Linda Johansen

FABRIC DYER'S DICTIONARY

Lies flat for easy use

900+ COLORS • SPECIALTY TECHNIQUES • THE ONLY DYEING BOOK YOU'LL EVER NEED!

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Dedication

My Fast, Fun & Easy books are for Mom

and the creativity she nurtured and inspired in me.

This one is for Dad, for always being there for me and the "I learn anything" attitude. This book is also for Jay Johansen for taking the sewing tradition in another direction (www.rideherd.com).

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I owe huge thanks to all the following folks and canines:

Everyone at C&T Publlishing, for another great book. They make this fun, easy (well, almost easy!), and beautiful.

Mom, for tearing fabric when my arms were tired.

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Dana Stillinger of Best Friends Doggy Day Care, obedience and agility classes, for stretching my mind and keeping me humble.

Pita (via PNW Border Collie Rescue) and Echo (via a local animal shelter), for being my smile makers.

Introduction

I started dyeing fabric because I wanted to play around with color and see what would happen. Next I signed up for a sewing workshop that asked me to bring one-yard pieces of as many different colors of solid fabric as I could. One hundred yards were suggested! Now, I knew how to buy fabric—I had a closet full to prove it. But what I wanted to learn was how to dye fabric. A friend and I talked about it and decided to dye all our own fabric for the workshop. I developed a sheet to record what I had done and started dyeing. As I was dyeing all this fabric, I realized that there would be much more than I would use in years, so I talked to my local quilt shop owner to see if she was interested in buying some wholesale after the workshop. Thus began Johansen Dyeworks.

I still keep records of how I get particular colors, and friends often want to look through my personal recipe book. I keep track of what color dyes I used, the methods and containers, the chemicals, and the amounts of time. You'll find a list of what I record on page 11. I urge you to make your own record sheet and start your own notebook. You will learn so much more if you can look back and see what you've done. You can mark each fabric (page 10) so you'll know how you created it.

The equipment and chemicals you need are readily available, and you probably already have many of them. Once you have everything, the rest is easy. For those of you who like to shop or even hunt around to find free things, this can be a really fun part of the process. You will be finding supplies in stores you never expected to look in!

Heaven's Gate made by Barbara Schreiner using fabric dyed by Linda Johansen

The colors in this book are organized by the color wheel. I challenge you to play with them to see how adding just a bit of another color changes the original color. Learn to recognize what color(s) are in a piece of fabric—is it a blue red or a yellow red, a warm black or a cool black?

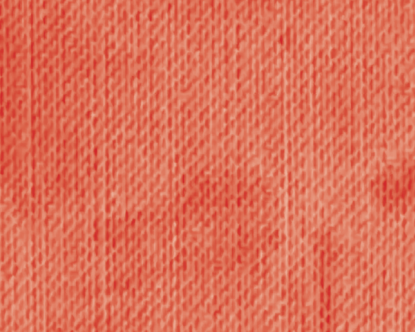
The most common reason given to me in classes for learning to dye fabric is the desire to make a particular color. With this book, I hope to make that easy for all of you. My dream is for you to be able to go to the recipe for the color you want and mix it up. If you don't find an exact match, or it doesn't quite give you what you want, read the recipes and notice what happens when you add particular colors. Then add a bit of this and a bit of that to tweak it until you get it right. The time of year, the degree of humidity, the type of fabric, and even your mood can change the colors slightly.

I hope the recipes in this book help you get that perfect color!

Using This Book

First, read through the Basic Information and The Dyeing Process chapters. Next, you can either go to the recipe for the color or colors you want to create and dye specific colors, or you can work through each chapter so that you can learn for yourself just what your mixtures will do.

Be sure to look at the specialty techniques on pages 88–94. They are fun and easy to use, and they add texture, blend colors, and give you lots of options for creating exciting, unique fabric.




Contents

Basic Information

I dye fabric because I love playing with color. I like to keep things simple, so my dyeing process (explained in detail in the next chapter) is simple and straightforward.

Precautions

It seems like everything fun has to come with warnings. For dyeing, the precautions are simple. Don't breathe or wear the powder or other chemicals. This means owning a good-quality dust mask, having a good pair or two of gloves (see Tools, at right), and using them.

I mix the dye powders in a strong solution and keep them in a small student refrigerator in my outside dyeing area so that I don't have to mix them as frequently. I find that they will keep their strength for a couple of weeks if stored this way. If they are not refrigerated, they start losing strength in a couple of days. If you need to use your family refrigerator, mark the dyes clearly, and clean the bottles before storing. Keep them separate from food if possible.

For clothes, wear something you don't mind getting color on. I see some great funky clothes in classes. I usually wear a pair of white painter's pants so the drips will show, or a black skirt so they won't. Sometimes I even spray the painter's pants with soda ash water so the color stays. I get lots of fun comments on them. Remember not to wear your best footwear either.

Plan on using your measuring and mixing tools *only* for dyeing. I write "DYE" on all my tools with black industrial-strength permanent marker so that there is no mistake. I also put my initials on all of them. *Do not use these tools for food.*

I dye either in our laundry room or in a covered space outside, so we live with dye splashes on the wall in the laundry room and spills on the patio outside.

My laundry room

Tools

Don't spend a lot of money on your containers for dyeing. Save yogurt containers (small and large), cottage cheese containers, and plastic deli containers. Our local food co-op sells used empty one-, two-, and five-gallon buckets. You may have a local restaurant that will give buckets to you or sell them cheaply. Use them for rinse water and clean water. I use several dishwashing tubs or cat litter trays to hold the bags when I'm dyeing. The smaller tubs from when someone has been in the hospital are also handy.

I mix my dye solutions in small squeeze bottles, so I keep funnels handy to get the dye powder into them. I have six funnels so that each color goes through a dry funnel. You can mix the dyes in small open containers, but there is more powder in the air that way. Be sure your dye bottles do not leak when squeezed upside down. Try this with water first.

I also use two or more sets of measuring spoons and cups. Like the funnels, the spoons need to be dry when the dye powder is spooned out of the container. I check local thrift shops frequently for sets of measuring cups and spoons. Check their accuracy! Some of the really cheap ones are not accurate.

Zipper-lock freezer bags work well, as it is easy to close the zipper when wearing gloves. Use the quart size for a fat quarter and the gallon size for a yard of fabric.

Handy supplies for dyeing

Plastic chopsticks are helpful when you don't want to use your hands to get the fabric scrunched down into the dye solution. I also use them to level off the dye powder in the measuring spoon when I want to be very accurate in measuring.

I like gloves that come up almost to my elbows when I am mixing the dye powders and rinsing out fabrics, and short, tight latex ones when I am agitating the fabric in the bags. The tall ones keep more dye splashes off me, and the tight latex ones allow me to feel the fabric better.

Rags are a must for me! I use cloth diapers. Sometimes I can get used ones from a diaper service, and sometimes I break down and buy new ones. Old hand towels work well too. I keep a bucket under the sink and throw the used rags in it. I wash them when the bucket is full.

Dyes and Additives

See Resources on page 95 for sources of dyes and auxiliaries.

The History of Dye Powders in a Nutshell

Procion used to make all the **MX dyes**. The Procion company/name has been sold multiple times, and the current owners of the name have gradually eliminated all the colors. Retail suppliers have had to find other makers of cold-water dye powders, so they are no longer "Procion" dyes, but "**ProcionMX type**" or simply cool-water dyes.

DYES

The dyes that I use come from two sources: Dharma Trading Company and Pro Chemical (see Resources on page 95). Each company has its own naming and numbering system. Dyes from either company will work just fine. I have used the following dyes for mixing the colors in this book:

Clear Colors

	CLEAR YELLOW	CLEAR BLUE	CLEAR RED
Dharma	Lemon Yellow (#1)	Turquoise (#25)	Fuchsia Red (#13)
Pro Chemical	Sun Yellow (108)	Turquoise (410)	Fuchsia (308)

Muted Colors

	MUTED YELLOW	MUTED BLUE	MUTED RED
Dharma	Golden Yellow (#3)	Cobalt (#22)	Chinese Red (#10A)
Pro Chem	Tangerine (112)	Mixing Blue (402C)	Strongest Red (312N)

Secondary Clear Colors

	GREEN	ORANGE	PURPLE
Dharma	Kelly Green (#66)	Deep Orange (#6)	Grape (#117)
Pro Chem	Brightest Green (711)	Strong Orange (202)	Grape (801)

Blacks*

Dharma	Black (#39)	New Black (#300)
Pro Chem	Black (608)	Cotton Black (602A)

** Each black is unique; the dyes are not interchangeable.*

For other suppliers, more color comparisons, and general information, the following website provides excellent information: http://www.pburch.net/dyeing.shtml.

ADDITIVES

- **Soda ash** (sodium carbonate) is a fixative. It causes the dye to bond with the fabric and not just sit on the surface. You *must* use it to get the colors. Soda ash is available at pool and spa supply stores or from the websites listed in the Resources on page 95. If you live with a septic system, check with your local septic service about the colors and ph balance *before you dye.*
- **Salt** helps push the dye out of the water and into the fabric. I mix it in with the soda ash solution (see formulas on page 9).
- **Synthrapol** keeps the dye in suspension in the wash so that it doesn't attach to other fabrics as it rinses out of the initial ones. I use a tablespoon in each of the first two washings.
- **Sodium alginate** is a seaweed derivative that is used to thicken the dyes for stamping, painting directly onto fabric, and screen printing.
- **Urea** helps keep moisture in the fabric while the dye sets. Because I live in the Willamette Valley in Oregon, where we have lots of moisture most of the time, I have never used it. If you live in a dryer area, you may want to use it. Mix it in the water you use to mix up your dye powder. Follow the package directions for the amount to use.
- **Water softener** may need to be added if your water is hard. Check with your local municipality or county offices to find out. Water softener and the above chemicals are available from the Resources listed on page 95.

Fabric

I recommend Dyer's Muslin (MDYE) by P&B Fabrics as the best PFD (prepared for dyeing) fabric for multipurpose dyeing. It is fine enough to crease and sew easily for hand appliqué and sturdy enough to use for everything else. PFD means that the fabric has not been pretreated and is ready to dye. The P&B Dyer's Muslin is white, allowing the colors to come out clear. If you use a cream or unbleached muslin, the colors will be a bit earthier or more muted.

Getting Started

Read the next chapter on the dyeing process, and then, if you are relatively new to dyeing, I recommend starting with the clear dark rainbow (page 12). This 12-step rainbow shows the bright, clear colors. If you want other clear colors, mix them using these dye colors. By starting with this 12-step rainbow, you will have a sense of what these dyes will do and how to get clear colors.

Notice differences between muted colors (top) and clear colors (bottom).

All other colors are a mixture of these three colors: Fuchsia, Turquoise, and Lemon or Sun Yellow. If one were patient or curious enough, all the colors in the book could be mixed with these three colors! The secondary colors are equal *visual* mixtures of the primary colors on either side of them. This does not necessarily mean that they require equal *measurements* of the dyes. You will find that red and blue will very quickly change yellow, but they won't change each other as quickly.

Any time you mix all three primary colors, you muddy or mute the resulting color and create a mixed color. The muted 12-step rainbow (page 14) uses primary colors that have a second color added to them when the dye is formulated. This gives a much earthier rainbow because you have now made colors with three primary colors in them. For example, Mixed Red has Fuchsia and Turquoise in the dye powder, and Mixed Yellow has Yellow and Fuchsia in the dye powder. When you cross the Mixed Red and Mixed Yellow, you have a color with Turquoise, Fuchsia, and Yellow in it, and it will not be as clear as when you mix just Fuchsia and Lemon Yellow.

Once you have learned the color rainbows, try some of the complementary crosses. They will teach you even more about mixing colors. You can, of course, go directly to the specific colors you want, and just dye them.

The Dyeing Process

The dyeing process can seem a bit overwhelming until you have tried it a couple of times. Taken one step at a time, it will become simple, second nature, and even a bit addictive. Make sure you have all the supplies lined up, and dive in! If you use a method that is different than I have indicated, go for it.

Making the Liquid Dye

Use the table below to make the liquid dye solution.

DYE POWDER	WATER
1 Tablespoon	1 Cup
1½ teaspoons	½ Cup
1 teaspoon	⅓ Cup
¾ teaspoon	¼ Cup
¼ teaspoon	4 teaspoons
⅛ teaspoon	2 teaspoons

Making the Soda Ash / Salt Solution

Use the table below to make the soda ash / salt solution.

SODA ASH	SALT	WATER
1 Cup	½ Cup	1 gallon or 16 Cups
¼ Cup	2 Tablespoons	4 Cups
2 Tablespoons	1 Tablespoon	2 Cups
1 Tablespoon	2 teaspoons	1 Cup
1 teaspoon	1 teaspoon	⅓ Cup

Useful Measuring Equivalents

d = drop, t = teaspoon, T = Tablespoon, C = Cup

16d	=	⅛t				
		3t	=	1T		
		12t	=	4T	=	¼C
		16t	=	5T + 1t	=	⅓C
		24t	=	8T	=	½C
				10T + 2t	=	⅔C

Special Color Information

Turquoise takes longer to "set" or "strike" than other colors. Warmer water can aid its absorption. Most suppliers advise using it at double the strength; however, except as noted on pages 28–29, mix it using 1 Tablespoon dye powder to 1 Cup water, just like all the other colors are mixed.

Yellow is a "weak" color and will change color more rapidly than any of the others with the addition of a second color. Mixed-up Yellow dye solutions also seem to settle over time and need re-shaking.

Reds seem to take a bit more shaking initially to get all the dye dispersed evenly in the water. When mixing Red with **Green,** the Red very quickly overwhelms the Green, and it is very difficult to keep the colors from separating. Agitating the fabric more frequently than every 10 minutes for the first half hour can help you get more even texture and color.

And Now the Disclaimer!

Your colors will likely be slightly different from the ones in the book. There are so many variables to dyeing fabric: air temperature, humidity, what's in your water, fabric choice, dye powder mixture, time in the dye—and some days I swear even my mood can make a difference! I know that I get slightly different colors when I dye in the winter and in the summer. I encourage you to cut out swatches of your fabric and glue them over the photos as you work through each chapter and create the colors. This way you will have a record of what happened with your set of variables.

General Dyeing Instructions

- All dye solutions are mixed using the table on this page.
- When dyeing fat quarters, the total liquid in the quart bag should be 1 Cup before putting the fabric in. Add 1 Tablespoon of soda ash / salt solution (shown at left) to the bag after the fabric is added and before agitating.
- When dyeing 1-yard pieces, the total liquid in the gallon bag should be 4 Cups before putting the fabric in. Add ¼ Cup of soda ash / salt solution (shown at left) to the bag after the fabric is added and before agitating.

1. PREPARE THE FABRIC

- Prewash the fabric if it isn't PFD (page 8).
- Cut or tear the fabric to the size you want to dye. I recommend starting with fat quarters.
- To keep accurate records so you can easily replicate the colors, use the color numbers in this book. Write the number on a piece of Tyvek with a permanent marker, and staple it to a corner of the fabric—use 2 staples; 1 will not hold.

  Note: You can cut up old Postal Service or FedEx Tyvek envelopes or get Tyvek envelopes at an office supply store. Some quilt stores and art supply stores sell 8½" × 11" sheets.

2. PREPARE THE CONTAINERS

- Set out containers in the number and size you plan to use, or have them handy enough that you can reach them easily as you need them. I use zipper-lock freezer bags set inside a dishwashing or hospital tub, depending on how many bags I'll be using. I fold back the non-zipper corners of the bags to make them stay a bit more open as I pour water and dye into them (see photo below).
- To keep track, write the numbers of the colors being dyed on a piece of painter's tape and stick it on the lip of the tub.

Prepare fabric and containers before mixing up dyes.

3. MIX UP THE SOLUTIONS

- Mix up the soda ash / salt solution using the table on page 9. Use a container with a cover so you can store it for later use. The solution will last for months, so don't worry about mixing up extra. Be careful not to get any dye into the solution, as it will affect all the fabric you use it with.
- Mix up the dye solutions (page 9). Mix only what you will need for one day, or for a week or so if you will be able to refrigerate them. Wear a mask and gloves, and place a slightly damp cloth under your mixing area. The damp cloth will attract stray dye powder. Have rags handy.

Keep the prepared fabric away from where you are mixing up the colors. I keep the prepared fabric in a covered plastic 2-gallon bucket until I need to put it in the bags.

4. SET UP THE WATER

- Set up 2 buckets of water. One is for rinsing tools and gloved hands, and the other is for clean water to use in the containers and formulas. Fill them with hot water before you start. They cool quite quickly.
- Measure clean, warm water into the bags, as called for in the formulas for the colors you are dyeing.

5. ADD THE DYE

- Measure the dye into the bags, using the formulas provided (pages 12–86).

Measure dyes into bags.

Accurate ¼ and ½ Drops

Some formulas call for either ¼ drop or ½ drop of black to be mixed with a color. The best way to get those exact amounts is to use the process described below, which will give you the correct mix of black and the color.

¼ Drop

Mix 1d black with ¾t of the color, add ½C water, discard ¼C of the mixed color, add ¼C water again, and then use ¼C of the mixed color—which is the amount called for.

½ Drop

Mix 1d Black with ¼t + 14d of the color; fill to ½C with water; and use ¼C—which is the amount called for.

Creating a Gradation of Any Color

The following is an easy way to make a dark-to-light gradation of any color. For fat quarters:

1. Mix ½ Cup of the dye solution.

2. Pour ¼ Cup full–strength solution into the first bag.

3. Add ¼ Cup water to the remaining dye solution.

4. Pour ¼ Cup of this diluted solution into the next bag, and add ¼ Cup water to the remaining diluted dye solution.

5. Continue this process, replacing the ¼ Cup diluted dye with ¼ Cup clean water for however many gradations you want. This method makes each color half as strong as the one before it.

For 1-yard pieces, use 2 Cups dye solution to start (instead of ½ Cup) and 1 Cup water or dye solution (instead of ¼ Cup).

6. ADD THE FABRIC

Scrunch up the prepared fabric, and put it in the bag. I use a plastic chopstick to push it gently down into the dye water without poking a hole in the bag. Make sure the fabric is completely covered with dye. Put fabric in each of the prepared bags of dye.

Scrunch each piece of fabric and put into bags.

7. ADD THE SODA ASH / SALT SOLUTION

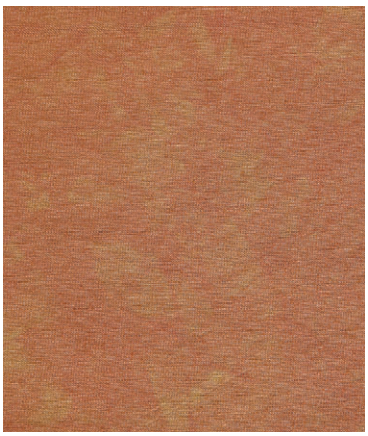
After all the fabric is in bags, add the soda ash / salt solution to each bag just before agitating the fabric the first time. Use 1 Tablespoon for fat quarters and ¼ Cup for 1-yard pieces. Press the bag from the outside to force the dye solution through the fabric and mix in the soda ash solution well. Use your hand to scrunch and separate the fabric in the bag so that the fabric is evenly distributed. Zip up the bag, and set it flat in a small tub, with the zippered edge folded up against the side of the tub or other bags. Do this to all the bags before going on to the next step. Working with 8 to 12 bags at a time is usually plenty for me.

Mix and even out fabric inside bag.

8. AGITATE THE DYE AND FABRIC REGULARLY

For a more even color, press, agitate, and scrunch each bag from the outside every 10 minutes for 90 minutes. For more texture, let the bags sit without moving for a minimum of 1 hour. I let them sit overnight after agitating every 10 minutes for 90 minutes and usually get a good, even texture.

Agitate fabric every 10 minutes to get even color.



Fabric on top was agitated every 10 minutes for 90 minutes and left to sit overnight. Fabric on bottom was scrunched in bag and left to sit overnight after adding soda ash and evening out fabric.

9. WASH OUT THE DYE

The next day: Start your washing machine and add about 1 Tablespoon of Synthrapol (page 8). Rinse the fabrics you have dyed, and add them to the washer as it fills. I usually wash my fabrics 3 times, using Synthrapol the first 2 times. Do not let them sit between washings! After the third wash, put them directly into the dryer.

Keeping Records

The items below are what I use in my dyeing records so that I can replicate colors. I also keep swatches of each color on the same sheet of paper as the notes.

Dyeing Notes

Date _____

Yardage _____

Dye Mixture _____

Color _____

Time _____

Method _____

Soda Ash _____

Water _____

Notes:

Clear Dark Rainbow

See page 9 to make the needed amounts of liquid dye.

Clear Yellow: Use Lemon Yellow or Sun Yellow.
Clear Red: Use Fuchsia.
Clear Blue: Use Turquoise.
For 1-yard pieces in 1-gallon bags: For each gradation, pour the given amount of mixed liquid dye into a measuring cup, and fill to 4C with water.
Add ¼C soda ash / salt mixture (see page 9).
Mix 5¼C Clear Yellow, 3C Clear Red, and 4½C Clear Blue to dye all 12 pieces.

For fat quarters in 1-quart bags: For each gradation, pour the given amount of mixed liquid dye into a measuring cup, and fill to 1C with water.
Add 1T soda ash / salt mixture (see page 9).
Mix 1⅓C Clear Yellow, ¾C Clear Red, and 1¼C Clear Blue to dye all 12 pieces.

201

1 yd: 1C Yellow
¼ yd: ¼C Yellow

205

1 yd: 1C Red
¼ yd: ¼C Red

209

1 yd: 1C Blue
¼ yd: ¼C Blue

202

1 yd: ½t Red + fill to 1C with Yellow
¼ yd: ⅛t Red + fill to ¼C with Yellow

206

1 yd: (¾C + 2t) Red + (3T + 1t) Blue
¼ yd: (3T + ½t) Red + 2½t Blue

210

1 yd: (¾C + 8t) Blue + 2t Yellow
¼ yd: (3T + 2t) Blue + ½t Yellow

203

1 yd: 4t Red + fill to 1C with Yellow
¼ yd: 1t Red + (3T + 2t) Yellow

207

1 yd: (6T + 2t) Red + (½C + 4t) Blue
¼ yd: (1T + 2t) Red + (2T + 1t) Blue

211

1 yd: ¾C Blue + ¼C Yellow
¼ yd: 3T Blue + 1T Yellow

204

1 yd: ½C Yellow + ½C Red
¼ yd: 2T Yellow + 2T Red

208

1 yd: (2T + 2t) Red + (¾C + 4t) Blue
¼ yd: 2t Red + (3T + 1t) Blue

212

1 yd: 2t Blue + (¾C + 3T + 1t) Yellow
¼ yd: ½t Blue + (3T + 2½t) Yellow

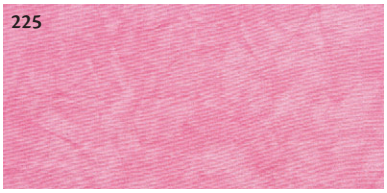
Clear Light Rainbow

See page 9 to make the needed amounts of liquid dye.

Clear Yellow: Use Lemon Yellow or Sun Yellow.
Clear Red: Use Fuchsia.
Clear Blue: Use Turquoise.
For 1-yard pieces in 1-gallon bags: For each gradation, pour the given amount of mixed liquid dye into a measuring cup, and fill to 4C with water.
Add ¼C soda ash / salt mixture (see page 9).
Mix ¼C each Clear Yellow, Clear Red, and Clear Blue to dye all 12 pieces.

For fat quarters in 1-quart bags: For each gradation, pour the given amount of mixed liquid dye into a measuring cup, and fill to 1C with water.
Add 1T soda ash / salt mixture (see page 9).
Mix 4t each Clear Yellow, Clear Red, and Clear Blue to dye all 12 pieces.

1 yd: 2t Yellow
¼ yd: ½t Yellow



1 yd: 2t Red
¼ yd: ½t Red

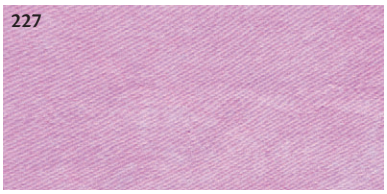
1 yd: 2t Blue
¼ yd: ½t Blue

1 yd: 1⅞t Yellow + ⅛t Red
¼ yd: (⅜t + 12d) Yellow + 4d Red

1 yd: 1½t Red + ½t Blue
¼ yd: ⅜t Red + ⅛t Blue

1 yd: 1¾t Blue + ¼t Yellow
¼ yd: (⅜t + 8d) Blue + 8d Yellow

1 yd: 1½t Yellow + ½t Red
¼ yd: ⅜t Yellow + ⅛t Red



1 yd: 1t Red + 1t Blue
¼ yd: ¼t Red + ¼t Blue

1 yd: 1t Blue + 1t Yellow
¼ yd: ¼t Blue + ¼t Yellow

1 yd: 1t Yellow + 1t Red
¼ yd: ¼t Yellow +¼t Red

1 yd: ½t Red + 1½t Blue
¼ yd: ⅛t Red + ⅜t Blue

1 yd: ⅛t Blue + 1⅞t Yellow
¼ yd: 4d Blue + (⅜t + 12d) Yellow

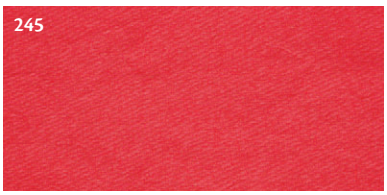
Muted Dark Rainbow

See page 9 to make the needed amounts liquid dye.

Muted Yellow: Use Tangerine or Golden Yellow.
Muted Red: Use Strongest Red or Chinese Red.
Muted Blue: Use Cobalt or Mixing Blue.
For 1-yard pieces in 1-gallon bags: For each gradation, pour the given amount of mixed liquid dye into a measuring cup, and fill to 4C with water.
Add ¼C soda ash / salt mixture (see page 9).
Mix 5¼C Muted Yellow, 4C Muted Red, and 3¾C Muted Blue to dye all 12 pieces.

For fat quarters in 1-quart bags: For each gradation, pour the given amount of mixed liquid dye into a measuring cup, and fill to 1C with water.
Add 1T soda ash / salt mixture (see page 9).
Mix 1⅓C Muted Yellow, 1C Muted Red, and 1¼C Muted Blue to dye all 12 pieces.

1 yd: 1C Yellow
¼ yd: ¼C Yellow

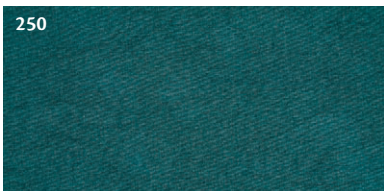


1 yd: 1C Red
¼ yd: ¼C Red

1 yd: 1C Blue
¼ yd: ¼C Blue

1 yd: (¾C + 3T + 1t) Yellow + 2t Red
¼ yd: (3T + 2½t) Yellow + ½t Red

1 yd: ¾C Red + ¼C Blue
¼ yd: 3T Red + 1T Blue

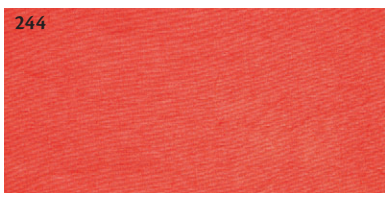


1 yd: ¾C Blue + ¼C Yellow
¼ yd: 3T Blue + 1T Yellow

1 yd: ¾C Yellow + ¼C Red
¼ yd: 3T Yellow + 1T Red

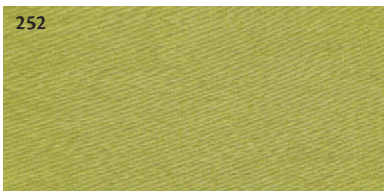
1 yd: ½C Red + ½C Blue
¼ yd: 2T Red + 2T Blue

1 yd: ½C Blue + ½C Yellow
¼ yd: 2T Blue + 2T Yellow



1 yd: ½C Yellow + ½C Red
¼ yd: 2T Yellow + 2T Red

1 yd: ¼C Red + ¾C Blue
¼ yd: 1T Red + 3T Blue



1 yd: ¼C Blue + ¾C Yellow
¼ yd: 1T Blue + 3T Yellow

Muted Light Rainbow

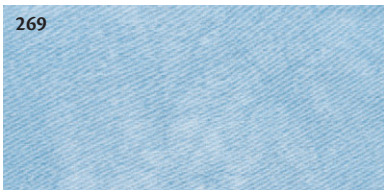
See page 9 to make the needed amounts of liquid dye.

Muted Yellow: Use Tangerine or Golden Yellow.
Muted Red: Use Strongest Red or Chinese Red.
Muted Blue: Use Cobalt or Mixing Blue.
For 1-yard pieces in 1-gallon bags: For each gradation, pour the given amount of mixed liquid dye into a measuring cup, and fill to 4C with water.
Add ¼C soda ash / salt mixture (see page 9).
Mix ¼C each Muted Yellow, Muted Red, and Muted Blue to dye all 12 pieces.

For fat quarters in 1-quart bags: For each gradation, pour the given amount of mixed liquid dye into a measuring cup, and fill to 1C with water.
Add 1T soda ash / salt mixture (see page 9).
Mix 4T each Muted Yellow, Muted Red, and Muted Blue to dye all 12 pieces.

1 yd: 2t Yellow
¼ yd: ½t Yellow

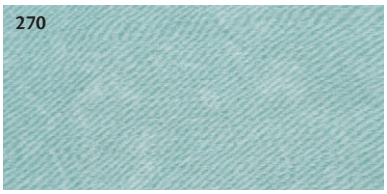
1 yd: 2t Red
¼ yd: ½t Red



1 yd: 2t Blue
¼ yd: ½t Blue

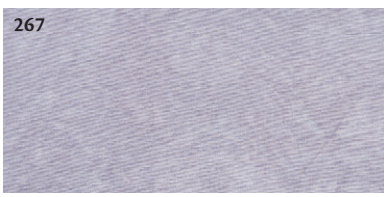
1 yd: 1⅞t Yellow + ⅛t Red
¼ yd: (⅜t + 12d) Yellow + 4d Red

1 yd: 1½t Red + ½t Blue
¼ yd: ⅜t Red + ⅛t Blue



1 yd: 1½t Blue + ½t Yellow
¼ yd: ⅜t Blue + ⅛t Yellow

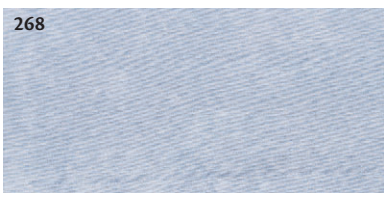
1 yd: 1½t Yellow + ½t Red
¼ yd: ⅜t Yellow + ⅛t Red



1 yd: 1t Red + 1t Blue
¼ yd: ¼t Red + ¼t Blue

1 yd: ½t Blue + 1½t Yellow
¼ yd: ⅛t Blue + ⅜t Yellow

1 yd: (⅛t + 8d) Yellow + (1¾t + 8d) Red
¼ yd: 6d Yellow + (⅜t + 10d) Red



1 yd: ½t Red + 1½t Blue
¼ yd: ⅛t Red + ⅜t Blue

1 yd: ¼t Blue + 1¾t Yellow
¼ yd: 8d Blue + (⅜t + 8d) Yellow

Yellows

Clear Yellow, Dark to Light

See page 9 to make the needed amounts of liquid dye.

Clear Yellow: Use Lemon Yellow or Sun Yellow.
For 1-yard pieces in 1-gallon bags: Pour the given amount of mixed liquid dye into a measuring cup, and fill to 4C with water.
Add ¼C soda ash / salt mixture (see page 9).
Mix 2C Clear Yellow to dye all 6 pieces.

For fat quarters in 1-quart bags: Pour the given amount of mixed liquid dye into a measuring cup, and fill to 1C with water.
Add 1T soda ash / salt mixture (see page 9).
Mix ½C Clear Yellow to dye all 6 pieces.

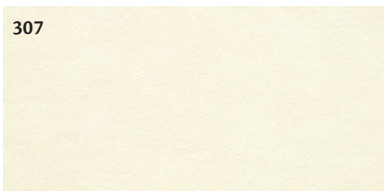
1 yd: 1C Yellow
¼ yd: ¼C Yellow

1 yd: ½C Yellow
¼ yd: 2T Yellow

1 yd: 2T Yellow
¼ yd: 1½t Yellow

1 yd: 1T Yellow
¼ yd: ¾t Yellow

1 yd: 1½t Yellow
¼ yd: (¼t + ⅛t) Yellow



1 yd: ¾t Yellow
¼ yd: (⅛t + 8d) Yellow

Clear Yellow to Clear Purple Complementary Cross

See page 9 to make the needed amounts of liquid dye.

Clear Yellow: Use Lemon Yellow or Sun Yellow.
Clear Purple: Mix using equal amounts Fuchsia and Turquoise.
For 1-yard pieces in 1-gallon bags: Pour the given amount of mixed liquid dye into a measuring cup, and fill to 4C with water.
Add ¼C soda ash / salt mixture (see page 9).
Mix 2½C Clear Yellow and 2C Clear Purple to dye all 6 pieces.

For fat quarters in 1-quart bags: Pour the given amount of mixed liquid dye into a measuring cup, and fill to 1C with water.
Add 1T soda ash / salt mixture (see page 9).
Mix ⅔C Clear Yellow and ½C Clear Purple to dye all 6 pieces.

1 yd: (½C + 4t) Yellow + 2t Purple
¼ yd: 7t Yellow + ½t Purple

1 yd: (½C + 4t) Yellow + 4t Purple
¼ yd: 7t Yellow + 1t Purple

1 yd: (½C + 4t) Yellow + (2T + 2t) Purple
¼ yd: 7t Yellow + 2t Purple

1 yd: (6T + 2t) Yellow + (6T + 2t) Purple
¼ yd: 5t Yellow + 5t Purple

1 yd: ¼C Yellow + ½C Purple
¼ yd: 3t Yellow + 6t Purple

1 yd: 4t Yellow + (½C + 4t) Purple
¼ yd: 1t Yellow + 7t Purple

Clear Yellow to Clear Purple Complementary Cross, Dark to Light

See page 9 to make the needed amounts of liquid dye.

Clear Yellow: Use Lemon Yellow or Sun Yellow.
Clear Purple: Mix using equal amounts Fuchsia and Turquoise.
For 1-yard pieces in 1-gallon bags: Pour the given amount of mixed liquid dye into a measuring cup, and fill to 4C with water. Add ¼C soda ash / salt mixture (see page 9).
Mix 2½C Clear Yellow and 2C Clear Purple to dye all 24 pieces.

For fat quarters in 1-quart bags: Pour the given amount of mixed liquid dye into a measuring cup, and fill to 1C with water. Add 1T soda ash / salt mixture (see page 9).
Mix ⅔C Clear Yellow and ½C Clear Purple to dye all 24 pieces.

1 yd: (¼C + 2t) Yellow + 1t Purple
¼ yd: 3½t Yellow + ¼t Purple

1 yd: (¼C + 2t) Yellow + 2t Purple
¼ yd: 3½t Yellow + ½t Purple

1 yd: (¼C + 2t) Yellow + (1T + 1t) Purple
¼ yd: 3½t Yellow + 1t Purple

1 yd: (2T + 1t) Yellow + ½t Purple
¼ yd: 1¾t Yellow + ⅛t Purple

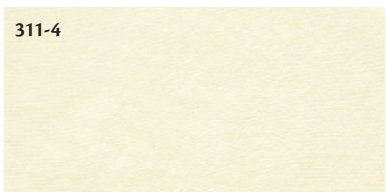
1 yd: (2T + 1t) Yellow + 1t Purple
¼ yd: 1¾t Yellow + ¼t Purple

1 yd: (2T + 1t) Yellow + 2t Purple
¼ yd: 1¾t Yellow + ½t Purple

1 yd: 1¾t Yellow + ⅛t Purple
¼ yd: (⅜t + 8d) Yellow + 4d Purple

1 yd: 1¾t Yellow + ¼t Purple
¼ yd: (⅜t + 8d) Yellow + 8d Purple

1 yd: 1¾t Yellow + ½t Purple
¼ yd: (⅜t + 8d) Yellow + ⅛t Purple

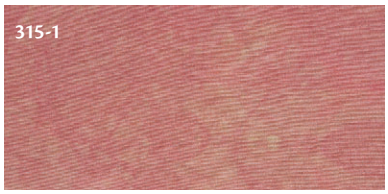


1 yd: (⅜t + 8d) Yellow + 4d Purple
¼ yd: 14d Yellow + 1d Purple

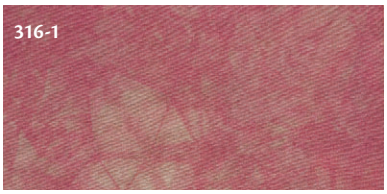
1 yd: (⅜t + 8d) Yellow + 8d Purple
¼ yd: 14d Yellow + 2d Purple

1 yd: (⅜t + 8d) Yellow + ⅛t Purple
¼ yd: 14d Yellow + 4d Purple

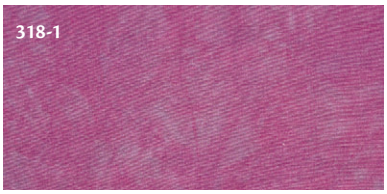
Clear Yellow to Clear Purple Complementary Cross, Dark to Light (cont.)



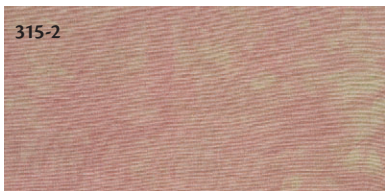
1 yd: (3T + 1t) Yellow + (3T + 1t) Purple
¼ yd: 2½t Yellow + 2½t Purple



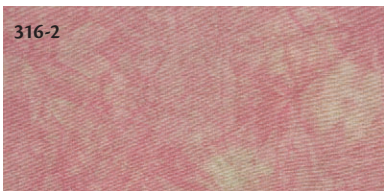
1 yd: 2T Yellow + ¼C Purple
¼ yd: 1½t Yellow + 3t Purple



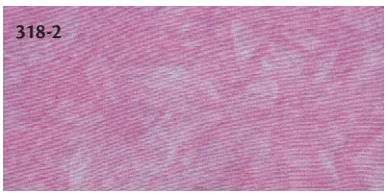
1 yd: 2t Yellow + (¼C + 2t) Purple
¼ yd: ½t Yellow + 3½t Purple



1 yd: (1T + 2t) Yellow + (1T + 2t) Purple
¼ yd: 1¼t Yellow + 1¼t Purple



1 yd: 1T Yellow + 2T Purple
¼ yd: ¾t Yellow + 1½t Purple



1 yd: 1t Yellow + (2T + 1t) Purple
¼ yd: ¼t Yellow + 1¾t Purple

1 yd: 1¼t Yellow + 1¼t Purple
¼ yd: (¼t + 8d) Yellow + (¼t + 8d) Purple

1 yd: ¾t Yellow + 1½t Purple
¼ yd: (⅛t + 8d) Yellow + ⅜t Purple

1 yd: ¼t Yellow + 1¾t Purple
¼ yd: 8d Yellow + (⅜t + 8d) Purple

1 yd: (¼t + 8d) Yellow + (¼t + 8d) Purple
¼ yd: 10d Yellow + 10d Purple

1 yd: (⅛t + 8d) Yellow + ⅜t Purple
¼ yd: 6d Yellow + 12d Purple

1 yd: 8d Yellow + (⅜t + 8d) Purple
¼ yd: 2d Yellow + 14d Purple

Clear Yellow to Black, Dark to Light

See page 9 to make the needed amounts of liquid dye.

Clear Yellow: Use Lemon Yellow or Sun Yellow.

Black: Use New Black.

For 1-yard pieces in 1-gallon bags: Pour the given amount of mixed liquid dye into a measuring cup, and fill to 4C with water. Add ¼C soda ash / salt mixture (see page 9).
Mix 5C Clear Yellow and 1¼C Black to dye all 24 pieces.

For fat quarters in 1-quart bags: Pour the given amount of mixed liquid dye into a measuring cup, and fill to 1C with water. Add 1T soda ash/salt mixture (see page 9).
Mix 1⅓C Clear Yellow and ⅓C Black to dye all 24 pieces.

1 yd: ¼t Black + fill to ½C with Yellow
¼ yd: 8d Black + 2T Yellow

1 yd: 1t Black + (¼C + 3T + 2t) Yellow
¼ yd: ¼t Black + 5¾t Yellow

1 yd: 2t Black + fill to ½C Yellow
¼ yd: ½t Black + (1T + 2½t) Yellow

1 yd: ⅛t Black + fill to ¼C with Yellow
¼ yd: 4d Black + fill to 1T with Yellow

1 yd: ½t Black + (3T + 2½t) Yellow
¼ yd: ⅛t Black + 2¾t Yellow

1 yd: 1t Black + fill to ¼C Yellow
¼ yd: ¼t Black + 2¾t Yellow

1 yd: 4d Black + fill to 1T with Yellow
¼ yd: 1d Black + ¾t Yellow

1 yd: ⅛t Black + (2¾t + ⅛t) Yellow
¼ yd: 4d Black + (⅝t + 8d) Yellow

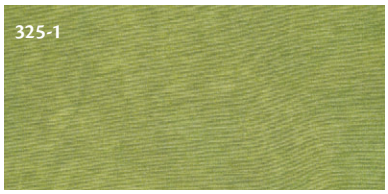
1 yd: ¼t Black + 2¾t Yellow
¼ yd: 8d Black + (½t + ⅛t + 8d) Yellow

1 yd: 1d Black + ¾t Yellow
¼ yd: ¼d Black + (⅛t + 8d) Yellow
(see page 10)

1 yd: 4d Black + ¾t Yellow
¼ yd: 1d Black + (⅛t + 6d) Yellow

1 yd: 8d Black + (½t + ⅛t + 8d) Yellow
¼ yd: 2d Black + (⅛t + 6d) Yellow

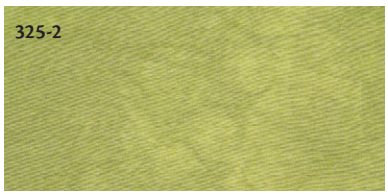
Clear Yellow to Black, Dark to Light (cont.)



1 yd: 4t Black + fill to ½C with Yellow
¼ yd: 1t Black + (1T + 2t) Yellow

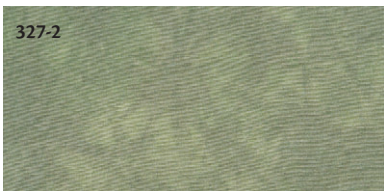
1 yd: 8t Black + fill to ½C with Yellow
¼ yd: 2t Black + (1T + 1t) Yellow

1 yd: ¼C Black + ¼C Yellow
¼ yd: 1T Black + 1T Yellow



1 yd: 2t Black + (3T + 1t) Yellow
¼ yd: ½t Black + 2½t Yellow

1 yd: 4t Black + (2T + 2t) Yellow
¼ yd: 1t Black + 2t Yellow



1 yd: 2T Black + 2T Yellow
¼ yd: 1½t Black + 1½t Yellow

1 yd: ½t Black + 2½t Yellow
¼ yd: ⅛t Black + (½t + ⅛t) Yellow

1 yd: 1t Black + 2t Yellow
¼ yd: ¼t Black + ½t Yellow

1 yd: 1½t Black + 1½t Yellow
¼ yd: ⅜t Black + ⅜t Yellow

1 yd: ⅛t Black + (½t + ⅛t) Yellow
¼ yd: 4d Black + (⅛t + 4d) Yellow

1 yd: ¼t Black + ½t Yellow
¼ yd: 8d Black + ⅛t Yellow

1 yd: ⅜t Black + ⅜t Yellow
¼ yd: 12d Black + 12d Yellow

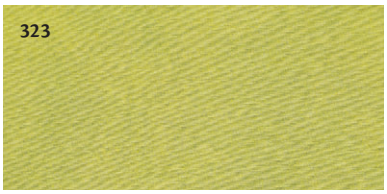
Clear Yellow to Black

See page 9 to make the needed amounts of liquid dye.

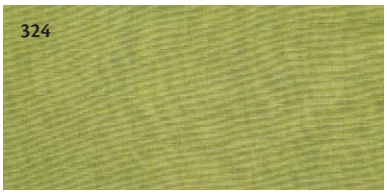
Clear Yellow: Use Lemon Yellow or Sun Yellow.
Black: Use New Black.
For 1-yard pieces in 1-gallon bags: Pour the given amount of mixed liquid dye into a measuring cup, and fill to 4C with water.
Add ¼C soda ash / salt mixture (see page 9).
Mix 5C Clear Yellow and 1¼C Black to dye all 6 pieces.

For fat quarters in 1-quart bags: Pour the given amount of mixed liquid dye into a measuring cup, and fill to 1C with water.
Add 1T soda ash / salt mixture (see page 9).
Mix 1⅓C Clear Yellow and ⅓C Black to dye all 6 pieces.

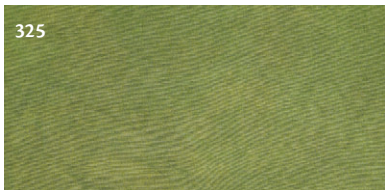
1 yd: ½t Black + fill to 1C with Yellow
¼ yd: ⅛t Black + fill to ¼C with Yellow



1 yd: 2t Black + fill to 1C with Yellow
¼ yd: ½t Black + fill to ¼C with Yellow



1 yd: 4t Black + fill to 1C with Yellow
¼ yd: 1t Black + fill to ¼C with Yellow



1 yd: 8t Black + fill to 1C with Yellow
¼ yd: 2t Black + fill to ¼C with Yellow

1 yd: ⅓C Black + ⅔C Yellow
¼ yd: 4t Black + fill to ¼C with Yellow

1 yd: ½C Black + ½C Yellow
¼ yd: 2T Black + 2T Yellow

Clear Yellow-Orange, Dark to Light

See page 9 to make the needed amounts of liquid dye.

Clear Yellow-Orange: Mix ⅛t Fuchsia, and fill to ¼C with Lemon Yellow or Sun Yellow. Multiply as needed for larger quantities.
For 1-yard pieces in 1-gallon bags: Pour the given amount of mixed liquid dye into a measuring cup, and fill to 4C with water.
Add ¼C soda ash / salt mixture (see page 9).
Mix 2C Clear Yellow-Orange to dye all 6 pieces.

For fat quarters in 1-quart bags: Pour the given amount of mixed liquid dye into a measuring cup, and fill to 1C with water.
Add 1T soda ash / salt mixture (see page 9).
Mix ½C Clear Yellow-Orange to dye all 6 pieces.

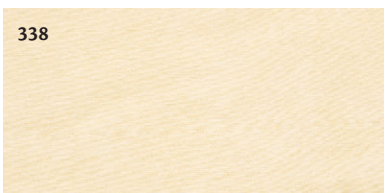
1 yd: 1C Yellow-Orange
¼ yd: ¼C Yellow-Orange

1 yd: ½C Yellow-Orange
¼ yd: 2T Yellow-Orange

1 yd: ¼C Yellow-Orange
¼ yd: 1T Yellow-Orange

1 yd: 2T Yellow-Orange
¼ yd: 1 ½t Yellow-Orange

1 yd: 1½t Yellow-Orange
¼ yd: (¼t + ⅛t) Yellow-Orange



1 yd: (¼t + ⅛t) Yellow-Orange
¼ yd: 12d Yellow-Orange

Muted Yellow, Dark to Light

See page 9 to make the needed amounts of liquid dye.

Muted Yellow: Use Golden Yellow or Tangerine.
For 1-yard pieces in 1-gallon bags: Pour the given amount of mixed liquid dye into a measuring cup, and fill to 4C with water.
Add ¼C soda ash / salt mixture (see page 9).
Mix 2C Muted Yellow to dye all 6 pieces.

For fat quarters in 1-quart bags: Pour the given amount of mixed liquid dye into a measuring cup, and fill to 1C with water.
Add 1T soda ash / salt mixture (see page 9).
Mix ½C Muted Yellow to dye all 6 pieces.

1 yd: 1C Yellow
¼ yd: ¼C Yellow

1 yd: ½C Yellow
¼ yd: 2T Yellow

1 yd: 2T Yellow
¼ yd: 1½t Yellow

1 yd: 1T Yellow
¼ yd: ¾t Yellow

1 yd: ¾t Yellow
¼ yd: (⅛t + 8d) Yellow

1 yd: (¼t + ⅛t) Yellow
¼ yd: 12d Yellow

Muted Yellow to Muted Purple Complementary Cross

See page 9 to make the needed amounts of liquid dye.

Muted Yellow: Use Golden Yellow or Tangerine.
Muted Purple: Mix using equal amounts Cobalt and Fuchsia.
For 1-yard pieces in 1-gallon bags: Pour the given amount of mixed liquid dye into a measuring cup, and fill to 4C with water.
Add ¼C soda ash / salt mixture (see page 9).
Mix 3C Muted Yellow and 1¾C Muted Purple to dye all 6 pieces.

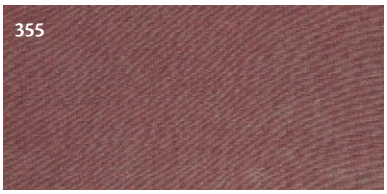
For fat quarters in 1-quart bags: Pour the given amount of mixed liquid dye into a measuring cup, and fill to 1C with water.
Add 1T soda ash / salt mixture (see page 9).
Mix ¾C Muted Yellow and ½C Muted Purple to dye all 6 pieces.

1 yd: (½C + 4t) Yellow + 2t Purple
¼ yd: 7t Yellow + ½t Purple

1 yd: (½C + 4t) Yellow + 4t Purple
¼ yd: 7t Yellow + 1t Purple

1 yd: (½C + 4t) Yellow + (2T + 2t) Purple
¼ yd: 7t Yellow + 2t Purple

1 yd: ½C Yellow + ¼C Purple
¼ yd: 2T Yellow + 1T Purple



1 yd: (6T + 2t) Yellow + (6T +2t) Purple
¼ yd: 5t Yellow + 5t Purple

1 yd: 8t Yellow + (½C + 4t) Purple
¼ yd: 2t Yellow + 7t Purple

Muted Yellow to Muted Purple Complementary Cross, Dark to Light

See page 9 to make the needed amounts of liquid dye.

Muted Yellow: Use Golden Yellow or Tangerine.
Muted Purple: Mix using equal amounts Cobalt or Mixing Blue and Fuchsia.
For 1-yard pieces in 1-gallon bags: Pour the given amount of mixed liquid dye into a measuring cup, and fill to 4C with water.
Add ¼C soda ash / salt mixture (see page 9).
Mix 3C Muted Yellow and 1¾C Muted Purple to dye all 24 pieces.

For fat quarters in 1-quart bags: Pour the given amount of mixed liquid dye into a measuring cup, and fill to 1C with water.
Add 1T soda ash / salt mixture (see page 9).
Mix ¾C Muted Yellow and ½C Muted Purple to dye all 24 pieces.

1 yd: (¼C + 2t) Yellow + 1t Purple
¼ yd: 3½t Yellow + ¼t Purple

1 yd: (¼C + 2t) Yellow + 2t Purple
¼ yd: 3½t Yellow + ½t Purple

1 yd: (¼C + 2t) Yellow + (1T + 1t) Purple
¼ yd: 3½t Yellow + 1t Purple

1 yd: (2T + 1t) Yellow + ½t Purple
¼ yd: 1¾t Yellow + ⅛t Purple

1 yd: (2T + 1t) Yellow + 1t Purple
¼ yd: 1¾t Yellow + ¼t Purple

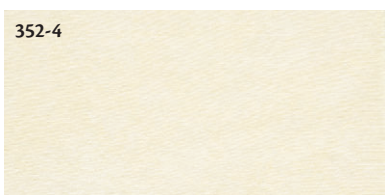
1 yd: (2T + 1t) Yellow + 2t Purple
¼ yd: 1¾t Yellow + ½t Purple

1 yd: 1¾t Yellow + ⅛t Purple
¼ yd: (⅜t + 8d) Yellow + 4d Purple

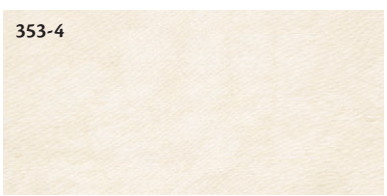
1 yd: 1¾t Yellow + ¼t Purple
¼ yd: (⅜t + 8d) Yellow + 8d Purple

1 yd: 1¾t Yellow + ½t Purple
¼ yd: (⅜t + 8d) Yellow + ⅛t Purple

1 yd: (⅜t + 8d) Yellow + 4d Purple
¼ yd: 14d Yellow + 1d Purple



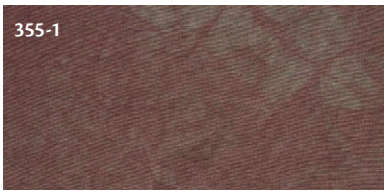
1 yd: (⅜t + 8d) Yellow + 8d Purple
¼ yd: 14d Yellow + 2d Purple



1 yd: (⅜t + 8d) Yellow + ⅛t Purple
¼ yd: 14d Yellow + 4d Purple

Muted Yellow to Muted Purple Complementary Cross, Dark to Light (cont.)

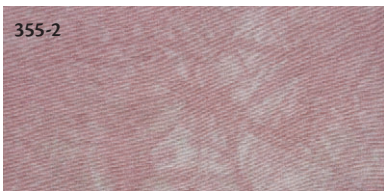
1 yd: ¼C Yellow + 2T Purple
¼ yd: 1T Yellow + 1½t Purple



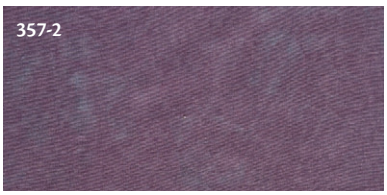
1 yd: (3T + 1t) Yellow + (3T + 1t) Purple
¼ yd: 2½t Yellow + 2½t Purple

1 yd: 4t Yellow + (¼C + 2t) Purple
¼ yd: 1t Yellow + 3½t Purple

1 yd: 2T Yellow + 1T Purple
¼ yd: 1½t Yellow + ¾t Purple



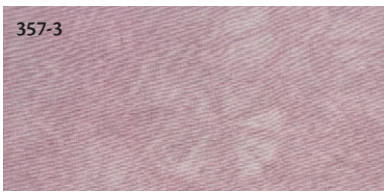
1 yd: (1T + 2t) Yellow + (1T + 2t) Purple
¼ yd: 1¼t Yellow + 1¼t Purple



1 yd: 2t Yellow + (2T + 1t) Purple
¼ yd: ½t Yellow + 1¾t Purple

1 yd: 1½t Yellow + ¾t Purple
¼ yd: ⅜t Yellow + (⅛t + 8d) Purple

1 yd: 1¼t Yellow + 1¼t Purple
¼ yd: (¼t + 8d) Yellow + (¼t + 8d) Purple



1 yd: ½t Yellow + 1¾t Purple
¼ yd: ⅛t Yellow + (⅜t + 8d) Purple

1 yd: ⅜t Yellow + (⅛t + 8d) Purple
¼ yd: 12d Yellow + 6d Purple

1 yd: (¼t + 8d) Yellow + (¼t + 8d) Purple
¼ yd: 10d Yellow + 10d Purple

1 yd: ⅛t Yellow + (⅜t + 8d) Purple
¼ yd: 4d Yellow + 14d Purple

Muted Yellow to Black, Dark to Light

See page 9 to make the needed amounts of liquid dye.

Muted Yellow: Use Golden Yellow or Tangerine.

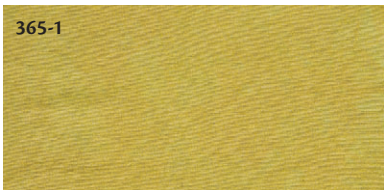
Black: Use Black 602A.

For 1-yard pieces in 1-gallon bags: Pour the given amount of mixed liquid dye into a measuring cup, and fill to 4C with water. Add ¼C soda ash / salt mixture (see page 9).
Mix 4½C Muted Yellow and 1¾C Black to dye all 24 pieces.

For fat quarters in 1-quart bags: Pour the given amount of mixed liquid dye into a measuring cup, and fill to 1C with water. Add 1T soda ash / salt mixture (see page 9).
Mix 1¼C Muted Yellow and ½C Black to dye all 24 pieces.

1 yd: ¼t Black + fill to ½C with Yellow
¼ yd: 8d Black + fill to 2T with Yellow

1 yd: 1t Black + fill to ½C with Yellow
¼ yd: ¼t Black + 5¾t Yellow



1 yd: 4t Black + fill to ½C with Yellow
¼ yd: 1t Black + (1T + 2t) Yellow

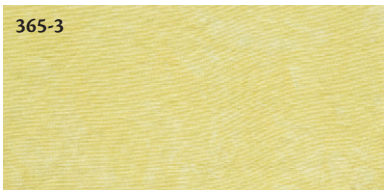
1 yd: ⅛t Black + fill to ¼C with Yellow
¼ yd: 4d Black + fill to 1T with Yellow

1 yd: ½t Black + (3T + 2½t) Yellow
¼ yd: ⅛t Black + 2¾t Yellow

1 yd: 2t Black + (3T + 1t) Yellow
¼ yd: ½t Black + 2½t Yellow

1 yd: 4d Black + fill to 1T with Yellow
¼ yd: 1d Black + ¾t Yellow

1 yd: ⅛t Black + (2¾t + ⅛t) Yellow
¼ yd: 4d Black + (⅝t + 8d) Yellow



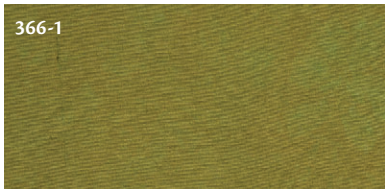
1 yd: ½t Black + 2½t Yellow
¼ yd: ⅛t Black + (½t + ⅛t) Yellow

1 yd: 1d Black + ¾t Yellow
¼ yd: ¼d Black + (⅛t + 8d) Yellow
(see page 10)

1 yd: 4d Black + ¾t Yellow
¼ yd: 1d Black + (⅛t + 6d) Yellow

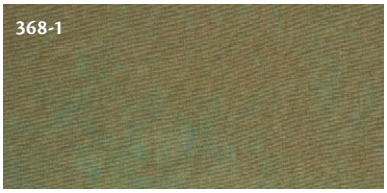
1 yd: ⅛t Black + (½t + ⅛t) Yellow
¼ yd: 4d Black + (⅛t + 4d) Yellow

Muted Yellow to Black, Dark to Light (cont.)



1 yd: (2T + 2t) Black + ⅓C Yellow
¼ yd: 2t Black + (1T + 1t) Yellow

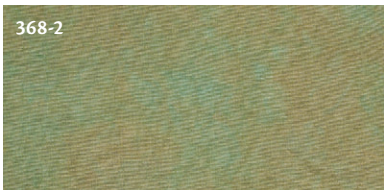
1 yd: ¼C Black + ¼C Yellow
¼ yd: 1T Black + 1T Yellow



1 yd: ⅓C Black + (2T + 2t) Yellow
¼ yd: (1T + 1t) Black + 2t Yellow

1 yd: 4t Black + (2T + 2t) Yellow
¼ yd: 1t Black + 2t Yellow

1 yd: 2T Black + 2T Yellow
¼ yd: 1½t Black + 1½t Yellow



1 yd: (2T + 2t) Black + (1T + 1t) Yellow
¼ yd: 2t Black + 1t Yellow

1 yd: 1t Black + 2t Yellow
¼ yd: ¼t Black + ½t Yellow

1 yd: 1½t Black + 1½t Yellow
¼ yd: ⅜t Black + ⅜t Yellow

1 yd: 2t Black + 1t Yellow
¼ yd: ½t Black + ¼t Yellow

1 yd: ¼t Black + ½t Yellow
¼ yd: 8d Black + ⅛t Yellow

1 yd: ⅜t Black + ⅜t Yellow
¼ yd: 12d Black + 12d Yellow

1 yd: ½t Black + ¼t Yellow
¼ yd: ⅛t Black + 8d Yellow

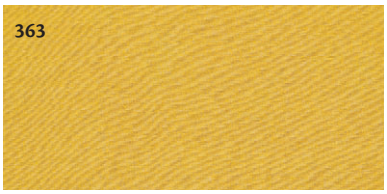
Muted Yellow to Black

See page 9 to make the needed amounts of liquid dye.

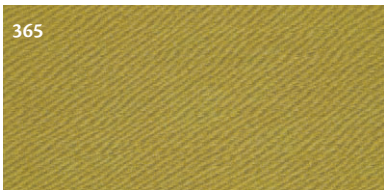
Muted Yellow: Use Golden Yellow or Tangerine.
Black: Use Black 602A.
For 1-yard pieces in 1-gallon bags: Pour the given amount of mixed liquid dye into a measuring cup, and fill to 4C with water.
Add ¼C soda ash / salt mixture (see page 9).
Mix 4½C Muted Yellow and 1¾C Black to dye all 6 pieces.

For fat quarters in 1-quart bags: Pour the given amount of mixed liquid dye into a measuring cup, and fill to 1C with water.
Add 1T soda ash / salt mixture (see page 9).
Mix 1¼C Muted Yellow and ½C Black to dye all 6 pieces.

1 yd: ½t Black + fill to 1C with Yellow
¼ yd: ⅛t Black + fill to ¼C with Yellow



1 yd: 2t Black + fill to 1C with Yellow
¼ yd: ½t Black + fill to ¼C with Yellow



1 yd: 8t Black + fill to 1C with Yellow
¼ yd: 2t Black + fill to ¼C with Yellow

1 yd: ⅓C Black + ⅔C Yellow
¼ yd: 4t Black + fill to ¼C with Yellow

1 yd: ½C Black + ½C Yellow
¼ yd: 2T Black + fill to 2T with Yellow

1 yd: ⅔C Black + ⅓C Yellow
¼ yd: (2T + 2t) Black + (1T + 1t) Yellow

Muted Yellow-Orange, Dark to Light

See page 9 to make the needed amounts of liquid dye.

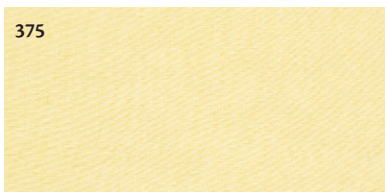
Muted Yellow-Orange: Mix ½t Strongest Red or Chinese Red, and fill to ¼C with Golden Yellow or Tangerine. Multiply as needed for larger quantities.
For 1-yard pieces in 1-gallon bags: Pour the given amount of mixed liquid dye into a measuring cup, and fill to 4C with water.
Add ¼C soda ash / salt mixture (see page 9).
Mix 2C Muted Yellow-Orange to dye all 6 pieces.

For fat quarters in 1-quart bags: Pour the given amount of mixed liquid dye into a measuring cup, and fill to 1C with water.
Add 1T soda ash / salt mixture (see page 9).
Mix ½C Muted Yellow-Orange to dye all 6 pieces.

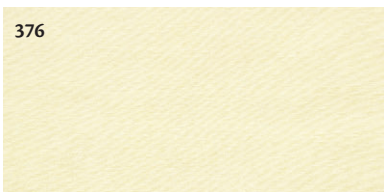
1 yd: 1C Yellow-Orange
¼ yd: ¼C Yellow-Orange

1 yd: ½C Yellow-Orange
¼ yd: 2T Yellow-Orange

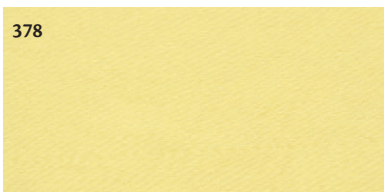
1 yd: 2T Yellow-Orange
¼ yd: 1½t Yellow-Orange



1 yd: 1T Yellow-Orange
¼ yd: ¾t Yellow-Orange



1 yd: 1½t Yellow-Orange
¼ yd: (¼t + ⅛t) Yellow-Orange



1 yd: (¼t + ⅛t) Yellow-Orange
¼ yd: 12d Yellow-Orange

Oranges

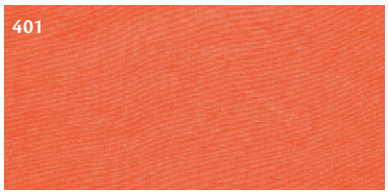
Clear Orange, Dark to Light

See page 9 to make the needed amounts of liquid dye.

Clear Orange: Use Strong Orange or Deep Orange.

For 1-yard pieces in 1-gallon bags: Pour the given amount of mixed liquid dye into a measuring cup, and fill to 4C with water.
Add ¼C soda ash / salt mixture (see page 9).
Mix 2C Strong Orange to dye all 6 pieces.

For fat quarters in 1-quart bags: Pour the given amount of mixed liquid dye into a measuring cup, and fill to 1C with water.
Add 1T soda ash / salt mixture (see page 9).
Mix ½C Strong Orange to dye all 6 pieces.



1 yd: 1C Orange
¼ yd: ¼C Orange

1 yd: ½C Orange
¼ yd: 2T Orange

1 yd: ¼C Orange
¼ yd: 1T Orange

1 yd: 1T Orange
¼ yd: ¾t Orange

1 yd: 1½t Orange
¼ yd: (¼t + ⅛t) Orange

1 yd: (¼t + ⅛t) Orange
¼ yd: 12d Orange

Clear Orange to Clear Blue Complementary Cross

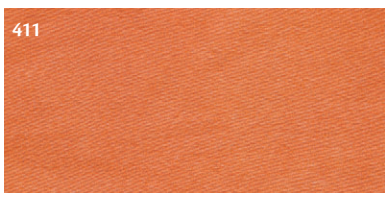
See page 9 to make the needed amounts of liquid dye.

Clear Orange: Use Strong Orange or Deep Orange.

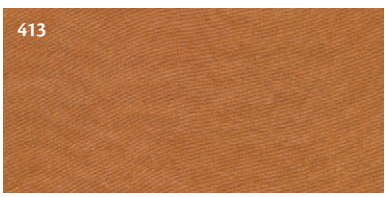
Clear Blue: Use Turquoise. Mix double strength.

For 1-yard pieces in 1-gallon bags: Pour the given amount of mixed liquid dye into a measuring cup, and fill to 4C with water.
Add ¼C soda ash / salt mixture (see page 9).
Mix 2½C Clear Orange and 2C Clear Blue to dye all 6 pieces.

For fat quarters in 1-quart bags: Pour the given amount of mixed liquid dye into a measuring cup, and fill to 1C with water.
Add 1T soda ash / salt mixture (see page 9).
Mix ¾C Clear Orange and ½C Clear Blue to dye all 6 pieces.

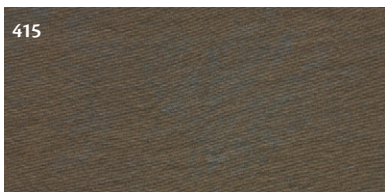


1 yd: (½C + 4t Orange) + 2t Blue
¼ yd: 7t Orange + ½t Blue

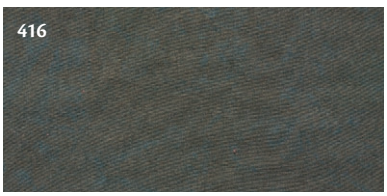


1 yd: (½C + 4t) Orange + (2T + 2t) Blue
¼ yd: 7t Orange + 2t Blue

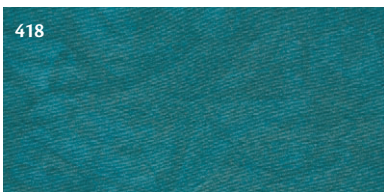
1 yd: ½C Orange + ¼C Blue
¼ yd: 6t Orange + 3t Blue



1 yd: (6T + 2t) Orange + (6T + 2t) Blue
¼ yd: 5t Orange + 5t Blue



1 yd: ¼C Orange + ½C Blue
¼ yd: 3t Orange + 6t Blue



1 yd: 4t Orange + (½C + 4t) Blue
¼ yd: 1t Orange + 7t Blue

Clear Orange to Clear Blue Complementary Cross, Dark to Light

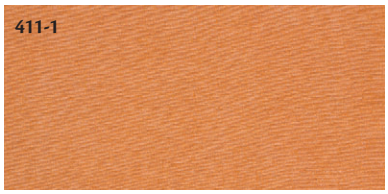
See page 9 to make the needed amounts of liquid dye.

Clear Orange: Use Strong Orange or Deep Orange.

Clear Blue: Use Turquoise. Mix double strength.

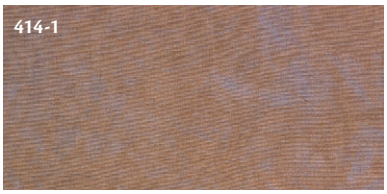
For 1-yard pieces in 1-gallon bags: Pour the given amount of mixed liquid dye into a measuring cup, and fill to 4C with water.
Add ¼C soda ash / salt mixture (see page 9).
Mix 2¼C Clear Orange and 2C Clear Blue to dye all 24 pieces.

For fat quarters in 1-quart bags: Pour the given amount of mixed liquid dye into a measuring cup, and fill to 1C with water.
Add 1T soda ash / salt mixture (see page 9).
Mix ¾C Clear Orange and ½C Clear Blue to dye all 24 pieces.



1 yd: (¼C + 2t) Orange + 1t Blue
¼ yd: 3½t Orange + ¼t Blue

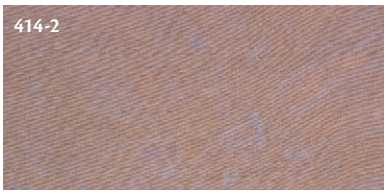
1 yd: (¼C + 2t) Orange + (1T + 1t) Blue
¼ yd: 3½t Orange + 1t Blue



1 yd: ¼C Orange + 2T Blue
¼ yd: 1T Orange + 1½t Blue

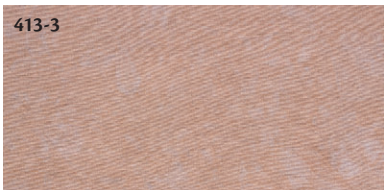
1 yd: (2T + 1t) Orange + ½t Blue
¼ yd: 1¾t Orange + ⅛t Blue

1 yd: (2T + 1t) Orange + 2t Blue
¼ yd: 1¾t Orange + ½t Blue



1 yd: 2T Orange + 1T Blue
¼ yd: 1½t Orange + ¾t Blue

1 yd: 1¾t Orange + ⅛t Blue
¼ yd: (⅜t + 8d) Orange + 4d Blue



1 yd: 1¾t Orange + ½t Blue
¼ yd: (⅜t + 8d) Orange + ⅛t Blue

1 yd: 1½t Orange + ¾t Blue
¼ yd: ⅜t Orange + (⅛t + 8d) Blue

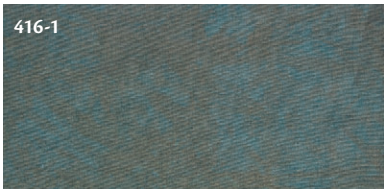
1 yd: (⅜t + 8d) Orange + 4d Blue
¼ yd: 14d Orange + 1d Blue

1 yd: (⅜t + 8d) Orange + ⅛t Blue
¼ yd: 14d Orange + 4d Blue

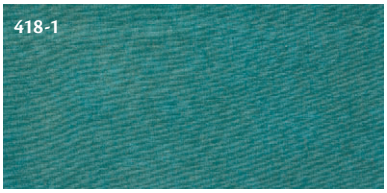
1 yd: ⅜t Orange + (⅛t + 8d) Blue
¼ yd: 12d Orange + 6d Blue

Clear Orange to Clear Blue Complementary Cross, Dark to Light (cont.)

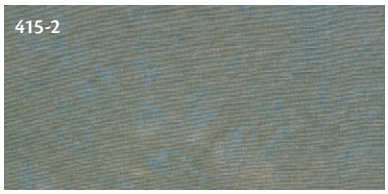
1 yd: (3T + 1t) Orange + (3T + 1t) Blue
¼ yd: 2½t Orange + 2½t Blue



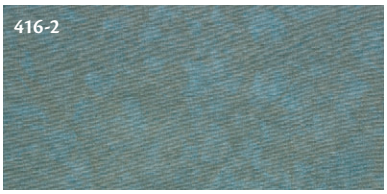
1 yd: 2T Orange + ¼C Blue
¼ yd: 1½t Orange + 3t Blue



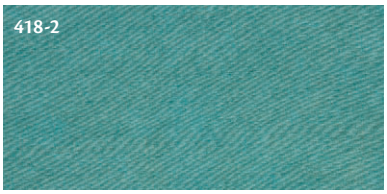
1 yd: 2t Orange + (¼C + 2t) Blue
¼ yd: ½t Orange + 3½t Blue



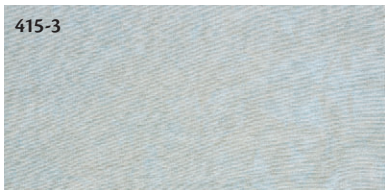
1 yd: (1T + 1t) Orange + (1T + 2t) Blue
¼ yd: 1¼t Orange + 1¼t Blue



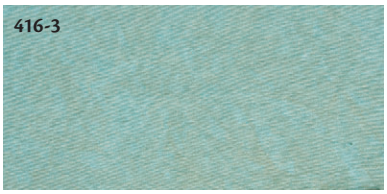
1 yd: 1T Orange + 2T Blue
¼ yd: ¾t Orange + 1½t Blue



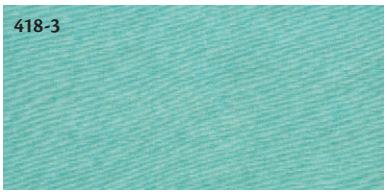
1 yd: 1t Orange + (2T + 1t) Blue
¼ yd: ¼t Orange + 1¾t Blue



1 yd: 1¼t Orange + (¼t + 8d) Blue
¼ yd: (¼t + 8d) Orange + (¼t + 8d) Blue



1 yd: (⅛t + 8d) Orange + 1½t Blue
¼ yd: (⅛t + 8d) Orange + ⅜t Blue



1 yd: ¼t Orange + 1¾t Blue
¼ yd: 8d Orange + (⅜t + 8d) Blue

1 yd: (¼t + 8d) Orange + (¼t + 8d) Blue
¼ yd: 10d Orange + 10d Blue

1 yd: (⅛t + 8d) Orange + ⅜t Blue
¼ yd: 6d Orange + 12d Blue

1 yd: 8d Orange + (⅜t + 8d) Blue
¼ yd: 2d Orange + 14d Blue

Clear Orange to Black, Dark to Light

See page 9 to make the needed amounts of liquid dye.

Clear Orange: Use Strong Orange or Deep Orange.

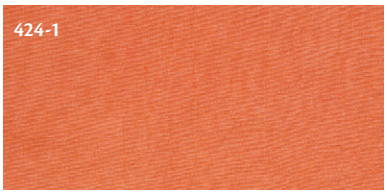
Black: Use Black 608A.

For 1-yard pieces in 1-gallon bags: Pour the given amount of mixed liquid dye into a measuring cup, and fill to 4C with water.
Add ¼C soda ash / salt mixture (see page 9).
Mix 4⅔C Clear Orange and 1¾C Black to dye all 24 pieces.

For fat quarters in 1-quart bags: Pour the given amount of mixed liquid dye into a measuring cup, and fill to 1C with water.
Add 1T soda ash / salt mixture (see page 9).
Mix 1¼C Clear Orange and ⅔C Black to dye all 24 pieces.

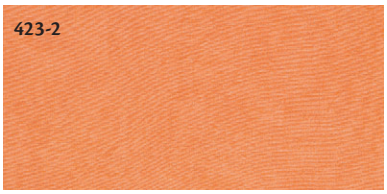
1 yd: ½t Black + fill to ½C with Orange
¼ yd: ⅛t Black + 5¾t Orange

1 yd: 1t Black + fill to ½C with Orange
¼ yd: ¼t Black + 5¾t Orange

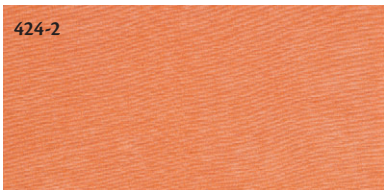


1 yd: 2t Black + fill to ½C with Orange
¼ yd: ½t Black + (1T + 2½t) Orange

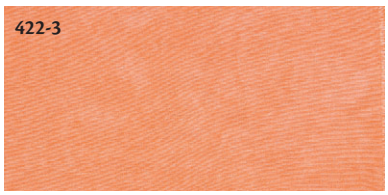
1 yd: ¼t Black + fill to ¼C with Orange
¼ yd: 8d Black + (2¾t + ⅛t) Orange



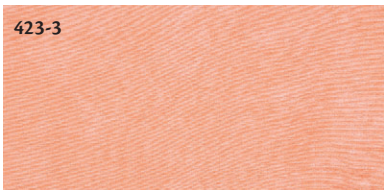
1 yd: ½t Black + fill to ½C with Orange
¼ yd: ⅛t Black + 2¾t Orange



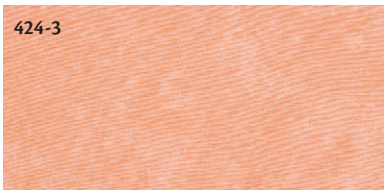
1 yd: 1t Black + fill to ¼C with Orange
¼ yd: ¼t Black + 2¾t Orange



1 yd: 8d Black + (¾t + ⅛t + 8d) Orange
¼ yd: 2d Black + (½t + ⅛t + 12d) Orange



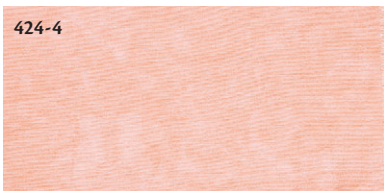
1 yd: ⅛t Black + (2¾t + ⅛t) Orange
¼ yd: 4d Black + (⅝t + 8d) Orange



1 yd: ¼t Black + 2¾t Orange
¼ yd: 8d Black + (⅝t + 8d) Orange

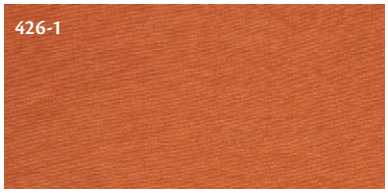
1 yd: 2d Black + (½t + ⅛t + 12d) Orange
¼ yd: ½d Black + (⅛t + 7d) Orange
(see page 10)

1 yd: 4d Black + ¾t Orange
¼ yd: 1d Black + (⅛t + 6d) Orange

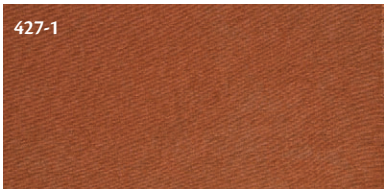


1 yd: 8d Black + (½t + ⅛t + 8d) Orange
¼ yd: 2d Black + (⅛t + 6d) Orange

Clear Orange to Black, Dark to Light (cont.)

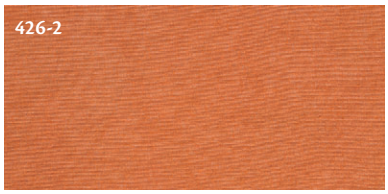


1 yd: 8t Black + fill to ½C with Orange
¼ yd: 2t Black + (1T + 1t) Orange

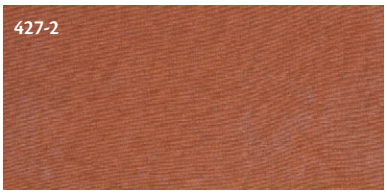


1 yd: ¼C Black + ¼C Orange
¼ yd: 1T Black + 1T Orange

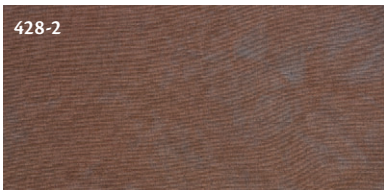
1 yd: ⅓C Black + (2T + 2t) Orange
¼ yd: (1T + 1t) Black + 2t Orange



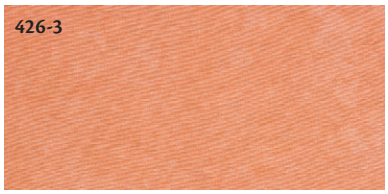
1 yd: 4t Black + (2T + 2t) Orange
¼ yd: 1t Black + 2t Orange



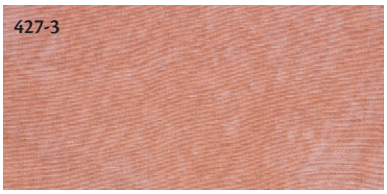
1 yd: 2T Black + 2T Orange
¼ yd: 1½t Black + 1½t Orange



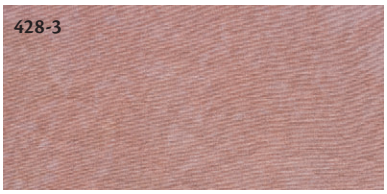
1 yd: (2T + 2t) Black + (1T + 1t) Orange
¼ yd: 2t Black + 1t Orange



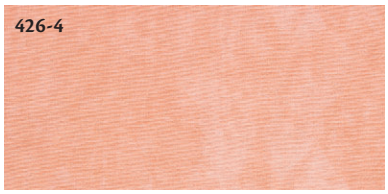
1 yd: 1t Black + 2t Orange
¼ yd: ¼t Black + ½t Orange



1 yd: 1½t Black + 1½t Orange
¼ yd: ⅜t Black + ⅜t Orange



1 yd: 2t Black + 1t Orange
¼ yd: ½t Black + ¼t Orange



1 yd: ¼t Black + ½t Orange
¼ yd: 8d Black + ⅛t Orange

1 yd: ⅜t Black + ⅜t Orange
¼ yd: 12d Black + 12d Orange

1 yd: ½t Black + ¼t Orange
¼ yd: ⅛t Black + 8d Orange

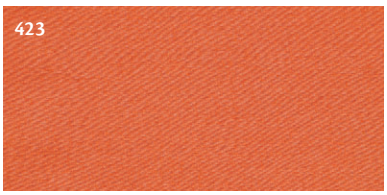
Clear Orange to Black

See page 9 to make the needed amounts of liquid dye.

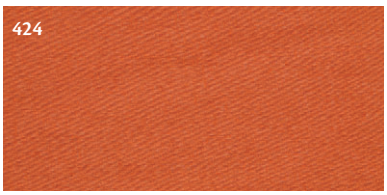
Clear Orange: Use Strong Orange or Deep Orange.
Black: Use Black 608A.
For 1-yard pieces in 1-gallon bags: Pour the given amount of mixed liquid dye into a measuring cup, and fill to 4C with water.
Add ¼C soda ash / salt mixture (see page 9).
Mix 4⅔C Clear Orange and 1¾C Black to dye all 6 pieces.

For fat quarters in 1-quart bags: Pour the given amount of mixed liquid dye into a measuring cup, and fill to 1C with water.
Add 1T soda ash / salt mixture (see page 9).
Mix 1¼C Clear Orange and ⅔C Black to dye all 6 pieces.

1 yd: 1t Black + fill to 1C with Orange
¼ yd: ¼t Black + fill to ¼C with Orange



1 yd: 2t Black + fill to 1C with Orange
¼ yd: ½t Black + fill to ¼C with Orange



1 yd: 4t Black + fill to 1C with Orange
¼ yd: 1t Black + fill to ¼C with Orange

1 yd: 8t Black + fill to 1C with Orange
¼ yd: 2t Black + fill to ¼C with Orange

1 yd: ½C Black + ½C Orange
¼ yd: 2T Black + 2T Orange

1 yd: ⅔C Black + ⅓C Orange
¼ yd: (2T + 2t) Black + 4t Orange

Clear Orange-Red, Dark to Light

See page 9 to make the needed amounts of liquid dye.

Orange-Red: Mix ⅓C Strong Orange or Deep Orange and (2T + 2t) Fuchsia to make ½C Clear Orange-Red. Multiply as needed for larger quantities.
For 1-yard pieces in 1-gallon bags: Pour the given amount of mixed liquid dye into a measuring cup, and fill to 4C with water.
Add ¼C soda ash / salt mixture (see page 9).
Mix 2C Clear Orange-Red to dye all 6 pieces.

For fat quarters in 1-quart bags: Pour the given amount of mixed liquid dye into a measuring cup, and fill to 1C with water.
Add 1T soda ash / salt mixture (see page 9).
Mix ½C Clear Orange-Red to dye all 6 pieces.

1 yd: 1C Orange-Red
¼ yd: ¼C Orange-Red

1 yd: ½C Orange-Red
¼ yd: 2T Orange-Red

1 yd: ¼C Orange-Red
¼ yd: 1T Orange-Red

1 yd: 2T Orange-Red
¼ yd: 1½t Orange-Red

1 yd: 1½t Orange-Red
¼ yd: (¼t + ⅛t) Orange-Red

1 yd: (¼t + ⅛t) Orange-Red
¼ yd: 12d Orange-Red

Muted Orange, Dark to Light

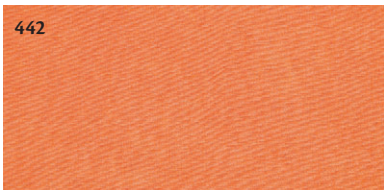
See page 9 to make the needed amounts of liquid dye.

Muted Orange: Mix (6T + 1T) Tangerine or Golden Yellow and 5t Strongest Red or Chinese Red to make ½C Muted Orange. Multiply as needed for larger quantities.

For 1-yard pieces in 1-gallon bags: Pour the given amount of mixed liquid dye into a measuring cup, and fill to 4C with water. Add ¼C soda ash / salt mixture (see page 9).
Mix 2C Muted Orange to dye all 6 pieces.

For fat quarters in 1-quart bags: Pour the given amount of mixed liquid dye into a measuring cup, and fill to 1C with water. Add 1T soda ash / salt mixture (see page 9).
Mix ½C Muted Orange to dye all 6 pieces.

1 yd: 1C Orange
¼ yd: ¼C Orange



1 yd: ½C Orange
¼ yd: 2T Orange

1 yd: ¼C Orange
¼ yd: 1T Orange

1 yd: 2T Orange
¼ yd: 1½t Orange

1 yd: 1½t Orange
¼ yd: (¼t + ⅛t) Orange

1 yd: (¼t + ⅛t) Orange
¼ yd: 12d Orange

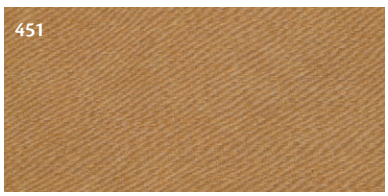
Muted Orange to Muted Blue Complementary Cross

See page 9 to make the needed amounts of liquid dye.

Muted Orange: Mix (3T + ½t) Tangerine or Golden Yellow and 2½t Strongest Red or Chinese Red to make ¼C Muted Orange.
Muted Blue: Use Cobalt or Mixing Blue.

For 1-yard pieces in 1-gallon bags: Pour the given amount of mixed liquid dye into a measuring cup, and fill to 4C with water. Add ¼C soda ash / salt mixture (see page 9).
Mix 3C Muted Orange and 2C Muted Blue to dye all 6 pieces.

For fat quarters in 1-quart bags: Pour the given amount of mixed liquid dye into a measuring cup, and fill to 1C with water. Add 1T soda ash / salt mixture (see page 9).
Mix ¾C Muted Orange and ½C Muted Blue to dye all 6 pieces.



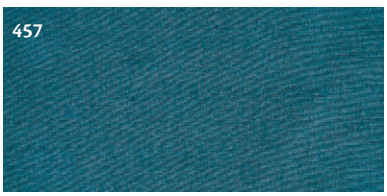
1 yd: (½C + 4t) Orange + 2t Blue
¼ yd: 7t Orange + ½t Blue

1 yd: (½C + 4t) Orange + 4t Blue
¼ yd: 7t Orange + 1t Blue

1 yd: (½C + 4t) Orange + (2T + 2t) Blue
¼ yd: 7t Orange + 2t Blue

1 yd: ½C Orange + ¼C Blue
¼ yd: 2T Orange + 1T Blue

1 yd: (6T + 2t) Orange + (6T + 2t) Blue
¼ yd: 5t Orange + 5t Blue



1 yd: 8t Orange + (½C + 4t) Blue
¼ yd: 2t Orange + 7t Blue

Muted Orange to Muted Blue Complementary Cross, Dark to Light

See page 9 to make the needed amounts of liquid dye.

Muted Orange: Mix (3T + ½t) Tangerine or Golden Yellow and 2½t Strongest Red or Chinese Red to make ¼C Muted Orange.
Muted Blue: Use Cobalt or Mixing Blue.
For 1-yard pieces in 1-gallon bags: Pour the given amount of mixed liquid dye into a measuring cup, and fill to 4C with water. Add ¼C soda ash / salt mixture (see page 9).
Mix 3C Muted Orange and 2C Muted Blue to dye all 24 pieces.

For fat quarters in 1-quart bags: Pour the given amount of mixed liquid dye into a measuring cup, and fill to 1C with water. Add 1T soda ash / salt mixture (see page 9).
Mix 1C Muted Orange and ½C Muted Blue to dye all 24 pieces.

1 yd: (¼C + 2t) Orange + 1t Blue
¼ yd: 3½t Orange + ¼t Blue

1 yd: (¼C + 2t) Orange + 2t Blue
¼ yd: 3½t Orange + ½t Blue

1 yd: (¼C + 2t) Orange + (1T + 1t) Blue
¼ yd: 3½t Orange + 1t Blue

1 yd: (2T + 1t) Orange + ½t Blue
¼ yd: 1¾t Orange + ⅛t Blue

1 yd: (2T + 1t) Orange + 1t Blue
¼ yd: 1¾t Orange + ¼t Blue

1 yd: (2T + 1t) Orange + 2t Blue
¼ yd: 1¾t Orange + ½t Blue

1 yd: 1¾t Orange + ⅛t Blue
¼ yd: (⅜t + 8d) Orange + 4d Blue

1 yd: 1¾t Orange + ¼t Blue
¼ yd: (⅜t + 8d) Orange + 8d Blue

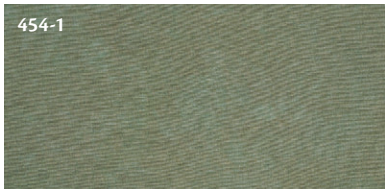
1 yd: 1¾t Orange + ½t Blue
¼ yd: (⅜t + 8d) Orange + ⅛t Blue

1 yd: (⅜t + 8d) Orange + 4d Blue
¼ yd: 14d Orange + 1d Blue

1 yd: (⅜t + 8d) Orange + 8d Blue
¼ yd: 14d Orange + 2d Blue

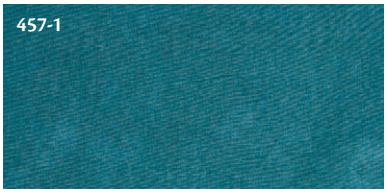
1 yd: (⅜t + 8d) Orange + ¼t Blue
¼ yd: 14d Orange + 4d Blue

Muted Orange to Muted Blue Complementary Cross, Dark to Light (cont.)



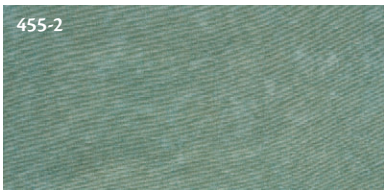
1 yd: ¼C Orange + 2T Blue
¼ yd: 1T Orange + 1½t Blue

1 yd: (3T + 1t) Orange + (3T + 1t) Blue
¼ yd: 2½t Orange + 2½t Blue

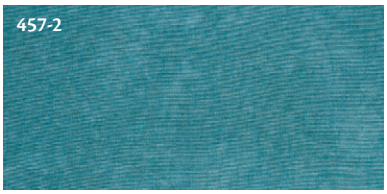


1 yd: 4t Orange + (¼C + 2t) Blue
¼ yd: 1t Orange + 3½t Blue

1 yd: 2T Orange + 1T Blue
¼ yd: 1½t Orange + ¾t Blue



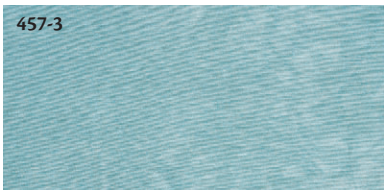
1 yd: (1T + 2t) Orange + (1T + 2t) Blue
¼ yd: 1¼t Orange + 1¼t Blue



1 yd: 2t Orange + (2T + 1t) Blue
¼ yd: ½t Orange + 1¾t Blue

1 yd: 1½t Orange + ¾t Blue
¼ yd: ⅜t Orange + (⅛t + 8d) Blue

1 yd: 1¼t Orange + 1¼t Blue
¼ yd: (¼t + 8d) Orange + (¼t + 8d) Blue



1 yd: ½t Orange + 1¾t Blue
¼ yd: ⅛t Orange + (⅜t + 8d) Blue

1 yd: ⅜t Orange + (⅛t + 8d) Blue
¼ yd: 12d Orange + 6d Blue

1 yd: (¼t + 8d) Orange + (¼t + 8d) Blue
¼ yd: 10d Orange + 10d Blue

1 yd: ⅛t Orange + (⅜t + 8d) Blue
¼ yd: 4d Orange + 14d Blue

Muted Orange to Black, Dark to Light

See page 9 to make the needed amounts of liquid dye.

Muted Orange: Mix 1T Strongest Red or Chinese Red and (¼C + 3T) Golden Yellow or Tangerine to make ½C Muted Orange. Multiply as needed for larger quantities.

Black: Use Black #39.

For 1-yard pieces in 1-gallon bags: Pour the given amount of mixed liquid dye into a measuring cup, and fill to 4C with water.
Add ¼C soda ash / salt mixture (see page 9).
Mix 5C Muted Orange and 1½C Black to dye all 24 pieces.

For fat quarters in 1-quart bags: Pour the given amount of mixed liquid dye into a measuring cup, and fill to 1C with water.
Add 1T soda ash / salt mixture (see page 9).
Mix 1¼C Muted Orange and ⅓C Black to dye all 24 pieces.

1 yd: ¼t Black + fill to ½C with Orange
¼ yd: 8d Black + fill to 2T with Orange

1 yd: 1t Black + (¼C + 3T + 2t) Orange
¼ yd: ¼t Black + 5¾t Orange

1 yd: 2t Black + fill to ½C with Orange
¼ yd: ½t Black + (1T + 2½t) Orange

1 yd: ⅛t Black + fill to ¼C with Orange
¼ yd: 4d Black + fill to 1T with Orange

1 yd: ½t Black + (3T + 2½t) Orange
¼ yd: ⅛t Black + 2¾t Orange

1 yd: 1t Black + fill to ¼C with Orange
¼ yd: ¼t Black + 2¾t Orange

1 yd: 4d Black + (2¾t + ⅛t + 14d) Orange
¼ yd: 1d Black + ¾t Orange

1 yd: ⅛t Black + (2¾t + ⅛t) Orange
¼ yd: 4d Black + (½t + ⅛t + 8d) Orange

1 yd: ¼t Black + (½t + ⅛t + 8d) Orange
¼ yd: 8d Black + (⅝t + 8d) Orange

1 yd: 1d Black + ¾t Orange
¼ yd: ¼d Black + (⅛t + 8d) Orange
(see page 10)

1 yd: 4d Black + (½t + ⅛t + 8d) Orange
¼ yd: 1d Black + (⅛t + 6d) Orange

1 yd: 8d Black + (½t + ⅛t + 8d) Orange
¼ yd: 2d Black + (⅛t + 6d) Orange

Muted Orange to Black, Dark to Light (cont.)

1 yd: 4t Black + fill to ½C with Orange
¼ yd: 1t Black + (1T + 2t) Orange

1 yd: 8t Black + fill to ½C with Orange
¼ yd: 2t Black + (1T + 1t) Orange

1 yd: ⅓C Black + (2T + 2t) Orange
¼ yd: (1T + 1t) Black + 2t Orange

1 yd: 2t Black + (3T + 1t) Orange
¼ yd: ½t Black + 2½t Orange

1 yd: 4t Black + (2T + 2t) Orange
¼ yd: 1t Black + 2t Orange

1 yd: (2T + 2t) Black + (1T + 1t) Orange
¼ yd: 2t Black + 1t Orange

1 yd: ½t Black + 2½t Orange
¼ yd: ⅛t Black + (½t + ⅛t) Orange

1 yd: 1t Black + 2t Orange
¼ yd: ¼t Black + ½t Orange

1 yd: 2t Black + 1t Orange
¼ yd: ½t Black + ¼t Orange

1 yd: ⅛t Black + (½t + ⅛t + 8d) Orange
¼ yd: 4d Black + (⅛t + 4d) Orange

1 yd: ¼t Black + ½t Orange
¼ yd: 8d Black + ⅛t Orange

1 yd: ½t Black + ¼t Orange
¼ yd: ⅛t Black + 8d Orange

Muted Orange to Black

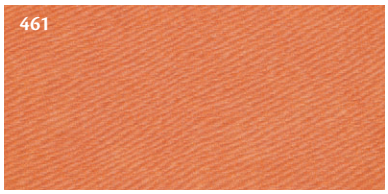
See page 9 to make the needed amounts of liquid dye.

Muted Orange: Mix 1T Strongest Red or Chinese Red and (¼C + 3T) Golden Yellow or Tangerine to make ½C Muted Orange. Multiply as needed for larger quantities.

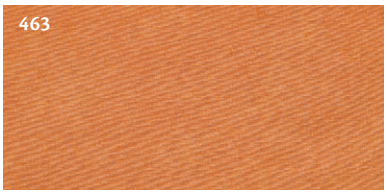
Black: Use Black #39.

For 1-yard pieces in 1-gallon bags: Pour the given amount of mixed liquid dye into a measuring cup, and fill to 4C with water. Add ¼C soda ash / salt mixture (see page 9).
Mix 5C Muted Orange and 1½C Black to dye all 6 pieces.

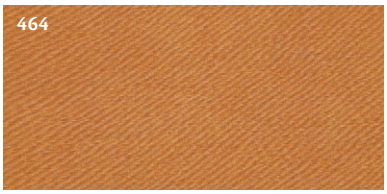
For fat quarters in 1-quart bags: Pour the given amount of mixed liquid dye into a measuring cup, and fill to 1C with water. Add 1T soda ash / salt mixture (see page 9).
Mix 1¼C Muted Orange and ⅓C Black to dye all 6 pieces.



1 yd: ½t Black + fill to 1C with Orange
¼ yd: ⅛t Black + fill to ¼C with Orange



1 yd: 2t Black + fill to 1C with Orange
¼ yd: ½t Black + fill to ¼C with Orange



1 yd: 4t Black + fill to 1C with Orange
¼ yd: 1t Black + fill to ¼C with Orange

1 yd: 8t Black + fill to 1C with Orange
¼ yd: 2t Black + fill to ¼C with Orange

1 yd: ⅓C Black + ⅔C Orange
¼ yd: 4t Black + (2T + 2t) Orange

1 yd: ⅔C Black + ⅓C Orange
¼ yd: (2T + 2t) Black + (1T + 1t) Orange

Muted Orange-Red, Dark to Light

See page 9 to make the needed amounts of liquid dye.

Muted Orange-Red: Mix 1T Strongest Red or Chinese Red and 3T Golden Yellow or Tangerine to make ¼C Muted Orange-Red. Multiply as needed for larger quantities.

For 1-yard pieces in 1-gallon bags: Pour the given amount of mixed liquid dye into a measuring cup, and fill to 4C with water. Add ¼C soda ash / salt mixture (see page 9).
Mix 2C Muted Orange-Red to dye all 6 pieces.

For fat quarters in 1-quart bags: Pour the given amount of mixed liquid dye into a measuring cup, and fill to 1C with water. Add 1T soda ash / salt mixture (see page 9).
Mix ½C Muted Orange-Red to dye all 6 pieces.

1 yd: 1C Orange-Red
¼ yd: ¼C Orange-Red

1 yd: ½C Orange-Red
¼ yd: 2T Orange-Red

1 yd: ¼C Orange-Red
¼ yd: 1T Orange-Red

1 yd: 2T Orange-Red
¼ yd: 1½t Orange-Red

1 yd: 1½t Orange-Red
¼ yd: (¼t + ⅛t) Orange-Red

1 yd: (¼t + ⅛t) Orange-Red
¼ yd: 12d Orange-Red

Reds

Clear Red, Dark to Light

See page 9 to make the needed amounts of liquid dye.

Clear Red: Use Fuchsia.

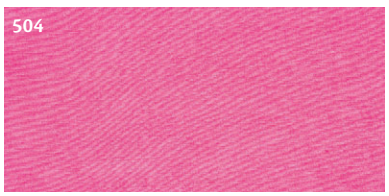
For 1-yard pieces in 1-gallon bags: Pour the given amount of mixed liquid dye into a measuring cup, and fill to 4C with water.
Add ¼C soda ash / salt mixture (see page 9).
Mix 2C Clear Red to dye all 6 pieces

For fat quarters in 1-quart bags: Pour the given amount of mixed liquid dye into a measuring cup, and fill to 1C with water.
Add 1T soda ash / salt mixture (see page 9).
Mix ½C Clear Red to dye all 6 pieces.

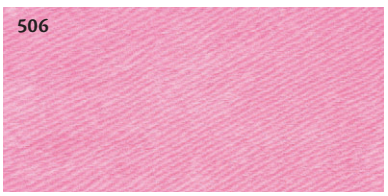
1 yd: 1C Red
¼ yd: ¼C Red

1 yd: ½C Red
¼ yd: 2T Red

1 yd: ¼C Red
¼ yd: 1T Red



1 yd: 2T Red
¼ yd: 1½t Red



1 yd: 1½t Red
¼ yd: (¼t + ⅛t) Red

1 yd: (¼t + ⅛t) Red
¼ yd: 12d Red

Clear Red to Clear Green Complementary Cross

See page 9 to make the needed amounts of liquid dye.

Clear Red: Use Fuchsia.

Clear Green: Mix equal amounts Kelly Green and Brightest Green.

For 1-yard pieces in 1-gallon bags: Pour the given amount of mixed liquid dye into a measuring cup, and fill to 4C with water.
Add ¼C soda ash / salt mixture (see page 9).
Mix 1½C Clear Red and 3C Clear Green to dye all 6 pieces.

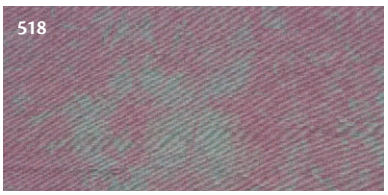
For fat quarters in 1-quart bags: Pour the given amount of mixed liquid dye into a measuring cup, and fill to 1C with water.
Add 1T soda ash / salt mixture (see page 9).
Mix ½C Clear Red and ¾C Clear Green to dye all 6 pieces.

1 yd: ½C Red + ¼C Green
¼ yd: 2T Red + 1T Green

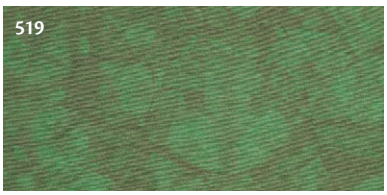
1 yd: (6T + 2t) Red + (6T + 2t) Green
¼ yd: 5t Red + 5t Green

1 yd: ¼C Red + ½C Green
¼ yd: 1T Red + 2T Green

1 yd: 8t Red + (½C + 4t) Green
¼ yd: 2t Red + 7t Green



1 yd: 4t Red + (½C + 4t) Green
¼ yd: 1t Red + 7t Green



1 yd: 2t Red + (½C + 4t) Green
¼ yd: ½t Red + 7t Green

Clear Red to Clear Green Complementary Cross, Dark to Light

See page 9 to make the needed amounts of liquid dye.

Clear Red: Use Fuchsia.

Clear Green: Mix equal amounts Kelly Green and Brightest Green.

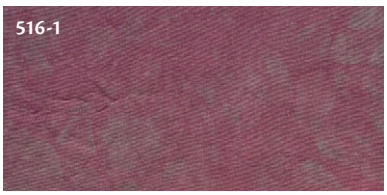
For 1-yard pieces in 1-gallon bags: Pour the given amount of mixed liquid dye into a measuring cup, and fill to 4C with water. Add ¼C soda ash / salt mixture (see page 9).
Mix 1½C Clear Red and 3C Clear Green to dye all 24 pieces.

For fat quarters in 1-quart bags: Pour the given amount of mixed liquid dye into a measuring cup, and fill to 1C with water. Add 1T soda ash / salt mixture (see page 9).
Mix ½C Clear Red and ¾C Clear Green to dye all 24 pieces.

note The Red very quickly overwhelms the Green, and it is very difficult to keep the colors from separating. Agitating more frequently than every 10 minutes for the first half hour can help you get more even texture and color.

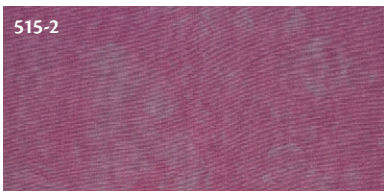
1 yd: ¼C Red + 2T Green
¼ yd: 1T Red + 1½t Green

1 yd: (3T + 1t) Red + (3T + 1t) Green
¼ yd: 2½t Red + 2½t Green

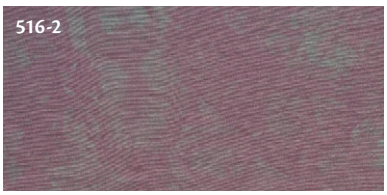


1 yd: 2T Red + ¼C Green
¼ yd: 1½t Red + 1T Green

1 yd: 2T Red + 1T Green
¼ yd: 1½t Red + ¾t Green

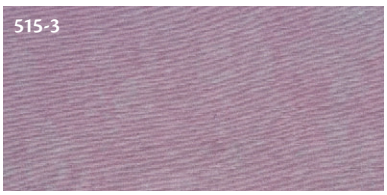


1 yd: (1T + 2t) Red + (1T + 2t) Green
¼ yd: 1¼t Red + 1¼t Green

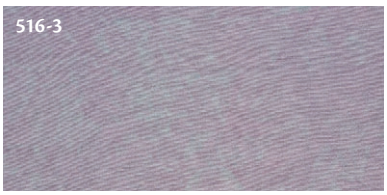


1 yd: 1T Red + 2T Green
¼ yd: ¾t Red + 1½t Green

1 yd: 1½t Red + ¾t Green
¼ yd: ⅜t Red + (⅛t + 8d) Green



1 yd: 1¼t Red + 1¼t Green
¼ yd: (¼t + 8d) Red + (¼t + 8d) Green



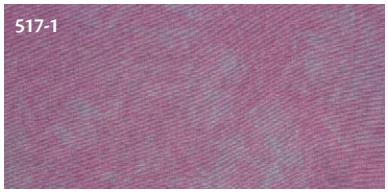
1 yd: ¾t Red + 1½t Green
¼ yd: (⅛t + 8d) Red + ⅜t Green

1 yd: ⅜t Red + (⅛t + 8d) Green
¼ yd: 12d Red + 6d Green

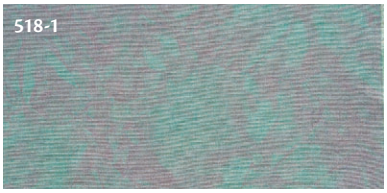
1 yd: (¼t + 8d) Red + (¼t + 8d) Green
¼ yd: 10d Red + 10d Green

1 yd: (⅛t + 8d) Red + ⅜t Green
¼ yd: 6d Red + 12d Green

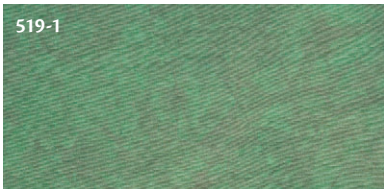
Clear Red to Clear Green Complementary Cross, Dark to Light (cont.)



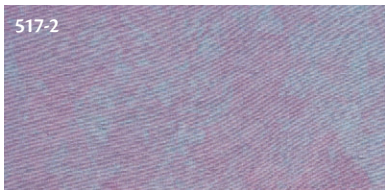
1 yd: 4t Red + (¼C + 2t) Green
¼ yd: 1t Red + 3½t Green



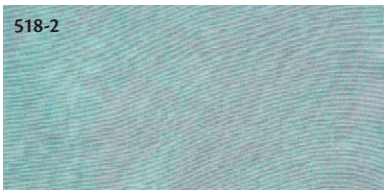
1 yd: 2t Red + (¼C + 2t) Green
¼ yd: ½t Red + 3½t Green



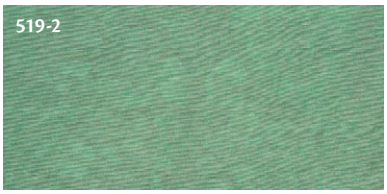
1 yd: 1t Red + (¼C + 2t) Green
¼ yd: ¼t Red + 3½t Green



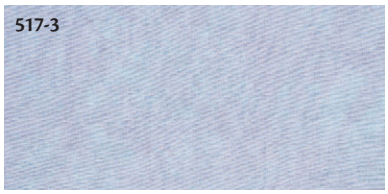
1 yd: 2t Red + (2T + 1t) Green
¼ yd: ½t Red + 1¾t Green



1 yd: 1t Red + (2T + 1t) Green
¼ yd: ¼t Red + 1¾t Green



1 yd: ½t Red + (2T + 1t) Green
¼ yd: ⅛t Red + 1¾t Green



1 yd: ½t Red + 1¾t Green
¼ yd: ⅛t Red + (⅜t + 8d) Green

1 yd: ¼t Red + 1¾t Green
¼ yd: 8d Red + (⅜t + 8d) Green

1 yd: ⅛t Red + 1¾t Green
¼ yd: 4d Red + (⅜t + 8d) Green

1 yd: ⅛t Red + (⅜t + 8d) Green
¼ yd: 4d Red + 14d Green

1 yd: 8d Red + (⅜t + 8d) Green
¼ yd: 2d Red + 14d Green

1 yd: 4d Red + (⅜t + 8d) Green
¼ yd: 1d Red + 14d Green

Clear Red to Black, Dark to Light

See page 9 to make the needed amounts of liquid dye.

Clear Red: Use Fuchsia.

Black: Use New Black.

For 1-yard pieces in 1-gallon bags: Pour the given amount of mixed liquid dye into a measuring cup, and fill to 4C with water.

Add ¼C soda ash / salt mixture (see page 9).

Mix 4½C Clear Red and 2C Black to dye all 24 pieces.

For fat quarters in 1-quart bags: Pour the given amount of mixed liquid dye into a measuring cup, and fill to 1C with water.

Add 1T soda ash / salt mixture (see page 9).

Mix 1¼C Clear Red and ½C Black to dye all 24 pieces.

1 yd: 1t Black + fill to ½C with Red
¼ yd: ¼t Black + 5¾t Red

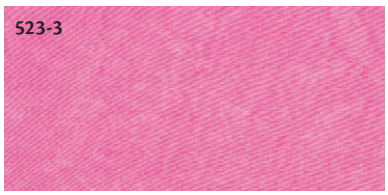
1 yd: 2t Black + fill to ½C with Red
¼ yd: ½t Black + (1T + 2½t) Red

1 yd: 4t Black + fill to ½C with Red
¼ yd: 1t Black + (1T + 2t) Red

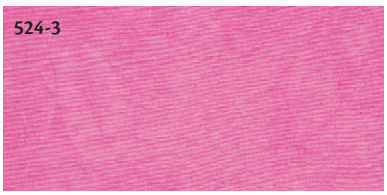
1 yd: ½t Black + (3T + 2½t) Red
¼ yd: ⅛t Black + 2¾t Red

1 yd: 1t Black + fill to ¼C with Red
¼ yd: ¼t Black + 2¾t Red

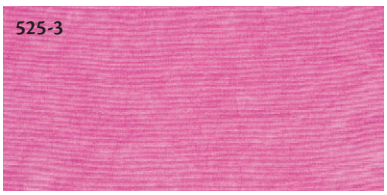
1 yd: 2t Black + (3T + 1t) Red
¼ yd: ½t Black + 2½t Red



1 yd: ⅛t Black + (2¾t + ⅛t) Red
¼ yd: 4d Black + (½t + ⅛t + 8d) Red

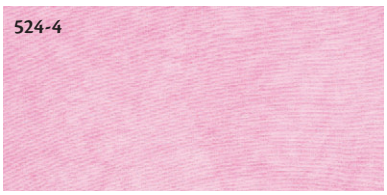


1 yd: ¼t Black + 2¾t Red
¼ yd: 8d Black + (½t + ⅛t + 8d) Red

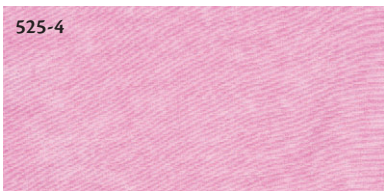


1 yd: ½t Black + 2½t Red
¼ yd: ⅛t Black + (½t + ⅛t) Red

1 yd: 4d Black + (½t + ⅛t + 8d) Red
¼ yd: 1d Black + (⅛t + 6d) Red



1 yd: 8d Black + (½t + ⅛t + 8d) Red
¼ yd: 2d Black + (⅛t + 6d) Red



1 yd: ⅛t Black + (½t + ⅛t) Red
¼ yd: 4d Black + (⅛t + 4d) Red

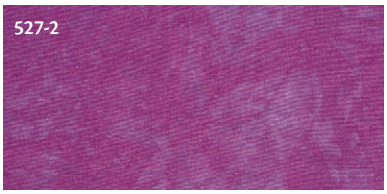
Clear Red to Black, Dark to Light (cont.)

1 yd: 8t Black + fill to ½C with Red
¼ yd: 2t Black + (1T + 1t) Red

1 yd: ¼C Black + ¼C Red
¼ yd: 1T Black + 1T Red

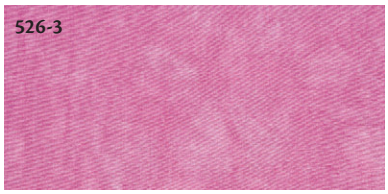
1 yd: ⅓C Black + (2T + 2t) Red
¼ yd: (1T + 1t) Black + 2t Red

1 yd: 4t Black + (2T + 2t) Red
¼ yd: 1t Black + 2t Red

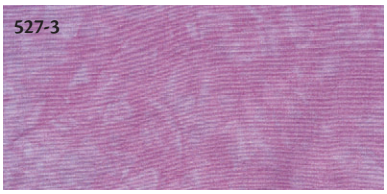


1 yd: 2T Black + 2T Red
¼ yd: 1½t Black + 1½t Red

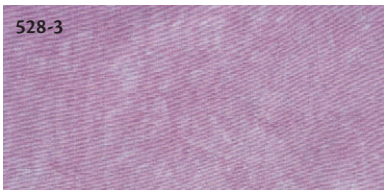
1 yd: (2T + 2t) Black + (1T + 1t) Red
¼ yd: 2t Black + 1t Red



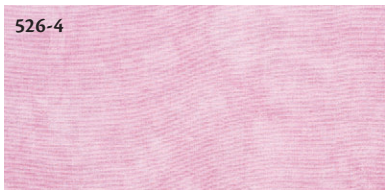
1 yd: 1t Black + 2t Red
¼ yd: ¼t Black + ½t Red



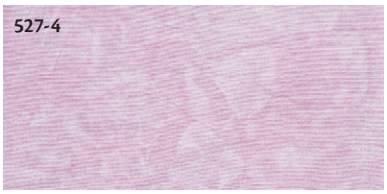
1 yd: 1½t Black + 1½t Red
¼ yd: ⅜t Black + ⅜t Red



1 yd: 2t Black + 1t Red
¼ yd: ½t Black + ¼t Red



1 yd: ¼t Black + ½t Red
¼ yd: 8d Black + ⅛t Red



1 yd: ⅜t Black + ⅜t Red
¼ yd: 12d Black + 12d Red

1 yd: ½t Black + ¼t Red
¼ yd: ⅛t Black + 8d Red

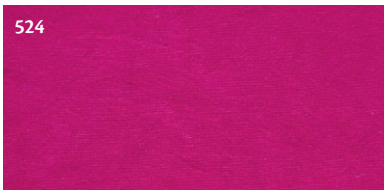
Clear Red to Black

See page 9 to make the needed amounts of liquid dye.

Clear Red: Use Fuchsia.
Black: Use New Black.
For 1-yard pieces in 1-gallon bags: Pour the given amount of mixed liquid dye into a measuring cup, and fill to 4C with water.
Add ¼C soda ash / salt mixture (see page 9).
Mix 4½C Clear Red and 2C Black to dye all 6 pieces.

For fat quarters in 1-quart bags: Pour the given amount of mixed liquid dye into a measuring cup, and fill to 1C with water.
Add 1T soda ash / salt mixture (see page 9).
Mix 1¼C Clear Red and ½C Black to dye all 6 pieces.

1 yd: 2t Black + fill to 1C with Red
¼ yd: ½t Black + fill to ¼C with Red



1 yd: 4t Black + fill to 1C with Red
¼ yd: 1t Black + fill to ¼C with Red

1 yd: 8t Black + fill to 1C with Red
¼ yd: 2t Black + fill to ¼C with Red

1 yd: ⅓C Black + ⅔C Red
¼ yd: 4t Black + (2T + 2t) Red

1 yd: ½C Black + ½C Red
¼ yd: 2T Black + 2T Red

1 yd: ⅔C Black + ⅓C Red
¼ yd: (2T + 2t) Black + 4t Red

Clear Red-Violet, Dark to Light

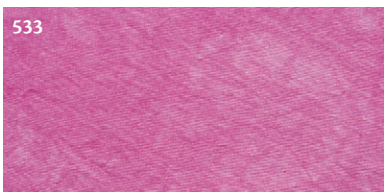
See page 9 to make the needed amounts of liquid dye.

Clear Red-Violet: Mix ¼C Fuchsia and (¼C + 2t) Grape to make ½C Clear Red-Violet. Multiply as needed for larger quantities.
For 1-yard pieces in 1-gallon bags: Pour the given amount of mixed liquid dye into a measuring cup, and fill to 4C with water.
Add ¼C soda ash / salt mixture (see page 9).
Mix 2C Clear Red-Violet to dye all 6 pieces.

For fat quarters in 1-quart bags: Pour the given amount of mixed liquid dye into a measuring cup, and fill to 1C with water.
Add 1T soda ash / salt mixture (see page 9).
Mix ½C Clear Red-Violet to dye all 6 pieces.

1 yd: 1C Red-Violet
¼ yd: ¼C Red-Violet

1 yd: ½C Red-Violet
¼ yd: 2T Red-Violet



1 yd: ¼C Red-Violet
¼ yd: 1T Red-Violet

1 yd: 2T Red-Violet
¼ yd: 1½t Red-Violet

1 yd: 1½t Red-Violet
¼ yd: (¼t + ⅛t) Red-Violet

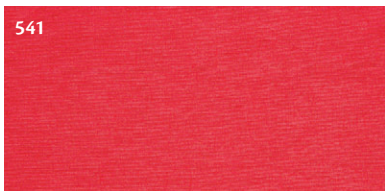
1 yd: (¼t + ⅛t) Red-Violet
¼ yd: 12d Red-Violet

Muted Red, Dark to Light

See page 9 to make the needed amounts of liquid dye.

Muted Red: Use Strongest Red or Chinese Red.
For 1-yard pieces in 1-gallon bags: Pour the given amount of mixed liquid dye into a measuring cup, and fill to 4C with water.
Add ¼C soda ash / salt mixture (see page 9).
Mix 2C Muted Red to dye all 6 pieces.

For fat quarters in 1-quart bags: Pour the given amount of mixed liquid dye into a measuring cup, and fill to 1C with water.
Add 1T soda ash / salt mixture (see page 9).
Mix ½C Muted Red to dye all 6 pieces.



1 yd: 1C Red
¼ yd: ¼C Red

1 yd: ½C Red
¼ yd: 2T Red

1 yd: 2T Red
¼ yd: 1½t Red

1 yd: 1T Red
¼ yd: ¾t Red

1 yd: ¾t Red
¼ yd: (⅛t + 8d) Red

1 yd: (¼t + ⅛t) Red
¼ yd: 12d Red

Muted Red to Muted Green Complementary Cross

See page 9 to make the needed amounts of liquid dye.

Muted Red: Use Strongest Red or Chinese Red.
Muted Green: Mix 5T Tangerine or Golden Yellow and 3T Cobalt or Mixing Blue to make ½C Muted Green. Multiply as needed for larger quantities.
For 1-yard pieces in 1-gallon bags: Pour the given amount of mixed liquid dye into a measuring cup, and fill to 4C with water.
Add ¼C soda ash / salt mixture (see page 9).
Mix 2¼C Muted Red and 2½C Muted Green to dye all 6 pieces.

For fat quarters in 1-quart bags: Pour the given amount of mixed liquid dye into a measuring cup, and fill to 1C with water.
Add 1T soda ash / salt mixture (see page 9).
Mix ½C Muted Red and 1C Muted Green to dye all 6 pieces.

1 yd: (½C + 4t) Red + (2T + 2t) Green
¼ yd: 7t Red + 2t Green

1 yd: ½C Red + ¼C Green
¼ yd: 2T Red + 1T Green

1 yd: (6T + 2t) Red + (6T + 2t) Green
¼ yd: 5t Red + 5t Green

1 yd: ¼C Red + ½C Green
¼ yd: 1T Red + 2T Green

1 yd: 8t Red + (½C + 4t) Green
¼ yd: 2t Red + 7t Green

1 yd: 4t Red + (½C + 4t) Green
¼ yd: 1t Red + 7t Green

Muted Red to Muted Green Complementary Cross, Dark to Light

See page 9 to make the needed amounts of liquid dye.

Muted Red: Use Strongest Red or Chinese Red.

Muted Green: Mix 5T Tangerine or Golden Yellow and 3T Cobalt or Mixing Blue to make ½C Muted Green. Multiply as needed for larger quantities.

For 1-yard pieces in 1-gallon bags: Pour the given amount of mixed liquid dye into a measuring cup, and fill to 4C with water. Add ¼C soda ash / salt mixture (see page 9).

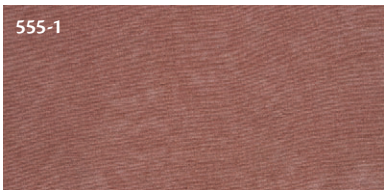
Mix 2¼C Muted Red and 2½C Muted Green to dye all 24 pieces.

For fat quarters in 1-quart bags: Pour the given amount of mixed liquid dye into a measuring cup, and fill to 1C with water. Add 1T soda ash / salt mixture (see page 9).

Mix ½C Muted Red and 1C Muted Green to dye all 24 pieces.

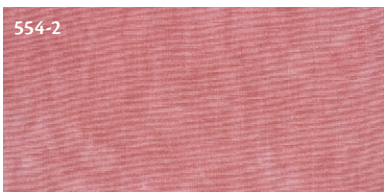
1 yd: (¼C + 2t) Red + (1T + 1t) Green
¼ yd: 3½t Red + 1t Green

1 yd: ¼C Red + 2T Green
¼ yd: 1T Red + 1½t Green



1 yd: (3T + 1t) Red + (3T + 1t) Green
¼ yd: 2½t Red + 2½t Green

1 yd: (2T + 1t) Red + 2t Green
¼ yd: 1¾t Red + ½t Green



1 yd: 2T Red + 1T Green
¼ yd: 1½t Red + ¾t Green

1 yd: (1T + 2t) Red + (1T + 2t) Green
¼ yd: 1¼t Red + 1¼t Green

1 yd: 1¾t Red + ½t Green
¼ yd: (⅜t + 8d) Red + ⅛t Green

1 yd: 1½t Red + ¾t Green
¼ yd: ⅜t Red + (⅛t + 8d) Green

1 yd: 1¼t Red + 1¼t Green
¼ yd: (¼t + 8d) Red + (¼t + 8d) Green

1 yd: (⅜t + 8d) Red + ⅛t Green
¼ yd: 14d Red + 4d Green

1 yd: ⅜t Red + (⅛t + 8d) Green
¼ yd: 12d Red + 6d Green

1 yd: (¼t + 8d) Red + (¼t + 8d) Green
¼ yd: 10d Red + 10d Green

note The Red very quickly overwhelms the Green, and it is very difficult to keep the colors from separating. Agitating more frequently than every 10 minutes for the first half hour can help you get more even texture and color.

Muted Red to Muted Green Complementary Cross, Dark to Light (cont.)

1 yd: 2T Red + ¼C Green
¼ yd: 1½t Red + 1T Green

1 yd: 4t Red + (¼C + 2t) Green
¼ yd: 1t Red + 3½t Green

1 yd: 2t Red + (¼C + 2t) Green
¼ yd: ½t Red + 3½t Green

1 yd: 1T Red + 2T Green
¼ yd: ¾t Red + 1½t Green

1 yd: 2t Red + (2T + 1t) Green
¼ yd: ½t Red + 1¾t Green

1 yd: 1t Red + (2T + 1t) Green
¼ yd: ¼t Red + 1¾t Green

1 yd: ¾t Red + 1½t Green
¼ yd: (⅛t + 8d) Red + ⅜t Green

1 yd: ½t Red + 1¾t Green
¼ yd: ⅛t Red + (⅜t + 8d) Green

1 yd: ¼t Red + 1¾t Green
¼ yd: 8d Red + (⅜t + 8d) Green

1 yd: (⅛t + 8d) Red + ⅜t Green
¼ yd: 6d Red + 12d Green

1 yd: ⅛t Red + (⅜t + 8d) Green
¼ yd: 4d Red + 14d Green

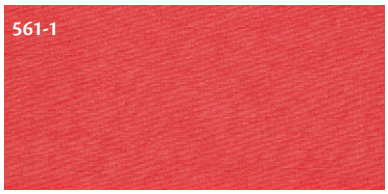
1 yd: 8d Red + (⅜t + 8d) Green
¼ yd: 2d Red + 14d Green

Muted Red to Black, Dark to Light

See page 9 to make the needed amounts of liquid dye.

Muted Red: Use Strongest Red or Chinese Red.
Black: Use New Black.
For 1-yard pieces in 1-gallon bags: Pour the given amount of mixed liquid dye into a measuring cup, and fill to 4C with water.
Add ¼C soda ash / salt mixture (see page 9).
Mix 4⅔C Muted Red and 1¾C Black to dye all 24 pieces.

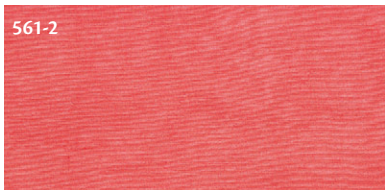
For fat quarters in 1-quart bags: Pour the given amount of mixed liquid dye into a measuring cup, and fill to 1C with water.
Add 1T soda ash / salt mixture (see page 9).
Mix 1¼C Muted Red and ½C Black to dye all 24 pieces.



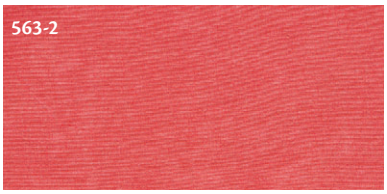
1 yd: ¼t Black + fill to ½C with Red
¼ yd: 8d Black + 2T Red

1 yd: 1t Black + (¼C + 3T + 2t) Red
¼ yd: ¼t Black + 5¾t Red

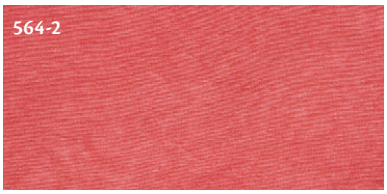
1 yd: 2t Black + fill to ½C with Red
¼ yd: ½t Black + (1T + 2½t) Red



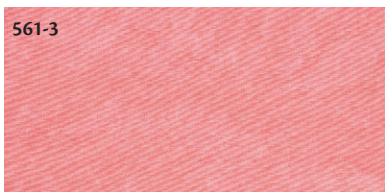
1 yd: ⅛t Black + fill to ¼C with Red
¼ yd: 4d Black + (2¾t + ⅛t + 14d) Red



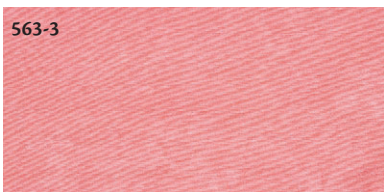
1 yd: ½t Black + (3T + 2½t) Red
¼ yd: ⅛t Black + 2¾t Red



1 yd: 1t Black + fill to ¼C with Red
¼ yd: ¼t Black + 2¾t Red



1 yd: 4d Black + (2¾t + ⅛t + 14d) Red
¼ yd: 1d Black + ¾t Red



1 yd: ⅛t Black + (2¾t + ⅛t) Red
¼ yd: 4d Black + (½t + ⅛t + 8d) Red

1 yd: ¼t Black + 2¾t Red
¼ yd: 8d Black + (½t + ⅛t + 8d) Red

1 yd: 1d Black + ¾t Red
¼ yd: ¼d Black + (⅛t +8d) Red (see page 10)

1 yd: 4d Black + (½t + ⅛t + 8d) Red
¼ yd: 1d Black + (⅛t + 8d) Red

1 yd: 8d Black + (½t + ⅛t + 8d) Red
¼ yd: 2d Black + (⅛t + 6d) Red

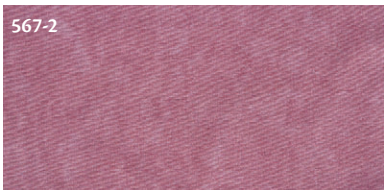
Muted Red to Black, Dark to Light (cont.)

1 yd: 4t Black + fill to ½C with Red
¼ yd: 1t Black + (1T + 2t) Red

1 yd: ¼C Black + ¼C Red
¼ yd: 1T Black + 1T Red

1 yd: ⅓C Black + (2T + 2t) Red
¼ yd: (1T + 1t) Black + 2t Red

1 yd: 2t Black + (3T + 1t) Red
¼ yd: ½t Black + 2½t Red

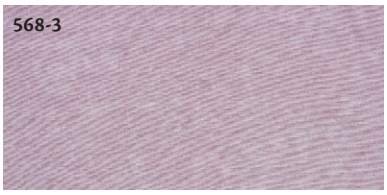


1 yd: 2T Black + 2T Red
¼ yd: 1½t Black + 1½t Red

1 yd: (2T + 2t) Black + (1T + 1t) Red
¼ yd: 2t Black + 1t Red

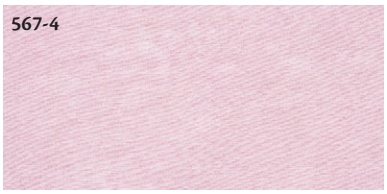
1 yd: ½t Black + 2½t Red
¼ yd: ⅛t Black + (½t + ⅛t) Red

1 yd: 1½t Black + 1½t Red
¼ yd: ⅜t Black + ⅜t Red



1 yd: 2t Black + 1t Red
¼ yd: ½t Black + ¼t Red

1 yd: ⅛t Black + (½t + ⅛t) Red
¼ yd: 4d Black + (½t + ⅛t) Red



1 yd: ⅜t Black + ⅜t Red
¼ yd: 12d Black + 12d Red

1 yd: ½t Black + ¼t Red
¼ yd: ⅛t Black + 8d Red

Muted Red to Black

See page 9 to make the needed amounts of liquid dye.

Muted Red: Use Strongest Red or Chinese Red.
Black: Use New Black.
For 1-yard pieces in 1-gallon bags: Pour the given amount of mixed liquid dye into a measuring cup, and fill to 4C with water.
Add ¼C soda ash / salt mixture (see page 9).
Mix 4⅔C Muted Red and 1¾C Black to dye all 6 pieces.

For fat quarters in 1-quart bags: Pour the given amount of mixed liquid dye into a measuring cup, and fill to 1C with water.
Add 1T soda ash / salt mixture (see page 9).
Mix 1¼C Muted Red and ½C Black to dye all 6 pieces.

1 yd: ½t Black + fill to 1C with Red
¼ yd: ⅛t Black + fill to a ¼C with Red

1 yd: 2t Black + fill to 1C with Red
¼ yd: ½t Black + fill to ¼C with Red

1 yd: 4t Black + fill to 1C with Red
¼ yd: 1t Black + fill to ¼C with Red

1 yd: (2T + 2t) Black + fill to 1C with Red
¼ yd: 2t Black + fill to ¼C with Red

1 yd: ½C Black + ½C Red
¼ yd: 2T Black + 2T Red

1 yd: ⅔C Black + ⅓C Red
¼ yd: (2T + 2t) Black + (1T + 1t) Red

Muted Red-Violet, Dark to Light

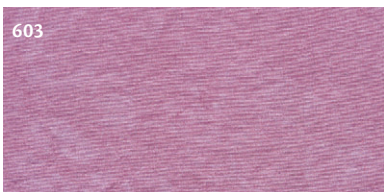
See page 9 to make the needed amounts of liquid dye.

Muted Red-Violet: Mix 6T Strongest Red or Chinese Red and 2T Cobalt or Mixing Blue to make ½C Muted Red-Violet. Multiply as needed for larger quantities.
For 1-yard pieces in 1-gallon bags: Pour the given amount of mixed liquid dye into a measuring cup, and fill to 4C with water.
Add ¼C soda ash / salt mixture (see page 9).
Mix 2C Muted Red-Violet to dye all 6 pieces.

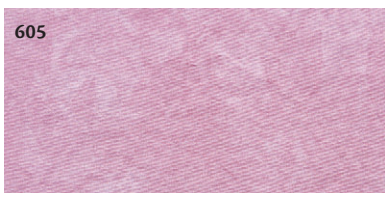
For fat quarters in 1-quart bags: Pour the given amount of mixed liquid dye into a measuring cup, and fill to 1C with water.
Add 1T soda ash / salt mixture (see page 9).
Mix ½C Muted Red-Violet to dye all 6 pieces.

1 yd: 1C Red-Violet
¼ yd: ¼C Red-Violet

1 yd: ½C Red-Violet
¼ yd: 2T Red-Violet



1 yd: ¼C Red-Violet
¼ yd: 1T Red-Violet



1 yd: 1T Red-Violet
¼ yd: ¾t Red-Violet

1 yd: ¾t Red-Violet
¼ yd: (⅛t + 8d) Red-Violet

1 yd: (¼t + ⅛t) Red-Violet
¼ yd: 12d Red-Violet

Purples

Clear Purple, Dark to Light

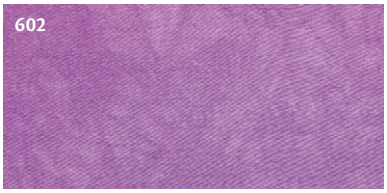
See page 9 to make the needed amounts of liquid dye.

Clear Purple: Use Grape.

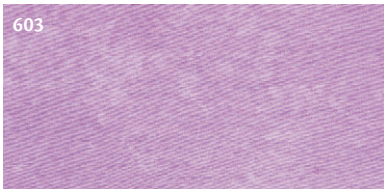
For 1-yard pieces in 1-gallon bags: Pour the given amount of mixed liquid dye into a measuring cup, and fill to 4C with water.
Add ¼C soda ash / salt mixture (see page 9).
Mix 2C Clear Purple to dye all 6 pieces.

For fat quarters in 1-quart bags: Pour the given amount of mixed liquid dye into a measuring cup, and fill to 1C with water.
Add 1T soda ash / salt mixture (see page 9).
Mix ½C Clear Purple to dye all 6 pieces.

1 yd: 1C Purple
¼ yd: ¼C Purple



1 yd: ½C Purple
¼ yd: 2T Purple



1 yd: ¼C Purple
¼ yd: 1T Purple

1 yd: 2T Purple
¼ yd: 1½t Purple

1 yd: 1½t Purple
¼ yd: (¼t + ⅛t) Purple

1 yd: (¼t + ⅛t) Purple
¼ yd: 12d Purple

Clear Purple to Muted Yellow Complementary Cross

See page 9 to make the needed amounts of liquid dye.

Clear Purple: Use Grape.

Muted Yellow: Use Tangerine or Golden Yellow.

For 1-yard pieces in 1-gallon bags: Pour the given amount of mixed liquid dye into a measuring cup, and fill to 4C with water.
Add ¼C soda ash / salt mixture (see page 9).
Mix 2½C Clear Purple and 2C Muted Yellow to dye all 6 pieces.

For fat quarters in 1-quart bags: Pour the given amount of mixed liquid dye into a measuring cup, and fill to 1C with water.
Add 1T soda ash / salt mixture (see page 9).
Mix ⅔C Clear Purple and ½C Muted Yellow to dye all 6 pieces.

1 yd: (½C + 4t) Purple + 2t Yellow
¼ yd: 7t Purple + ½t Yellow

1 yd: (½C + 4t) Purple + (2T + 2t) Yellow
¼ yd: 7t Purple + 2t Yellow

1 yd: ½C Purple + ¼C Yellow
¼ yd: 2T Purple + 1T Yellow

1 yd: (6T + 2t) Purple + (6T + 2t) Yellow
¼ yd: 5t Purple + 5t Yellow

1 yd: ¼C Purple + ½C Yellow
¼ yd: 1T Purple + 2T Yellow

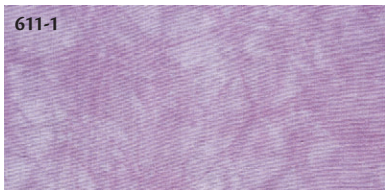
1 yd: 4t Purple + (½C + 4t) Yellow
¼ yd: 1t Purple + 7t Yellow

Clear Purple to Muted Yellow Complementary Cross, Dark to Light

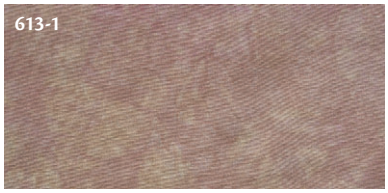
See page 9 to make the needed amounts of liquid dye.

Clear Purple: Use Grape.
Muted Yellow: Use Tangerine or Golden Yellow.
For 1-yard pieces in 1-gallon bags: Pour the given amount of mixed liquid dye into a measuring cup, and fill to 4C with water. Add ¼C soda ash / salt mixture (see page 9).
Mix 2½C Clear Purple and 2C Muted Yellow to dye all 24 pieces.

For fat quarters in 1-quart bags: Pour the given amount of mixed liquid dye into a measuring cup, and fill to 1C with water. Add 1T soda ash / salt mixture (see page 9).
Mix ⅔C Clear Purple and ½C Muted Yellow to dye all 24 pieces.

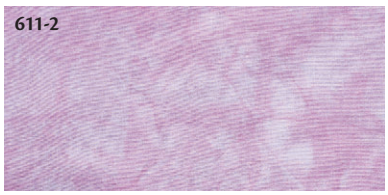


1 yd: (¼C + 2t) Purple + 1t Yellow
¼ yd: 3½t Purple + ¼t Yellow

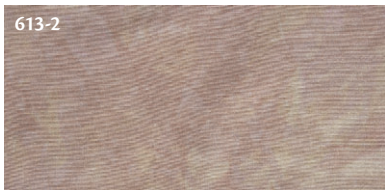


1 yd: (¼C + 2t) Purple + (1T + 1t) Yellow
¼ yd: 3½t Purple + 1t Yellow

1 yd: ¼C Purple + 2T Yellow
¼ yd: 1T Purple + 1½t Yellow



1 yd: (2T + 1t) Purple + ½t Yellow
¼ yd: 1¾t Purple + ⅛t Yellow



1 yd: (2T + 1t) Purple + 2t Yellow
¼ yd: 1¾t Purple + ½t Yellow

1 yd: 2T Purple + 1T Yellow
¼ yd: 1½t Purple + ¾t Yellow

1 yd: 1¾t Purple + ⅛t Yellow
¼ yd: (⅜t + 8d) Purple + 4d Yellow

1 yd: 1¾t Purple + ½t Yellow
¼ yd: (⅜t + 8d) Purple + ⅛t Yellow

1 yd: 1½t Purple + ¾t Yellow
¼ yd: ⅜t Purple + (⅛t + 8d) Yellow

1 yd: (⅜t + 8d) Purple + 4d Yellow
¼ yd: 14d Purple + 1d Yellow

1 yd: (⅜t + 8d) Purple + ⅛t Yellow
¼ yd: 14d Purple + 4d Yellow

1 yd: ⅜t Purple + (⅛t + 8d) Yellow
¼ yd: 12d Purple + 6d Yellow

Clear Purple to Muted Yellow Complementary Cross, Dark to Light (cont.)

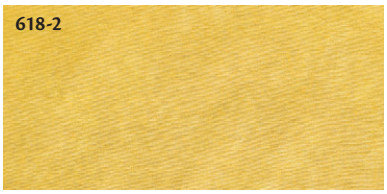
1 yd: (3T + 1t) Purple + (3T + 1t) Yellow
¼ yd: 2½t Purple + 2½t Yellow

1 yd: 2T Purple + ¼C Yellow
¼ yd: 1½t Purple + 3t Yellow

1 yd: 2t Purple + (¼C + 2t) Yellow
¼ yd: ½t Purple + 3½t Yellow

1 yd: (1T + 2t) Purple + (1T + 2t) Yellow
¼ yd: 1¼t Purple + 1¼t Yellow

1 yd: 1T Purple + 2T Yellow
¼ yd: ¾t Purple + 1½t Yellow



1 yd: 1t Purple + (2T + 1t) Yellow
¼ yd: ¼t Purple + 1¾t Yellow

1 yd: 1¼t Purple + 1¼t Yellow
¼ yd: (¼t + 8d) Purple + (¼t + 8d) Yellow

1 yd: ¾t Purple + 1½t Yellow
¼ yd: (⅛t + 8d) Purple + ⅜t Yellow

1 yd: ¼t Purple + 1¾t Yellow
¼ yd: 8d Purple + (⅜t + 8d) Yellow

1 yd: (¼t + 8d) Purple + (¼t + 8d) Yellow
¼ yd: 10d Purple + 10d Yellow

1 yd: (⅛t + 8d) Purple + ⅜t Yellow
¼ yd: 6d Purple + 12d Yellow

1 yd: 8d Purple + (⅜t + 8d) Yellow
¼ yd: 2d Purple + 14d Yellow

Clear Purple to Black, Dark to Light

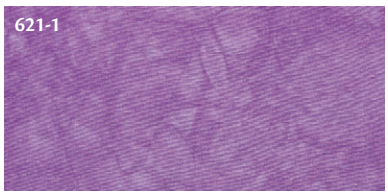
See page 9 to make the needed amounts of liquid dye.

Clear Purple: Use Grape.

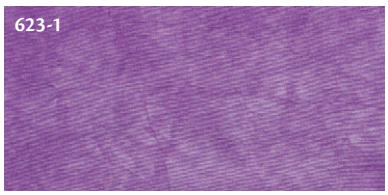
Black: Use New Black.

For 1-yard pieces in 1-gallon bags: Pour the given amount of mixed liquid dye into a measuring cup, and fill to 4C with water. Add ¼C soda ash / salt mixture (see page 9).
Mix 4½C Clear Purple and 1¾C Black to dye all 24 pieces.

For fat quarters in 1-quart bags: Pour the given amount of mixed liquid dye into a measuring cup, and fill to 1C with water. Add 1T soda ash / salt mixture (see page 9).
Mix 1¼C Clear Purple and ½C Black to dye all 24 pieces.

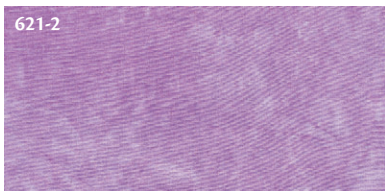


1 yd: ¼t Black + fill to ½C with Purple
¼ yd: 8d Black + fill to 2T with Purple

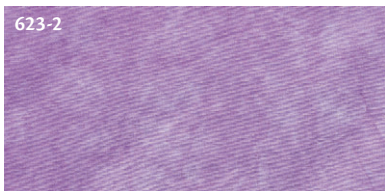


1 yd: 1t Black + fill to ½C with Purple
¼ yd: ¼t Black + 5¾t Purple

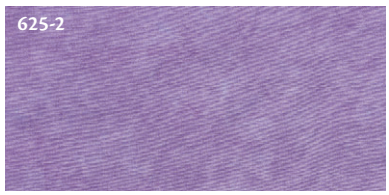
1 yd: 4t Black + fill to ½C with Purple
¼ yd: 1t Black + (1T + 2t) Purple



1 yd: ⅛t Black + fill to ¼C with Purple
¼ yd: 4d Black + fill to 1T with Purple

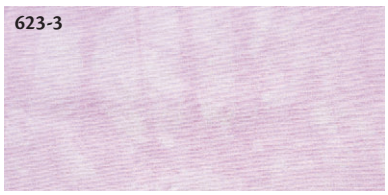


1 yd: ½t Black + fill to ¼C with Purple
¼ yd: ⅛t Black + 2¾t Purple



1 yd: 2t Black + fill to ¼C with Purple
¼ yd: ½t Black + 2½t Purple

1 yd: 4d Black + fill to 1T with Purple
¼ yd: 1d Black + ¾t Purple



1 yd: ⅛t Black + fill to 1T with Purple
¼ yd: 4d Black + (½t + ⅛t + 8d) Purple

1 yd: ½t Black + fill to 1T with Purple
¼ yd: ⅛t Black + (½t + ⅛t) Purple

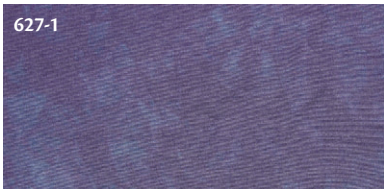
1 yd: 1d Black + ¾t Purple
¼ yd: ¼d Black + (⅛t + 8d) Purple
(see page 10)

1 yd: 4d Black + ¾t Purple
¼ yd: 1d Black + (½t + ⅛t + 8d) Purple

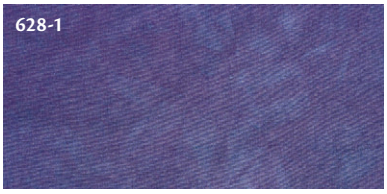
1 yd: ⅛t Black + ⅝t Purple
¼ yd: 4d Black + (½t + ⅛t) Purple

Clear Purple to Black, Dark to Light (cont.)

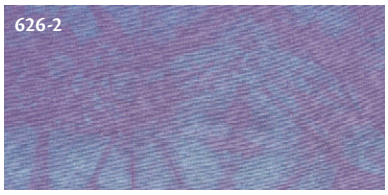
1 yd: 8t Black + fill to ½C with Purple
¼ yd: 2t Black + (1T + 1t) Purple



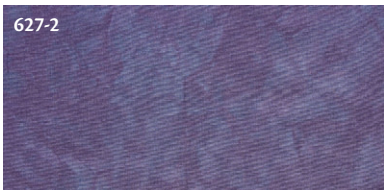
1 yd: ¼C Black + ¼C Purple
¼ yd: 1T Black + 1T Purple



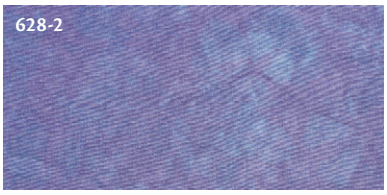
1 yd: ⅓C Black + (2T + 2t) Purple
¼ yd: (1T + 1t) Black + 2t Purple



1 yd: 4t Black + (2T + 2t) Purple
¼ yd: 1t Black + 2t Purple

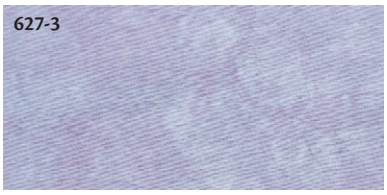


1 yd: 2T Black + 2T Purple
¼ yd: 1½t Black + 1½t Purple

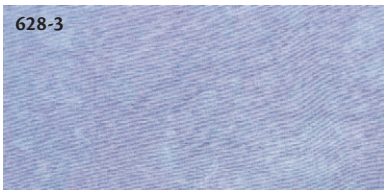


1 yd: (2T + 2t) Black + (1T + 1t) Purple
¼ yd: 2t Black + 1t Purple

1 yd: 1t Black + 2t Purple
¼ yd: ¼t Black + ½t Purple



1 yd: 1½t Black + 1½t Purple
¼ yd: ⅜t Black + ⅜t Purple



1 yd: 2t Black + 1t Purple
¼ yd: ½t Black + ¼t Purple

1 yd: ¼t Black + ½t Purple
¼ yd: 8d Black + ⅛t Purple

1 yd: ⅜t Black + ⅜t Purple
¼ yd: 12d Black + 12d Purple

1 yd: ½t Black + ¾t Purple
¼ yd: ¼t Black + 8d Purple

Clear Purple to Black

See page 9 to make the needed amounts of liquid dye.

Clear Purple: Use Grape.
Black: Use New Black.
For 1-yard pieces in 1-gallon bags: Pour the given amount of mixed liquid dye into a measuring cup, and fill to 4C with water.
Add ¼C soda ash / salt mixture (see page 9).
Mix 4½C Clear Purple and 1¾C Black to dye all 6 pieces.

For fat quarters in 1-quart bags: Pour the given amount of mixed liquid dye into a measuring cup, and fill to 1C with water.
Add 1T soda ash / salt mixture (see page 9).
Mix 1¼C Clear Purple and ½C Black to dye all 6 pieces.

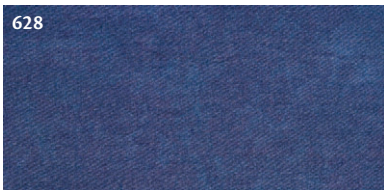
1 yd: ½t Black + fill to 1C with Purple
¼ yd: ⅛t Black + fill to ¼C Purple

1 yd: 2t Black + fill to 1C with Purple
¼ yd: ½t Black + fill to ¼C with Purple

1 yd: 8t Black + fill to 1C with Purple
¼ yd: 2t Black + fill to ¼C with Purple

1 yd: ⅓C Black + ⅔C Purple
¼ yd: 4t Black + (2T + 2t) Purple

1 yd: ½C Black + ½C Purple
¼ yd: 2T Black + 2T Purple



1 yd: ⅔C Black + ⅓C Purple
¼ yd: (2T + 2t) Black + (1T + 1t) Purple

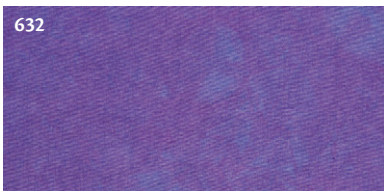
Clear Blue-Violet, Dark to Light

See page 9 to make the needed amounts of liquid dye.

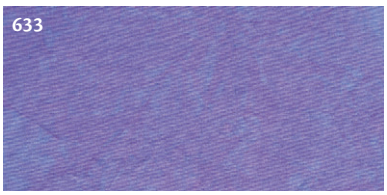
Clear Blue-Violet: Mix 4t Fuchsia, and fill to ½C with Turquoise. Multiply as needed for larger quantities.
For 1-yard pieces in 1-gallon bags: Pour the given amount of mixed liquid dye into a measuring cup, and fill to 4C with water.
Add ¼C soda ash / salt mixture (see page 9).
Mix 2C Clear Blue-Violet to dye all 6 pieces.

For fat quarters in 1-quart bags: Pour the given amount of mixed liquid dye into a measuring cup, and fill to 1C with water.
Add 1T soda ash / salt mixture (see page 9).
Mix ½C Clear Blue-Violet to dye all 6 pieces.

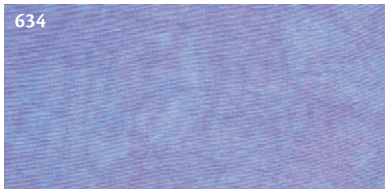
1 yd: 1C Blue-Violet
¼ yd: ¼C Blue-Violet



1 yd: ½C Blue-Violet
¼ yd: 2T Blue-Violet



1 yd: ¼C Blue-Violet
¼ yd: 1T Blue-Violet



1 yd: 2T Blue-Violet
¼ yd: 1½t Blue-Violet

1 yd: 1½t Blue-Violet
¼ yd: (¼t + ⅛t) Blue-Violet

1 yd: (¼t + ⅛t) Blue-Violet
¼ yd: 12d Blue-Violet

Muted Purple, Dark to Light

See page 9 to make the needed amounts of liquid dye.

Muted Purple: Mix equal amounts Cobalt or Mixing Blue and Fuchsia.

For 1-yard pieces in 1-gallon bags: Pour the given amount of mixed liquid dye into a measuring cup, and fill to 4C with water. Add ¼C soda ash / salt mixture (see page 9).
Mix 2C Muted Purple to dye all 6 pieces.

For fat quarters in 1-quart bags: Pour the given amount of mixed liquid dye into a measuring cup, and fill to 1C with water. Add 1T soda ash / salt mixture (see page 9).
Mix ½C Muted Purple to dye all 6 pieces.

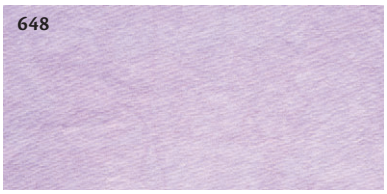
1 yd: 1C Purple
¼ yd: ¼C Purple

1 yd: ½C Purple
¼ yd: 2T Purple

1 yd: ¼C Purple
¼ yd: 1T Purple

1 yd: 2T Purple
¼ yd: 1½t Purple

1 yd: 1½t Purple
¼ yd: (¼t + ⅛t) Purple



1 yd: (¼t + ⅛t) Purple
¼ yd: 12d Purple

Muted Purple to Clear Yellow Complementary Cross

See page 9 to make the needed amounts of liquid dye.

Muted Purple: Mix equal amounts Cobalt or Mixing Blue and Fuchsia.

Clear Yellow: Use Lemon Yellow or Sun Yellow.

For 1-yard pieces in 1-gallon bags: Pour the given amount of mixed liquid dye into a measuring cup, and fill to 4C with water. Add ¼C soda ash / salt mixture (see page 9).
Mix 2¼C Muted Purple and 2½C Clear Yellow to dye all 6 pieces.

For fat quarters in 1-quart bags: Pour the given amount of mixed liquid dye into a measuring cup, and fill to 1C with water. Add 1T soda ash / salt mixture (see page 9).
Mix ½C Muted Purple and ⅔C Clear Yellow to dye all 6 pieces.

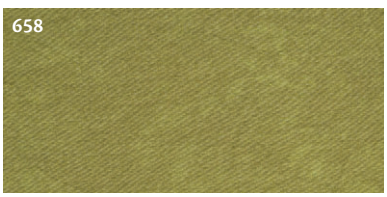
1 yd: (½C + 4t) Purple + 4t Yellow
¼ yd: 7t Purple + 1t Yellow

1 yd: ½C Purple + ¼C Yellow
¼ yd: 2T Purple + 1T Yellow

1 yd: (6T + 2t) Purple + (6T + 2t) Yellow
¼ yd: 5t Purple + 5t Yellow

1 yd: ¼C Purple + ½C Yellow
¼ yd: 1T Purple + 2T Yellow

1 yd: 8t Purple + (½C + 4t) Yellow
¼ yd: 2t Purple + 7t Yellow



1 yd: 4t Purple + (½C + 4t) Yellow
¼ yd: 1t Purple + 7t Yellow

Muted Purple to Clear Yellow Complementary Cross, Dark to Light

See page 9 to make the needed amounts of liquid dye.

Muted Purple: Mix equal amounts Cobalt or Mixing Blue and Fuchsia.

Clear Yellow: Use Lemon Yellow or Sun Yellow.

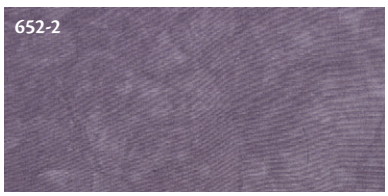
For 1-yard pieces in 1-gallon bags: Pour the given amount of mixed liquid dye into a measuring cup, and fill to 4C with water. Add ¼C soda ash / salt mixture (see page 9).
Mix 2¼C Muted Purple and 2½C Clear Yellow to dye all 24 pieces.

For fat quarters in 1-quart bags: Pour the given amount of mixed liquid dye into a measuring cup, and fill to 1C with water. Add 1T soda ash / salt mixture (see page 9).
Mix ½C Muted Purple and ⅔C Clear Yellow to dye all 24 pieces.

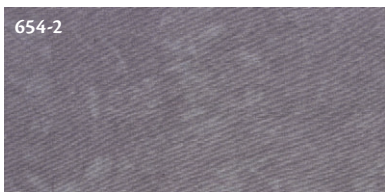
1 yd: (¼C + 2t) Purple + 2t Yellow
¼ yd: 3½t Purple + ½t Yellow

1 yd: ¼C Purple + 2T Yellow
¼ yd: 1T Purple + 1½t Yellow

1 yd: (3T + 1t) Purple + (3T + 1t) Yellow
¼ yd: 2½t Purple + 2½t Yellow

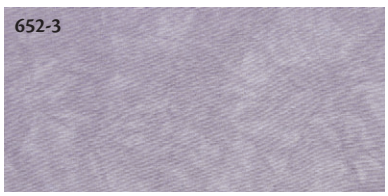


1 yd: (2T + 1t) Purple + 1t Yellow
¼ yd: 1¾t Purple + ¼t Yellow



1 yd: 2T Purple + 1T Yellow
¼ yd: 1½t Purple + ¾t Yellow

1 yd: (1T + 2t) Purple + (1T + 2t) Yellow
¼ yd: 1¼t Purple + 1¼t Yellow



1 yd: 1¾t Purple + ¼t Yellow
¼ yd: (⅜t + 8d) Purple + 8d Yellow

1 yd: 1½t Purple + ¾t Yellow
¼ yd: ⅜t Purple + (⅛t + 8d) Yellow

1 yd: 1¼t Purple + 1¼t Yellow
¼ yd: (¼t + 8d) Purple + (¼t + 8d) Yellow

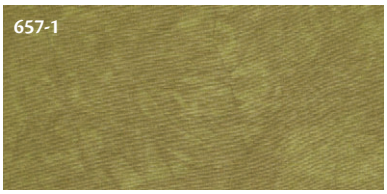
1 yd: (⅜t + 8d) Purple + 8d Yellow
¼ yd: 14d Purple + 2d Yellow

1 yd: ⅜t Purple + (⅛t + 8d) Yellow
¼ yd: 12d Purple + 6d Yellow

1 yd: (¼t + 8d) Purple + (¼t + 8d) Yellow
¼ yd: 10d Purple + 10d Yellow

Muted Purple to Clear Yellow Complementary Cross, Dark to Light (cont.)

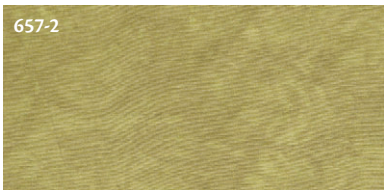
1 yd: 2T Purple + ¼C Yellow
¼ yd: 1½t Purple + 1T Yellow



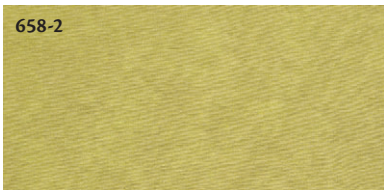
1 yd: 4t Purple + (¼C + 2t) Yellow
¼ yd: 1t Purple + 3½t Yellow

1 yd: 2t Purple + (¼C + 2t) Yellow
¼ yd: ½t Purple + 3½t Yellow

1 yd: 1T Purple + 2T Yellow
¼ yd: ¾t Purple + 1½t Yellow



1 yd: 2t Purple + (2T + 1t) Yellow
¼ yd: ½t Purple + 1¾t Yellow



1 yd: 1t Purple + (2T + 1t) Yellow
¼ yd: ¼t Purple + 1¾t Yellow

1 yd: ¾t Purple + 1½t Yellow
¼ yd: (⅛t + 8d) Purple + ⅜t Yellow

1 yd: ½t Purple + 1¾t Yellow
¼ yd: ⅛t Purple + (⅜t + 8d) Yellow

1 yd: ¼t Purple + 1¾t Yellow
¼ yd: 8d Purple + (⅜t + 8d) Yellow

1 yd: (⅛t + 8d) Purple + ⅜t Yellow
¼ yd: 6d Purple + 12d Yellow

1 yd: ⅛t Purple + (⅜t + 8d) Yellow
¼ yd: 4d Purple + 14d Yellow

1 yd: 8d Purple + (⅜t + 8d) Yellow
¼ yd: 2d Purple + 14d Yellow

Muted Purple to Black, Dark to Light

See page 9 to make the needed amounts of liquid dye.

Muted Purple: Mix equal amounts Cobalt or Mixing Blue and Fuchsia.

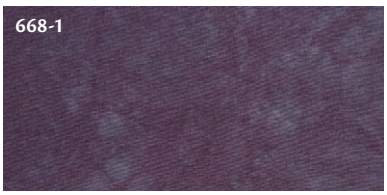
Black: Use Black #39.

For 1-yard pieces in 1-gallon bags: Pour the given amount of mixed liquid dye into a measuring cup, and fill to 4C with water. Add ¼C soda ash / salt mixture (see page 9).
Mix 2C Muted Purple and 1¼C Black to dye all 12 pieces.

For fat quarters in 1-quart bags: Pour the given amount of mixed liquid dye into a measuring cup, and fill to 1C with water. Add 1T soda ash / salt mixture (see page 9).
Mix ½C Muted Purple and ⅓C Black to dye all 12 pieces.

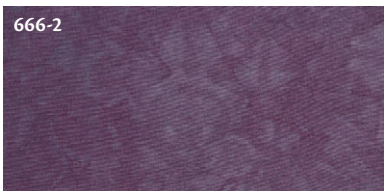
1 yd: 1t Black + (¼C + 3T + 2t) Purple
¼ yd: ¼t Black + 5¾t Purple

1 yd: 8t Black + fill to ½C with Purple
¼ yd: 2t Black + (1T + 1t) Purple

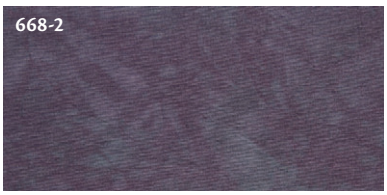


1 yd: ⅓C Black + (2T + 2t) Purple
¼ yd: (1T +1t) Black + 2t Purple

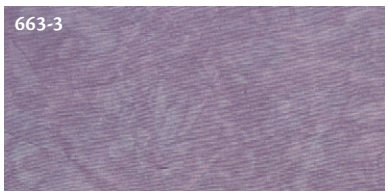
1 yd: ½t Black + (3T + 2½t) Purple
¼ yd: ⅛t Black + 2¾t Purple



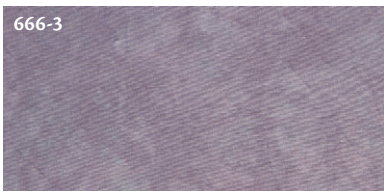
1 yd: 4t Black + (2T + 2t) Purple
¼ yd: 1t Black + 2t Purple



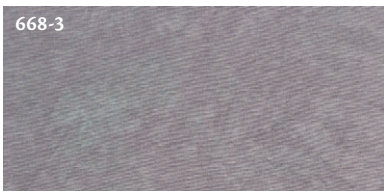
1 yd: (2T + 2t) Black + (1T + 1t) Purple
¼ yd: 2t Black + 1t Purple



1 yd: ⅛t Black + (2¾t + ⅛t) Purple
¼ yd: 4d Black + (½t + ⅛t + 8d) Purple

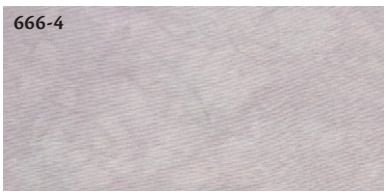


1 yd: 1t Black + 2t Purple
¼ yd: ¼t Black + ½t Purple



1 yd: 2t Black + 1t Purple
¼ yd: ½t Black + ¼t Purple

1 yd: 4d Black + ¾t Purple
¼ yd: 1d Black + (½t + ⅛t + 8d) Purple



1 yd: ¼t Black + ½t Purple
¼ yd: 8d Black + ⅛t Purple

1 yd: ½t Black + ¼t Purple
¼ yd: ⅛t Black + 8d Purple

Muted Purple to Black

See page 9 to make the needed amounts of liquid dye.

Muted Purple: Mix equal amounts Cobalt or Mixing Blue and Fuchsia.

Black: Use Black #39.

For 1-yard pieces in 1-gallon bags: Pour the given amount of mixed liquid dye into a measuring cup, and fill to 4C with water.
Add ¼C soda ash / salt mixture (see page 9).
Mix 2C Muted Purple and 1¼C Black to dye all 3 pieces.

For fat quarters in 1-quart bags: Pour the given amount of mixed liquid dye into a measuring cup, and fill to 1C with water.
Add 1T soda ash / salt mixture (see page 9).
Mix ½C Muted Purple and ⅓C Black to dye all 3 pieces.

1 yd: 2t Black + fill to 1C with Purple
¼ yd: ½t Black + fill to ¼C with Purple

1 yd: ⅓C Black + ⅔C Purple
¼ yd: 4t Black + (2T + 2t) Purple

1 yd: ⅔C Black + ⅓C Purple
¼ yd: (2T + 2t) Black + (1T + 1t) Purple

note

The color difference didn't show well enough to photograph all 6 gradations.

Muted Blue-Violet, Dark to Light

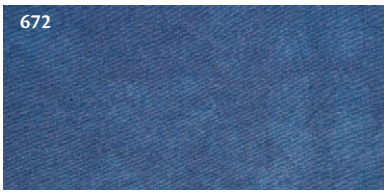
See page 9 to make the needed amounts of liquid dye.

Muted Blue-Violet: Mix 6T Cobalt or Mixing Blue and 2T Strong Red or Chinese Red to make ½C Muted Blue-Violet. Multiply as needed for larger quantities.

For 1-yard pieces in 1-gallon bags: Pour the given amount of mixed liquid dye into a measuring cup, and fill to 4C with water.
Add ¼C soda ash / salt mixture (see page 9).
Mix 2C Muted Blue-Violet to dye all 6 pieces.

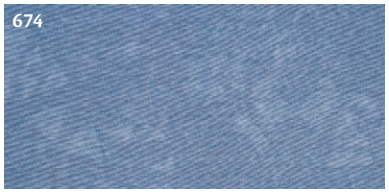
For fat quarters in 1-quart bags: Pour the given amount of mixed liquid dye into a measuring cup, and fill to 1C with water.
Add 1T soda ash / salt mixture (see page 9).
Mix ½C Muted Blue-Violet to dye all 6 pieces.

1 yd: 1C Blue-Violet
¼ yd: ¼C Blue-Violet

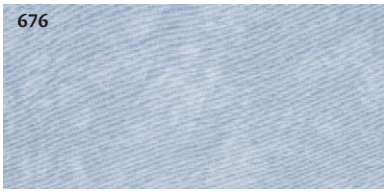


1 yd: ½C Blue-Violet
¼ yd: 2T Blue-Violet

1 yd: ¼C Blue-Violet
¼ yd: 1T Blue-Violet



1 yd: 2T Blue-Violet
¼ yd: 1½t Blue-Violet



1 yd: 1½t Blue-Violet
¼ yd: (¼t + ⅛t) Blue-Violet

1 yd: (¼t + ⅛t) Blue-Violet
¼ yd: 12d Blue-Violet

Blues

Clear Blue, Dark to Light

See page 9 to make the needed amounts of liquid dye.

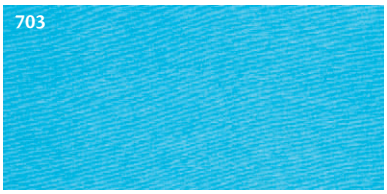
Clear Blue: Use Turquoise.

For 1-yard pieces in 1-gallon bags: Pour the given amount of mixed liquid dye into a measuring cup, and fill to 4C with water.
Add ¼C soda ash / salt mixture (see page 9).
Mix 2C Clear Blue to dye all 6 pieces.

For fat quarters in 1-quart bags: Pour the given amount of mixed liquid dye into a measuring cup, and fill to 1C with water.
Add 1T soda ash / salt mixture (see page 9).
Mix ½C Clear Blue to dye all 6 pieces.

1 yd: 1C Blue
¼ yd: ¼C Blue

1 yd: ½C Blue
¼ yd: 2T Blue



1 yd: ¼C Blue
¼ yd: 1T Blue

1 yd: 2T Blue
¼ yd: 1½t Blue

1 yd: 1½t Blue
¼ yd: (¼t + ⅛t) Blue

1 yd: (¼t + ⅛t) Blue
¼ yd: 12d Blue

Clear Blue to Muted Orange Complementary Cross

See page 9 to make the needed amounts of liquid dye.

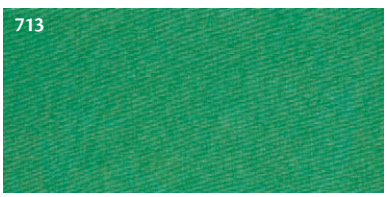
Clear Blue: Use Turquoise.

Muted Orange: Mix 1T Chinese Red or Strongest Red and (¼C + 3T) Golden Yellow or Tangerine to make ½C Muted Orange. Multiply as needed for larger amounts.

For 1-yard pieces in 1-gallon bags: Pour the given amount of mixed liquid dye into a measuring cup, and fill to 4C with water.
Add ¼C soda ash / salt mixture (see page 9).
Mix 2½C Clear Blue and 2C Muted Orange to dye all 6 pieces.

For fat quarters in 1-quart bags: Pour the given amount of mixed liquid dye into a measuring cup, and fill to 1C with water.
Add 1T soda ash / salt mixture (see page 9).
Mix ⅔C Clear Blue and ½C Muted Orange to dye all 6 pieces.

1 yd: (½C + 4t) Blue + 2t Orange
¼ yd: 7t Blue + ½t Orange



1 yd: (½C + 4t) Blue + (2T + 2t) Orange
¼ yd: 7t Blue + 2t Orange

1 yd: ½C Blue + ¼C Orange
¼ yd: 2T Blue + 1T Orange

1 yd: (6T + 2t) Blue + (6T + 2t) Orange
¼ yd: 5t Blue + 5t Orange

1 yd: ¼C Blue + ½C Orange
¼ yd: 1T Blue + 2T Orange

1 yd: 2t Blue + (½C + 4t) Orange
¼ yd: ½t Blue + 7t Orange

Clear Blue to Muted Orange Complementary Cross, Dark to Light

See page 9 to make the needed amounts of liquid dye.

Clear Blue: Use Turquoise.

Muted Orange: Mix 1T Chinese Red or Strongest Red and (¼C + 3T) Golden Yellow or Tangerine to make ½C Muted Orange. Multiply as needed for larger amounts.

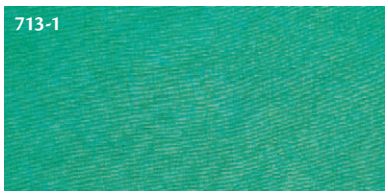
For 1-yard pieces in 1-gallon bags: Pour the given amount of mixed liquid dye into a measuring cup, and fill to 4C with water. Add ¼C soda ash / salt mixture (see page 9).

Mix 2½C Clear Blue and 2C Muted Orange to dye all 24 pieces.

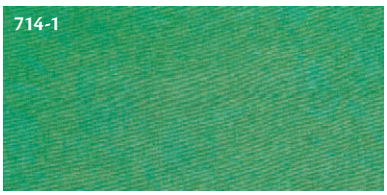
For fat quarters in 1-quart bags: Pour the given amount of mixed liquid dye into a measuring cup, and fill to 1C with water. Add 1T soda ash / salt mixture (see page 9).

Mix ⅔C Clear Blue and ½C Muted Orange to dye all 24 pieces.

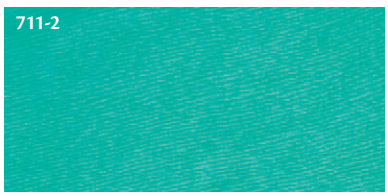
1 yd: (¼C + 2t) Blue + 1t Orange
¼ yd: 3½t Blue + ¼t Orange



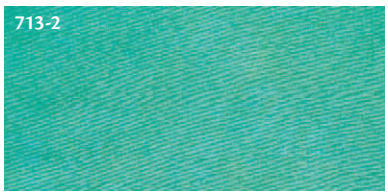
1 yd: (¼C + 2t) Blue + 4t Orange
¼ yd: 3½t Blue + 1t Orange



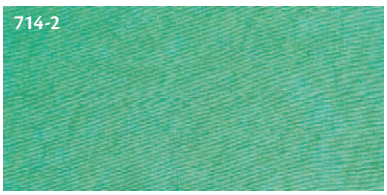
1 yd: ¼C Blue + 2T Orange
¼ yd: 1T Blue + 1½t Orange



1 yd: (2T + 1t) Blue + ½t Orange
¼ yd: 1¾t Blue + ⅛t Orange



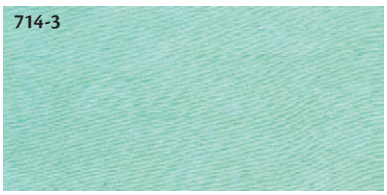
1 yd: (2T + 1t) Blue + 2t Orange
¼ yd: 1¾t Blue + ½t Orange



1 yd: 2T Blue + 1T Orange
¼ yd: 1½t Blue + ¾t Orange

1 yd: 1¾t Blue + ⅛t Orange
¼ yd: (⅜t + 8d) Blue + 4d Orange

1 yd: 1¾t Blue + ½t Orange
¼ yd: (⅜t + 8d) Blue + ⅛t Orange

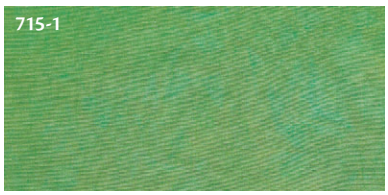


1 yd: 1½t Blue + ¾t Orange
¼ yd: ⅜t Blue + (⅛t + 8d) Orange

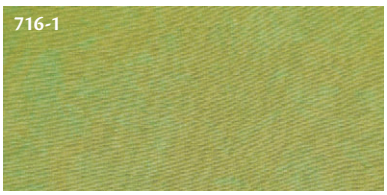
1 yd: (⅜t + 8d) Blue + 4d Orange
¼ yd: 14d Blue + 1d Orange

1 yd: (⅜t + 8d) Blue + ⅛t Orange
¼ yd: 14d Blue + 1d Orange

1 yd: ⅜t Blue + (⅛t + 8d) Orange
¼ yd: 12d Blue + 6d Orange

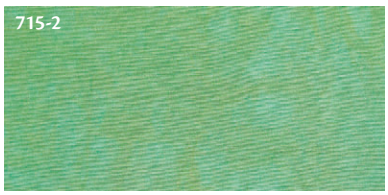


1 yd: (3T + 1t) Blue + (3T + 1t) Orange
¼ yd: 2½t Blue + 2½t Orange

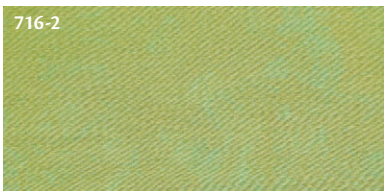


1 yd: 2T Blue + ¼C Orange
¼ yd: 1½t Blue + 1T Orange

1 yd: 1t Blue + (¼C + 2t) Orange
¼ yd: ¼t Blue + 3½t Orange

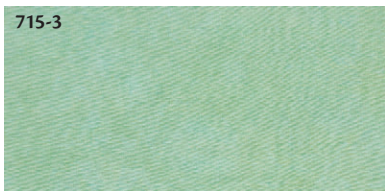


1 yd: (1T + 2t) Blue + (1T + 2t) Orange
¼ yd: 1¼t Blue + 1¼t Orange

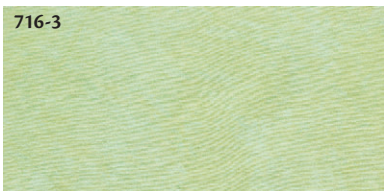


1 yd: 1T Blue + 2T Orange
¼ yd: ¾t Blue + 1½t Orange

1 yd: ½t Blue + (2T + 1t) Orange
¼ yd: ⅛t Blue + 1¾t Orange



1 yd: 1¼t Blue + 1¼t Orange
¼ yd: (¼t + 8d) Blue + (¼t + 8d) Orange

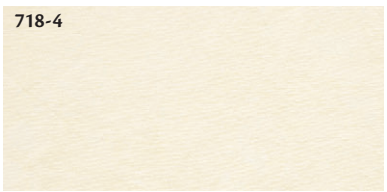


1 yd: ¾t Blue + 1½t Orange
¼ yd: (⅛t + 8d) Blue + ⅜t Orange

1 yd: ⅛t Blue + 1¾t Orange
¼ yd: 4d Blue + (⅜t + 8d) Orange

1 yd: (¼t + 8d) Blue + (¼t + 8d) Orange
¼ yd: 10d Blue + 10d Orange

1 yd: (⅛t + 8d) Blue + ⅜t Orange
¼ yd: 6d Blue + 12d Orange



1 yd: 4d Blue + (⅜t + 8d) Orange
¼ yd: 1d Blue + 14d Orange

Clear Blue to Black, Dark to Light

See page 9 to make the needed amounts of liquid dye.

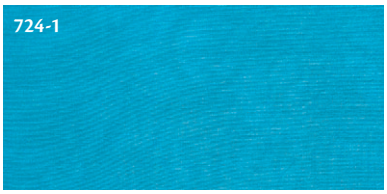
Clear Blue: Use Turquoise.

Black: Use Black 608.

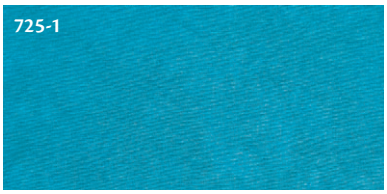
For 1-yard pieces in 1-gallon bags: Pour the given amount of mixed liquid dye into a measuring cup, and fill to 4C with water. Add ¼C soda ash / salt mixture (see page 9).
Mix 4¾C Clear Blue and 2C Black to dye all 24 pieces.

For fat quarters in 1-quart bags: Pour the given amount of mixed liquid dye into a measuring cup, and fill to 1C with water. Add 1T soda ash / salt mixture (see page 9).
Mix 1¼C Clear Blue and ½C Black to dye all 24 pieces.

1 yd: 1t Black + fill to ¼C with Blue
¼ yd: ¼t Black + 5¾t Blue

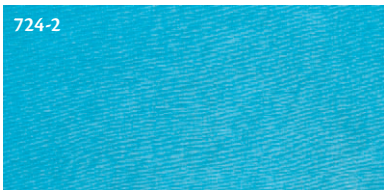


1 yd: 2t Black + fill to ½C with Blue
¼ yd: ½t Black + (1T + 2½t) Blue

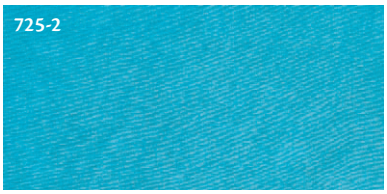


1 yd: 4t Black + fill to ½C with Blue
¼ yd: 1t Black + (1T + 2t) Blue

1 yd: ½t Black + fill to ½C with Blue
¼ yd: ⅛t Black + 2¾t Blue



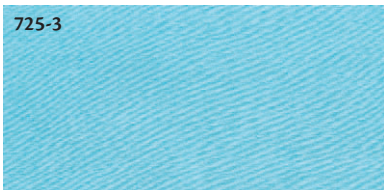
1 yd: 1t Black + fill to ¼C with Blue
¼ yd: ¼t Black + 2¾t Blue



1 yd: 2t Black + (3T + 1t) Blue
¼ yd: ½t Black + 2½t Blue

1 yd: ⅛t Black + (2¾t + ⅛t) Blue
¼ yd: 4d Black + (½t + ⅛t + 8d) Blue

1 yd: ¼t Black + 2¾t Blue
¼ yd: 8d Black + (½t + ⅛t + 8d) Blue

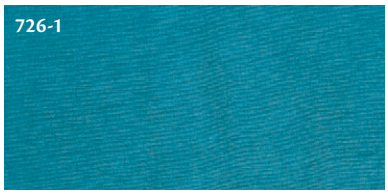


1 yd: ½t Black + 2½t Blue
¼ yd: ⅛t Black + (½t + ⅛t) Blue

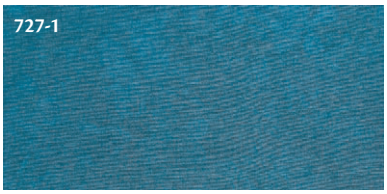
1 yd: 4d Black + (½t + ⅛t + 8d) Blue
¼ yd: 1d Black + (⅛t + 6d) Blue

1 yd: 8d Black + (½t + ⅛t + 8d) Blue
¼ yd: 2d Black + (⅛t + 6d) Blue

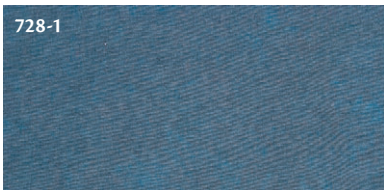
1 yd: ⅛t Black + (½t + ⅛t) Blue
¼ yd: 4d Black + (⅛t + 4d) Blue



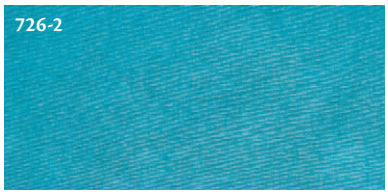
1 yd: 8t Black + fill to ½C with Blue
¼ yd: 2t Black + (1T +1t) Blue



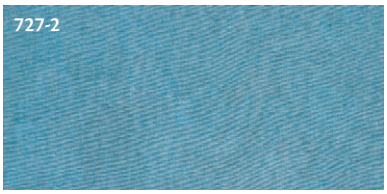
1 yd: ¼C Black + ¼C Blue
¼ yd: 1T Black + 1T Blue



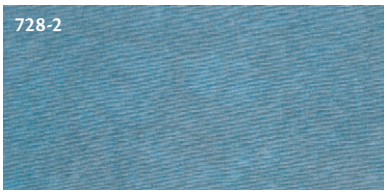
1 yd: ⅓C Black + (2T + 2t) Blue
¼ yd: (1T + 1t) Black + 2t Blue



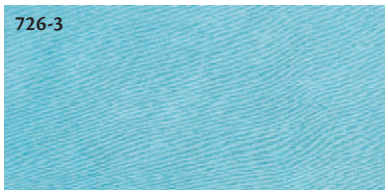
1 yd: 4t Black + (2T + 2t) Blue
¼ yd: 1t Black + 2t Blue



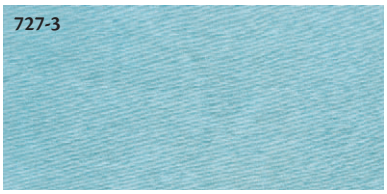
1 yd: 2T Black + 2T Blue
¼ yd: 1½t Black + 1½t Blue



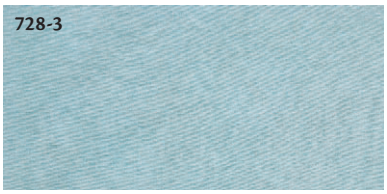
1 yd: (2T + 2t) Black + (1T + 1t) Blue
¼ yd: 2t Black + 1t Blue



1 yd: 1t Black + 2t Blue
¼ yd: ¼t Black + ½t Blue



1 yd: 1½t Black + 1½t Blue
¼ yd: ⅜t Black + ⅜t Blue



1 yd: 2t Black + 1t Blue
¼ yd: ½t Black + ¼t Blue

1 yd: ¼t Black + ½t Blue
¼ yd: 8d Black + ⅛t Blue

1 yd: ⅜t Black + ⅜t Blue
¼ yd: 12d Black + 12d Blue

1 yd: ½t Black + ¼t Blue
¼ yd: ⅛t Black + 8d Blue

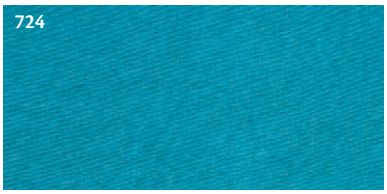
Clear Blue to Black

See page 9 to make the needed amounts of liquid dye.

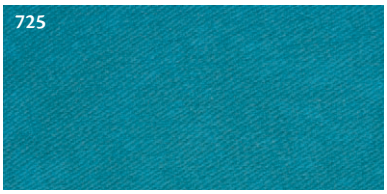
Clear Blue: Use Turquoise.
Black: Use Black 608.
For 1-yard pieces in 1-gallon bags: Pour the given amount of mixed liquid dye into a measuring cup, and fill to 4C with water.
Add ¼C soda ash / salt mixture (see page 9).
Mix 4¾C Clear Blue and 2C Black to dye all 6 pieces.

For fat quarters in 1-quart bags: Pour the given amount of mixed liquid dye into a measuring cup, and fill to 1C with water.
Add 1T soda ash / salt mixture (see page 9).
Mix 1¼C Clear Blue and ½C Black to dye all 6 pieces.

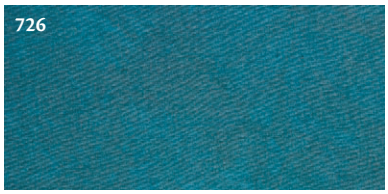
1 yd: 2t Black + fill to 1C with Blue
¼ yd: ½t Black + fill to ¼C with Blue



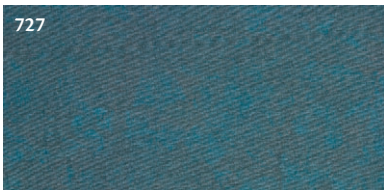
1 yd: 4t Black + fill to 1C with Blue
¼ yd: 1t Black + fill to ¼C with Blue



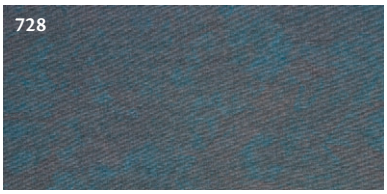
1 yd: 8t Black + fill to 1C with Blue
¼ yd: 2t Black + fill to ¼C with Blue



1 yd: ⅓C Black + ⅔C Blue
¼ yd: 4t Black + fill to ¼C with Blue



1 yd: ½C Black + ½C Blue
¼ yd: 2T Black + 2T Blue



1 yd: ⅔C Black + ⅓C Blue
¼ yd: (2T + 2t) Black + (1T + 1t) Blue

Clear Blue-Green, Dark to Light

See page 9 to make the needed amounts of liquid dye.

Clear Blue-Green: Mix 1t Lemon Yellow or Sun Yellow and (7T + 2t) Turquoise to make ½C Clear Blue-Green. Multiply as needed for larger amounts.
For 1-yard pieces in 1-gallon bags: Pour the given amount of mixed liquid dye into a measuring cup, and fill to 4C with water.
Add ¼C soda ash / salt mixture (see page 9).
Mix 2C Clear Blue-Green to dye all 6 pieces.

For fat quarters in 1-quart bags: Pour the given amount of mixed liquid dye into a measuring cup, and fill to 1C with water.
Add 1T soda ash / salt mixture (see page 9).
Mix ½C Clear Blue-Green to dye all 6 pieces.

1 yd: 1C Blue-Green
¼ yd: ¼C Blue-Green

1 yd: ½C Blue-Green
¼ yd: 2T Blue-Green

1 yd: ¼C Blue-Green
¼ yd: 1T Blue-Green

1 yd: 2T Blue-Green
¼ yd: 1½t Blue-Green

1 yd: 1½t Blue Green
¼ yd: (¼t + ⅛t) Blue-Green

1 yd: (¼t + ⅛t) Blue-Green
¼ yd: 12d Blue-Green

Muted Blue, Dark to Light

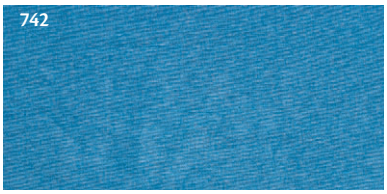
See page 9 to make the needed amounts of liquid dye.

Muted Blue: Use Mixing Blue or Cobalt.

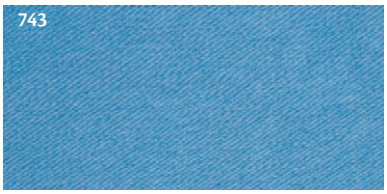
For 1-yard pieces in 1-gallon bags: Pour the given amount of mixed liquid dye into a measuring cup, and fill to 4C with water.
Add ¼C soda ash / salt mixture (see page 9).
Mix 2C Muted Blue to dye all 6 pieces.

For fat quarters in 1-quart bags: Pour the given amount of mixed liquid dye into a measuring cup, and fill to 1C with water.
Add 1T soda ash / salt mixture (see page 9).
Mix ½C Muted Blue to dye all 6 pieces.

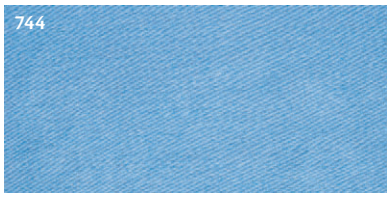
1 yd: 1C Blue
¼ yd: ¼C Blue



1 yd: ½C Blue
¼ yd: 2T Blue



1 yd: ¼C Blue
¼ yd: 1T Blue



1 yd: 2T Blue
¼ yd: 1½t Blue

1 yd: 1½t Blue
¼ yd: (¼t + ⅛t) Blue

1 yd: (¼t + ⅛t) Blue
¼ yd: 12d Blue

Muted Blue to Clear Orange Complementary Cross

See page 9 to make the needed amounts of liquid dye.

Muted Blue: Use Cobalt or Mixing Blue.

Clear Orange: Use Deep Orange or Strong Orange.

For 1-yard pieces in 1-gallon bags: Pour the given amount of mixed liquid dye into a measuring cup, and fill to 4C with water.
Add ¼C soda ash / salt mixture (see page 9).
Mix 1¾C Muted Blue and 2⅔C Clear Orange to dye all 6 pieces.

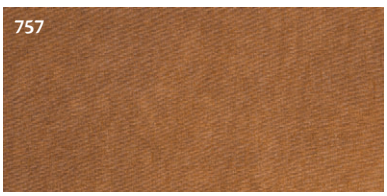
For fat quarters in 1-quart bags: Pour the given amount of mixed liquid dye into a measuring cup, and fill to 1C with water.
Add 1T soda ash / salt mixture (see page 9).
Mix ½C Muted Blue and ⅔C Clear Orange to dye all 6 pieces.

1 yd: (½C + 4t) Blue + 4t Orange
¼ yd: 7t Blue + 1t Orange

1 yd: ½C Blue + ¼C Orange
¼ yd: 2T Blue + 1T Orange

1yd: (6T + 2t) Blue + (6T + 2t) Orange
¼ yd: 5t Blue + 5t Orange

1 yd: ¼C Blue + ½C Orange
¼ yd: 1T Blue + 2T Orange



1 yd: 8t Blue + (½C + 4t) Orange
¼ yd: 2t Blue + 7t Orange

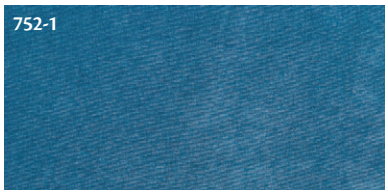
1 yd: 4t Blue + (½C + 4t) Orange
¼ yd: 1t Blue + 7t Orange

Muted Blue to Clear Orange Complementary Cross, Light to Dark

See page 9 to make the needed amounts of liquid dye.

Muted Blue: Use Cobalt or Mixing Blue.
Clear Orange: Use Deep Orange or Strong Orange.
For 1-yard pieces in 1-gallon bags: Pour the given amount of mixed liquid dye into a measuring cup, and fill to 4C with water. Add ¼C soda ash / salt mixture (see page 9).
Mix 1¾C Muted Blue and 2⅔C Clear Orange to dye all 24 pieces.

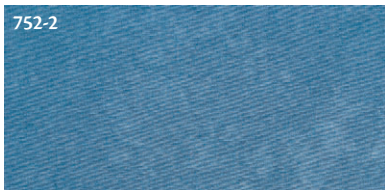
For fat quarters in 1-quart bags: Pour the given amount of mixed liquid dye into a measuring cup, and fill to 1C with water. Add 1T soda ash / salt mixture (see page 9).
Mix ½C Muted Blue and ⅔C Clear Orange to dye all 24 pieces.



1 yd: (¼C + 2t) Blue + 2t Orange
¼ yd: 3½t Blue + ½t Orange

1 yd: ¼C Blue + 2T Orange
¼ yd: 1T Blue + 1½t Orange

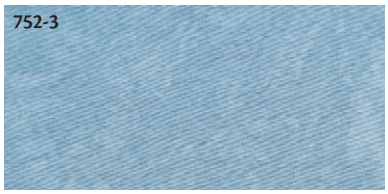
1 yd: (3T + 1t) Blue + (3T + 1t) Orange
¼ yd: 2½t Blue + 2½t Orange



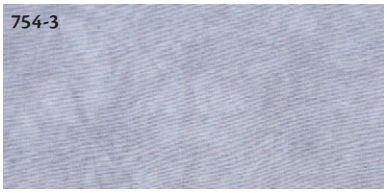
1 yd: (2T +1t) Blue + 1t Orange
¼ yd: 1¾t Blue + ¼t Orange

1 yd: 2T Blue + 1T Orange
¼ yd: 1½t Blue + ¾t Orange

1 yd: (1T + 2t) Blue + (1T + 2t) Orange
¼ yd: 1¼t Blue + 1¼t Orange

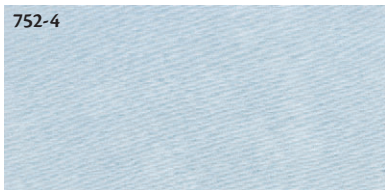


1 yd: 1¾t Blue + ¼t Orange
¼ yd: (⅜t + 8d) Blue + 8d Orange



1 yd: 1½t Blue + ¾t Orange
¼ yd: ⅜t Blue + (⅛t + 8d) Orange

1 yd: 1¼t Blue + 1¼t Orange
¼ yd: (¼t + 8d) Blue + (¼t + 8d) Orange

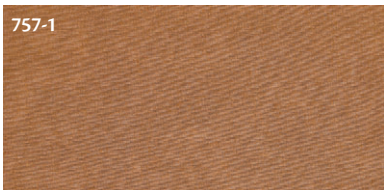


1 yd: (⅜t + 8d) Blue + 8d Orange
¼ yd: 14d Blue + 2d Orange

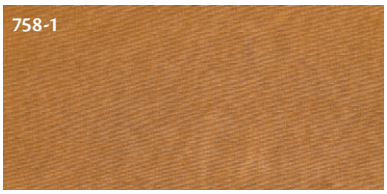
1 yd: ⅜t Blue + (⅛t + 8d) Orange
¼ yd: 12d Blue + 6d Orange

1 yd: (¼t + 8d) Blue + (¼t + 8d) Orange
¼ yd: 10d Blue + 10d Orange

1 yd: 2T Blue + ¼C Orange
¼ yd: 1½t Blue + 3t Orange

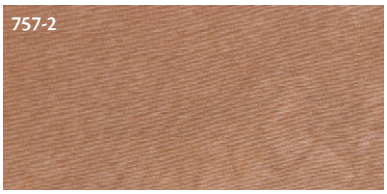


1 yd: 4t Blue + (¼C + 2t) Orange
¼ yd: 1t Blue + 3½t Orange



1 yd: 2t Blue + (¼C + 2t) Orange
¼ yd: ½t Blue + 3½t Orange

1 yd: 1T Blue + 2T Orange
¼ yd: ¾t Blue + 1½t Orange



1 yd: 2t Blue + (2T + 1t) Orange
¼ yd: ½t Blue + 1¾t Orange

1 yd: 1t Blue + (2T + 1t) Orange
¼ yd: ¼t Blue + 1¾t Orange

1 yd: ¾t Blue + 1½t Orange
¼ yd: (⅛t + 8d) Blue + ⅜t Orange

1 yd: ½t Blue + 1¾t Orange
¼ yd: ⅛t Blue + (⅜t + 8d) Orange

1 yd: ¼t Blue + 1¾t Orange
¼ yd: 8d Blue + (⅜t + 8d) Orange

1 yd: (⅛t + 8d) Blue + ⅜t Orange
¼ yd: 6d Blue + 12d Orange

1 yd: ⅛t Blue + (⅜t + 8d) Orange
¼ yd: 4d Blue + 14d Orange

1 yd: 8d Blue + (⅜t + 8d) Orange
¼ yd: 2d Blue + 14d Orange

Muted Blue to Black, Dark to Light

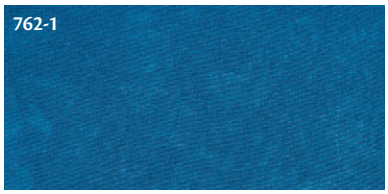
See page 9 to make the needed amounts of liquid dye.

Muted Blue: Use Cobalt or Mixing Blue.

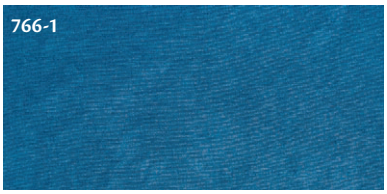
Black: Use New Black.

For 1-yard pieces in 1-gallon bags: Pour the given amount of mixed liquid dye into a measuring cup, and fill to 4C with water. Add ¼C soda ash / salt mixture (see page 9).
Mix 2C Blue and 1¼C Black to dye all 12 pieces.

For fat quarters in 1-quart bags: Pour the given amount of mixed liquid dye into a measuring cup, and fill to 1C with water. Add 1T soda ash / salt mixture (see page 9).
Mix ⅔C Blue and ⅓C Black to dye all 12 pieces.

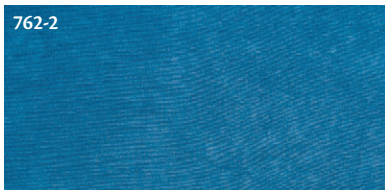


1 yd: ½t Black + fill to ½C with Blue
¼ yd: ⅛t Black + 5¾t Blue

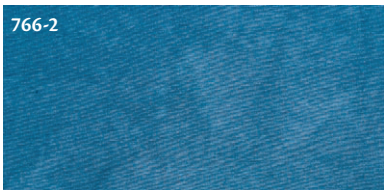


1 yd: 8t Black + fill to ½C with Blue
¼ yd: 2t Black + (1T + 1t) Blue

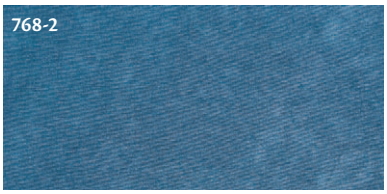
1 yd: ⅓C Black + (2T + 2t) Blue
¼ yd: (1T + 1t) Black + 2t Blue



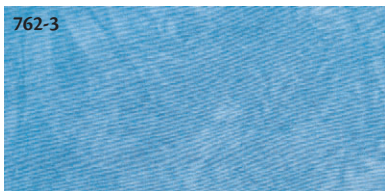
1 yd: ¼t Black + fill to ¼C with Blue
¼ yd: 8d Black + (2¾t + ⅛t) Blue



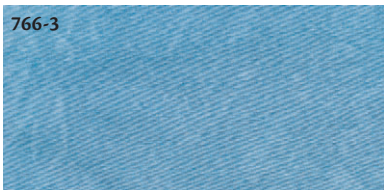
1 yd: 4t Black + (2T + 2t) Blue
¼ yd: 1t Black + 2t Blue



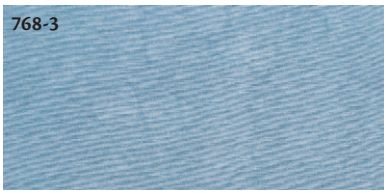
1 yd: (2T + 2t) Black + (1T + 1t) Blue
¼ yd: 2t Black + 1t Blue



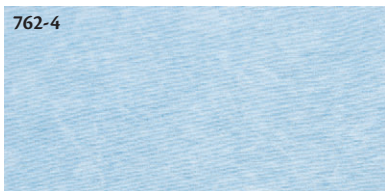
1 yd: 8d Black + fill to 1T with Blue
¼ yd: 2d Black + (½t + ⅛t + 12d) Blue



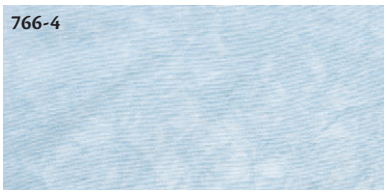
1 yd: 1t Black + 2t Blue
¼ yd: ¼t Black + ½t Blue



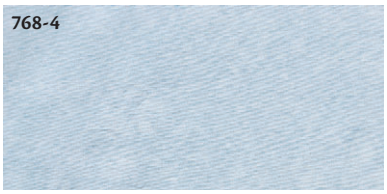
1 yd: 2t Black + 1t Blue
¼ yd: ½t Black + ¼t Blue



1 yd: 2d Black + (½t + ⅛t + 12d) Blue
¼ yd: ½d Black + (⅛t + 7d) Blue
(see page 10)



1 yd: ¼t Black + ½t Blue
¼ yd: 8d Black + ⅛t Blue



1 yd: ½t Black + ¼t Blue
¼ yd: ⅛t Black + 8d Blue

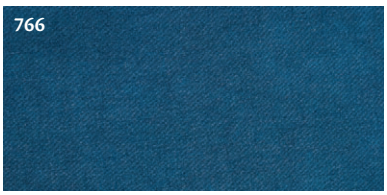
Muted Blue to Black

See page 9 to make the needed amounts of liquid dye.

Muted Blue: Use Cobalt or Mixing Blue.
Black: Use New Black.
For 1-yard pieces in 1-gallon bags: Pour the given amount of mixed liquid dye into a measuring cup, and fill to 4C with water.
Add ¼C soda ash / salt mixture (see page 9).
Mix 2C Muted Blue and 1¼C Black to dye all 3 pieces.

For fat quarters in 1-quart bags: Pour the given amount of mixed liquid dye into a measuring cup, and fill to 1C with water.
Add 1T soda ash / salt mixture (see page 9).
Mix ⅔C Muted Blue and ⅓C Black to dye all 3 pieces.

1 yd: 1t Black + fill to 1C with Blue
¼ yd: ¼t Black + fill to ¼C Blue



1 yd: ⅓C Black + ⅔C Blue
¼ yd: 4t Black + fill to ¼C Blue

1 yd: ⅔C Black + ⅓C Blue
¼ yd: (2T + 2t) Black + (1T + 1t) Blue

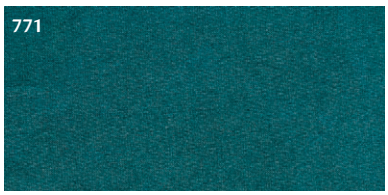
note There was not enough difference in the colors to show all 6 crosses.

Muted Blue-Green, Dark to Light

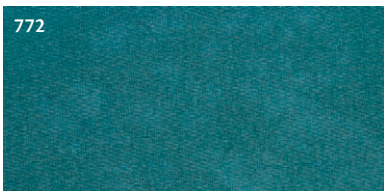
See page 9 to make the needed amounts of liquid dye.

Muted Blue-Green: Mix 6T Cobalt or Mixing Blue and 2T Tangerine or Golden Yellow to make ½C Muted Blue-Green. Multiply as needed for larger quantities.
For 1-yard pieces in 1-gallon bags: Pour the given amount of mixed liquid dye into a measuring cup, and fill to 4C with water.
Add ¼C soda ash / salt mixture (see page 9).
Mix 2C Muted Blue-Green to dye all 6 pieces.

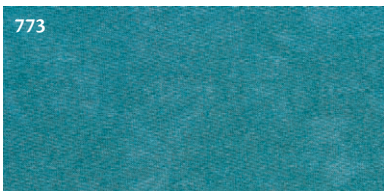
For fat quarters in 1-quart bags: Pour the given amount of mixed liquid dye into a measuring cup, and fill to 1C with water.
Add 1T soda ash / salt mixture (see page 9).
Mix ½C Muted Blue-Green to dye all 6 pieces.



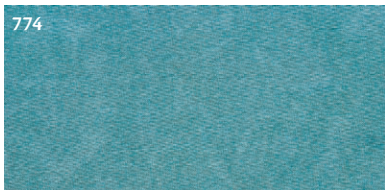
1 yd: 1C Blue-Green
¼ yd: ¼C Blue-Green



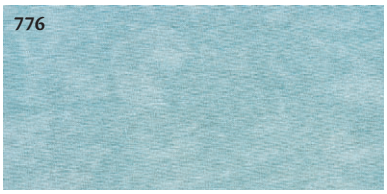
1 yd: ½C Blue-Green
¼ yd: 2T Blue-Green



1 yd: ¼C Blue-Green
¼ yd: 1T Blue-Green



1 yd: 2T Blue-Green
¼ yd: 1½t Blue-Green



1 yd: 1½t Blue-Green
¼ yd: (¼t + ⅛t) Blue-Green

1 yd: (¼t + ⅛t) Blue-Green
¼ yd: 12d Blue-Green

Greens

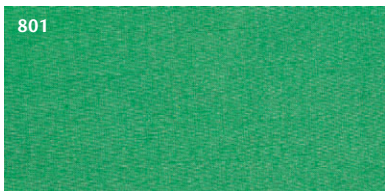
Clear Green, Dark to Light

See page 9 to make the needed amounts of liquid dye.

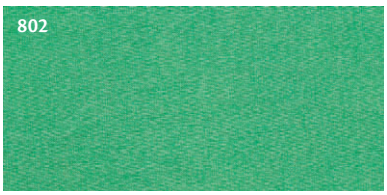
Clear Green: Mix equal amounts Kelly Green and Brightest Green.

For 1-yard pieces in 1-gallon bags: Pour the given amount of mixed liquid dye into a measuring cup, and fill to 4C with water. Add ¼C soda ash / salt mixture (see page 9).
Mix 2C Clear Green to dye all 6 pieces.

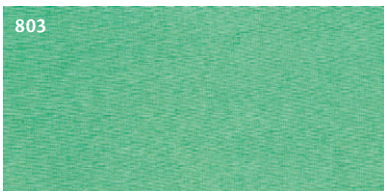
For fat quarters in 1-quart bags: Pour the given amount of mixed liquid dye into a measuring cup, and fill to 1C with water. Add 1T soda ash / salt mixture (see page 9).
Mix ½C Clear Green to dye all 6 pieces.



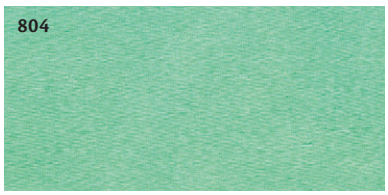
1 yd: 1C Green
¼ yd: ¼C Green



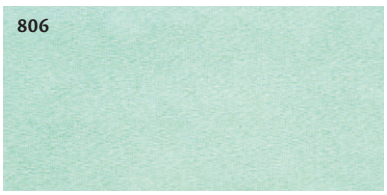
1 yd: ½C Green
¼ yd: 2T Green



1 yd: ¼C Green
¼ yd: 1T Green



1 yd: 2T Green
¼ yd: 1½t Green



1 yd: 1½t Green
¼ yd: (¼t + ⅛t) Green

1 yd: (¼t + ⅛t) Green
¼ yd: 12d Green

Clear Green to Muted Red Complementary Cross

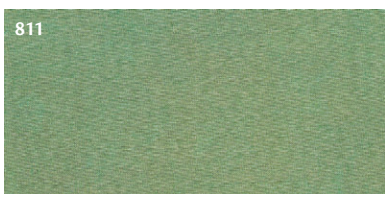
See page 9 to make the needed amounts of liquid dye.

Clear Green: Mix equal amounts Kelly Green and Brightest Green.

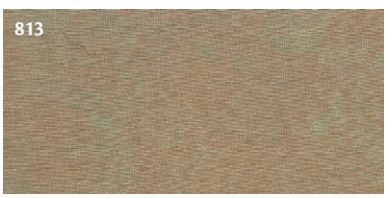
Muted Red: Use Chinese Red or Strongest Red.

For 1-yard pieces in 1-gallon bags: Pour the given amount of mixed liquid dye into a measuring cup, and fill to 4C with water. Add ¼C soda ash / salt mixture (see page 9).
Mix 2½C Clear Green and 2¼C Muted Red to dye all 6 pieces.

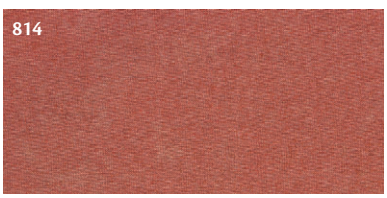
For fat quarters in 1-quart bags: Pour the given amount of mixed liquid dye into a measuring cup, and fill to 1C with water. Add 1T soda ash / salt mixture (see page 9).
Mix ⅔C each Clear Green and Muted Red to dye all 6 pieces.



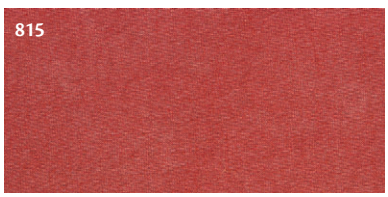
1 yd: (½C + 4t) Green + 2t Red
¼ yd: 7t Green + ½t Red



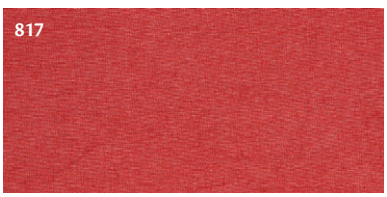
1 yd: (½C + 4t) Green + (2T + 2t) Red
¼ yd: 7t Green + 2t Red



1 yd: ½C Green + ¼C Red
¼ yd: 2T Green + 1T Red



1 yd: (6T + 2t) Green + (6T+ 2t) Red
¼ yd: 5t Green + 5t Red



1 yd: 8t Green + (½C + 4t) Red
¼ yd: 2t Green + 7t Red

1 yd: 4t Green + (½C + 4t) Red
¼ yd: 1t Green + 7t Red

Clear Green to Muted Red Complementary Cross, Dark to Light

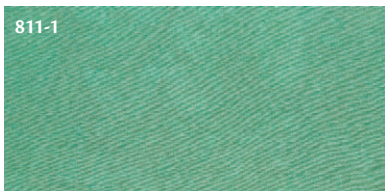
See page 9 to make the needed amounts of liquid dye.

Clear Green: Mix equal amounts Kelly Green and Brightest Green.

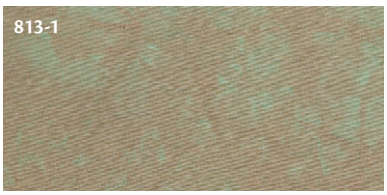
Muted Red: Use Chinese Red or Strongest Red.

For 1-yard pieces in 1-gallon bags: Pour the given amount of mixed liquid dye into a measuring cup, and fill to 4C with water. Add ¼C soda ash / salt mixture (see page 9).
Mix 2½C Clear Green and 2¼C Muted Red to dye all 24 pieces.

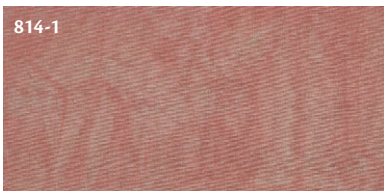
For fat quarters in 1-quart bags: Pour the given amount of mixed liquid dye into a measuring cup, and fill to 1C with water. Add 1T soda ash / salt mixture (see page 9).
Mix ⅔C each Clear Green and Muted Red to dye all 24 pieces.



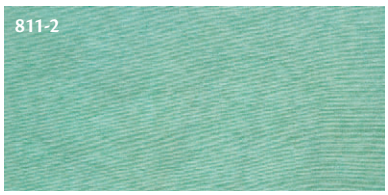
1 yd: (¼C + 2t) Green + 2t Red
¼ yd: 3½t Green + ¼t Red



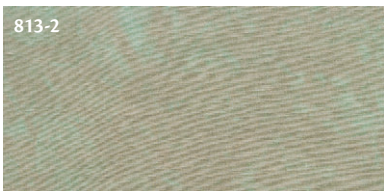
1 yd: (¼C + 2t) Green + (1T + 1t) Red
¼ yd: 3½t Green + 1t Red



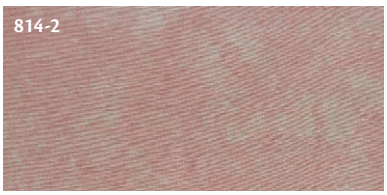
1 yd: ¼C Green + 2T Red
¼ yd: 1T Green + 1½t Red



1 yd: (2T + 1t) Green + 1t Red
¼ yd: 1¾t Green + ⅛t Red



1 yd: (2T + 1t) Green + 2t Red
¼ yd: 1¾t Green + ½t Red



1 yd: 2T Green + 1T Red
¼ yd: 1½t Green + ¾t Red

1 yd: 1¾t Green + ¼t Red
¼ yd: (⅜t + 8d) Green + 4d Red

1 yd: 1¾t Green + ½t Red
¼ yd: (⅜t + 8d) Green + ⅛t Red

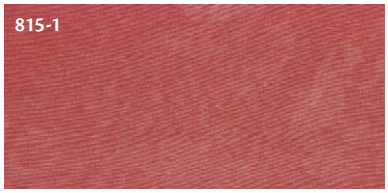
1 yd: 1½t Green + ¾t Red
¼ yd: ⅜t Green + (⅛t + 8d) Red

1 yd: (⅜t + 8d) Green + 4d Red
¼ yd: 14d Green + 1d Red

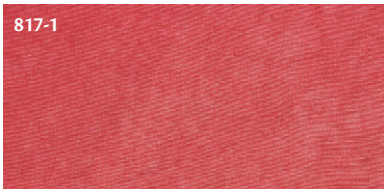
1 yd: (⅜t + 8d) Green + ⅛t Red
¼ yd: 14d Green + 4d Red

1 yd: ⅜t Green + (⅛t + 8d) Red
¼ yd: 12d Green + 6d Red

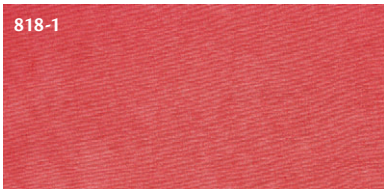
Clear Green to Muted Red Complementary Cross, Dark to Light (cont.)



1 yd: (3T +1t) Green + (3T + 1t) Red
¼ yd: 2½t Green + 2½t Red

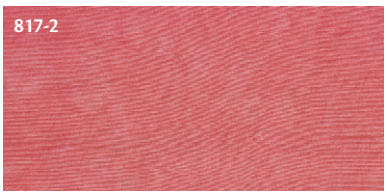


1 yd: 4t Green + (¼C + 2t) Red
¼ yd: 1t Green + 3½t Red

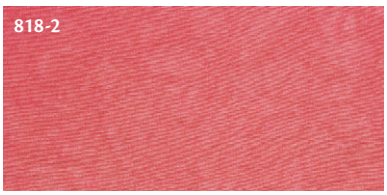


1 yd: 2t Green + (¼C + 2t) Red
¼ yd: ½t Green + 3½t Red

1 yd: (1T + 2t) Green + (1T + 2t) Red
¼ yd: 1¼t Green + 1¼t Red



1 yd: 2t Green + (2T + 1t) Red
¼ yd: ½t Green + 1¾t Red



1 yd: 1t Green + (2T + 1t) Red
¼ yd: ¼t Green + 1¾t Red

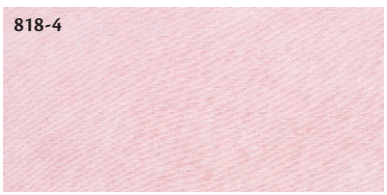
1 yd: 1¼t Green + 1¼t Red
¼ yd: (¼t + 8d) Green + (¼t + 8d) Red

1 yd: ½t Green + 1¾t Red
¼ yd: ⅛t Green + (⅜t + 8d) Red

1 yd: ¼t Green + 1¾t Red
¼ yd: 8d Green + (⅜t + 8d) Red

1 yd: (¼t + 8d) Green + (¼t + 8d) Red
¼ yd: 10d Green + 10d Red

1 yd: ⅛t Green + (⅜t + 8d) Red
¼ yd: 4d Green + 14d Red



1 yd: 8d Green + (⅜t + 8d) Red
¼ yd: 2d Green + 14d Red

Clear Green to Black, Dark to Light

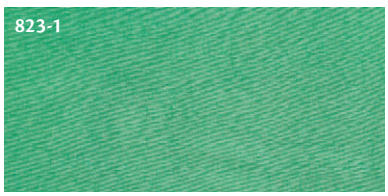
See page 9 to make the needed amounts of liquid dye.

Clear Green: Mix equal amounts Kelly Green and Brightest Green.

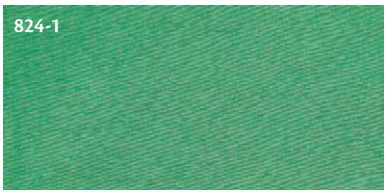
Black: Use New Black.

For 1-yard pieces in 1-gallon bags: Pour the given amount of mixed liquid dye into a measuring cup, and fill to 4C with water. Add ¼C soda ash / salt mixture (see page 9).
Mix 4¾C Clear Green and 2C Black to dye all 24 pieces.

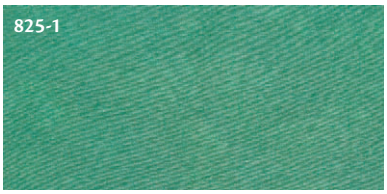
For fat quarters in 1-quart bags: Pour the given amount of mixed liquid dye into a measuring cup, and fill to 1C with water. Add 1T soda ash / salt mixture (see page 9).
Mix 1⅓C Clear Green and ½C Black to dye all 24 pieces.



1 yd: 1t Black + fill to ½C with Green
¼ yd: ¼t Black + 5¾t Green

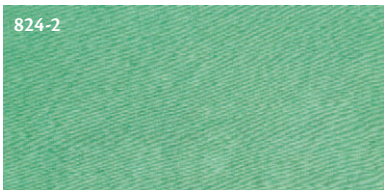


1 yd: 2t Black + fill to ½C with Green
¼ yd: ½t Black + (1T + 2½t) Green

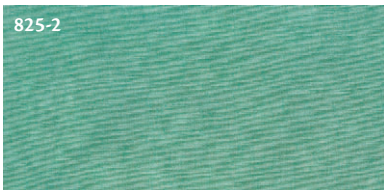


1 yd: 4t Black + fill to ½C Green
¼ yd: 1t Black + (1T + 2t) Green

1 yd: ½t Black + fill to ¼C with Green
¼ yd: ⅛t Black + 2¾t Green



1 yd: 1t Black + fill to ¼C Green
¼ yd: ¼t Black + 2¾t Green



1 yd: 2t Black + (3T + 1t) Green
¼ yd: ½t Black + 2½t Green

1 yd: ⅛t Black + (2¾t + ⅛t) Green
¼ yd: 4d Black + (½t + ⅛t + 8d) Green

1 yd: ¼t Black + 2¾t Green
¼ yd: 8d Black + (½t + ⅛t + 8d) Green

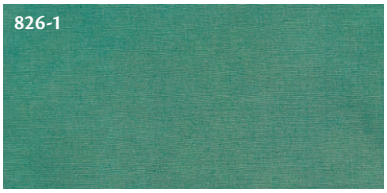
1 yd: ½t Black + 2½t Green
¼ yd: ⅛t Black + (½t + ⅛t + 8d) Green

1 yd: 4d Black + (½t + ⅛t + 8d) Green
¼ yd: 1d Black + (⅛t + 6d) Green

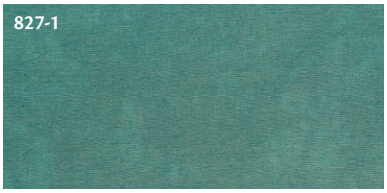
1 yd: 8d Black + (½t + ⅛t + 8d) Green
¼ yd: 2d Black + (⅛t + 6d) Green

1 yd: ⅛t Black + (½t + ⅛t + 8d) Green
¼ yd: 4d Black + (⅛t + 4d) Green

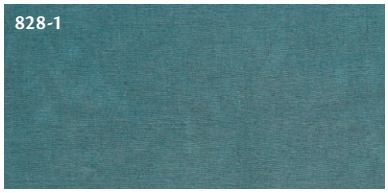
Clear Green to Black, Dark to Light (cont.)



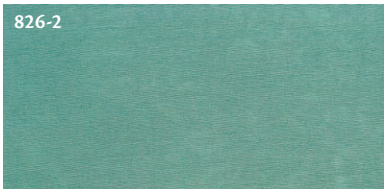
1 yd: (2T + 2t) Black + fill to ½C Green
¼ yd: 2t Black + (1T + 1t) Green



1 yd: ¼C Black + ¼C Green
¼ yd: 1T Black + 1T Green



1 yd: ⅓C Black + fill to ½C with Green
¼ yd: (1T + 1t) Black + 2t Green



1 yd: 4t Black + (2T + 2t) Green
¼ yd: 1t Black + 2t Green

1 yd: 2T Black + 2T Green
¼ yd: 1½t Black + 1½t Green

1 yd: (2T + 2t) Black + (1T + 1t) Green
¼ yd: 2t Black + 1t Green

1 yd: 1t Black + 2t Green
¼ yd: ¼t Black + ½t Green

1 yd: 1½t Black + 1½t Green
¼ yd: ⅜t Black + ⅜t Green

1 yd: 2t Black + 1t Green
¼ yd: ½t Black + ¼t Green

1 yd: ¼t Black + ½t Green
¼ yd: 8d Black + ⅛t Green

1 yd: ⅜t Black + ⅜t Green
¼ yd: 12d Black + 12d Green

1 yd: ½t Black + ¼t Green
¼ yd: ⅛t Black + 8d Green

Clear Green to Black

See page 9 to make the needed amounts of liquid dye.

Clear Green: Mix equal amounts Kelly Green and Brightest Green.

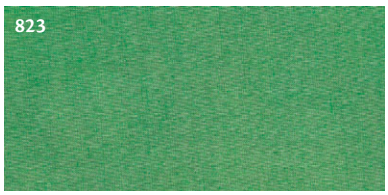
Black: Use New Black.

For 1-yard pieces in 1-gallon bags: Pour the given amount of mixed liquid dye into a measuring cup, and fill to 4C with water. Add ¼C soda ash / salt mixture (see page 9).

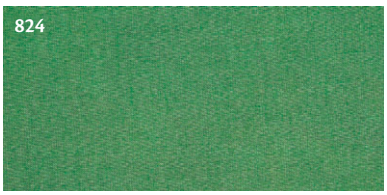
Mix 4¾C Clear Green and 2C Black to dye all 6 pieces.

For fat quarters in 1-quart bags: Pour the given amount of mixed liquid dye into a measuring cup, and fill to 1C with water. Add 1T soda ash / salt mixture (see page 9).

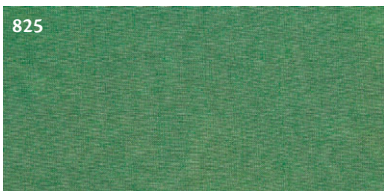
Mix 1⅓C Clear Green and ½C Black to dye all 6 pieces.



1 yd: 2t Black + fill to 1C with Green
¼ yd: ½t Black + fill to ¼C with Green



1 yd: 4t Black + fill to 1C with Green
¼ yd: 1t Black + fill to ¼C with Green



1 yd: 8t Black + fill to 1C with Green
¼ yd: 2t Black + fill to ¼C with Green

1 yd: ⅓C Black + ⅔C Green
¼ yd: 4t Black + (2T + 2t) Green

1 yd: ½C Black + ½C Green
¼ yd: 2T Black + 2T Green

1 yd: ⅔C Black + ⅓C Green
¼ yd: (2T + 2t) Black + 4t Green

Clear Yellow-Green, Dark to Light

See page 9 to make the needed amounts of liquid dye.

Clear Yellow-Green: Mix ½t Turquoise, and fill to ¼C with Lemon Yellow or Sun Yellow.

For 1-yard pieces in 1-gallon bags: Pour the given amount of mixed liquid dye into a measuring cup, and fill to 4C with water. Add ¼C soda ash / salt mixture (see page 9).

Mix 2C Clear Yellow-Green to dye all 6 pieces.

For fat quarters in 1-quart bags: Pour the given amount of mixed liquid dye into a measuring cup, and fill to 1C with water. Add 1T soda ash / salt mixture (see page 9).

Mix ½C Clear Yellow-Green to dye all 6 pieces.

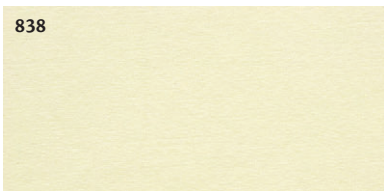
1 yd: 1C Yellow-Green
¼ yd: ¼C Yellow-Green

1 yd: ½C Yellow-Green
¼ yd: 2T Yellow-Green

1 yd: 2T Yellow-Green
¼ yd: 1½t Yellow-Green

1 yd: 1T Yellow-Green
¼ yd: ¾t Yellow-Green

1 yd: ¾t Yellow-Green
¼ yd: (⅛t + 8d) Yellow-Green



1 yd: (¼t + ⅛t) Yellow-Green
¼ yd: 12d Yellow-Green

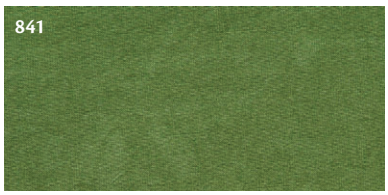
Muted Green, Dark to Light

See page 9 to make the needed amounts of liquid dye.

Muted Green: Mix equal amounts Cobalt or Mixing Blue and Golden Yellow or Tangerine.

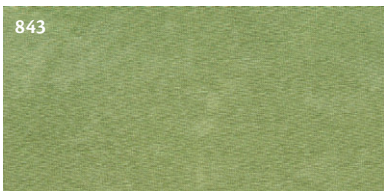
For 1-yard pieces in 1-gallon bags: Pour the given amount of mixed liquid dye into a measuring cup, and fill to 4C with water.
Add ¼C soda ash / salt mixture (see page 9).
Mix 2C Muted Green to dye all 6 pieces.

For fat quarters in 1-quart bags: Pour the given amount of mixed liquid dye into a measuring cup, and fill to 1C with water.
Add 1T soda ash / salt mixture (see page 9).
Mix ½C Muted Green to dye all 6 pieces.



1 yd: 1C Green
¼ yd: ¼C Green

1 yd: ½C Green
¼ yd: 2T Green



1 yd: ¼C Green
¼ yd: 1T Green

1 yd: 2T Green
¼ yd: 1½t Green

1 yd: 1½t Green
¼ yd: (¼t + ⅛t) Green

1 yd: (¼t + ⅛t) Green
¼ yd: 12d Green

Muted Green to Clear Red Complementary Cross

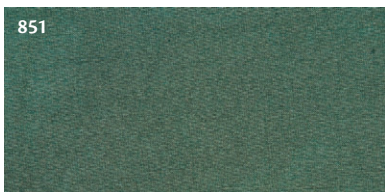
See page 9 to make the needed amounts of liquid dye.

Muted Green: Mix equal amounts Cobalt or Mixing Blue and Golden Yellow or Tangerine.

Clear Red: Use Fuchsia.

For 1-yard pieces in 1-gallon bags: Pour the given amount of mixed liquid dye into a measuring cup, and fill to 4C with water.
Add ¼C soda ash / salt mixture (see page 9).
Mix 3C Muted Green and 2¼C Clear Red to dye all 6 pieces.

For fat quarters in 1-quart bags: Pour the given amount of mixed liquid dye into a measuring cup, and fill to 1C with water.
Add 1T soda ash / salt mixture (see page 9).
Mix ¾C Muted Green and ½C Clear Red to dye all 6 pieces.

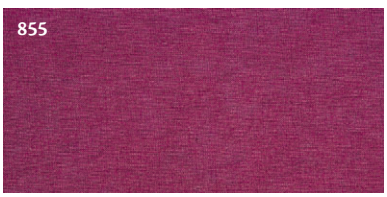


1 yd: (½C + 4t) Green + 2t Red
¼ yd: 7t Green + ½t Red

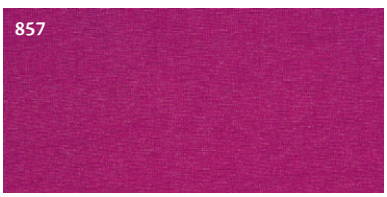
1 yd: (½C + 4t) Green + 4t Red
¼ yd: 7t Green + 1t Red

1 yd: (½C + 4t) Green + (2T + 2t) Red
¼ yd: 7t Green + 2t Red

1 yd: ½C Green + ¼C Red
¼ yd: 2T Green + 1T Red



1 yd: (6T + 2t) Green + (6T + 2t) Red
¼ yd: 5t Green + 5t Red



1 yd: (2T + 2t) Green + (½C + 4t) Red
¼ yd: 2t Green + 7t Red

Muted Green to Clear Red Complementary Cross, Dark to Light

See page 9 to make the needed amounts of liquid dye.

Muted Green: Mix equal amounts Cobalt or Mixing Blue and Golden Yellow or Tangerine.

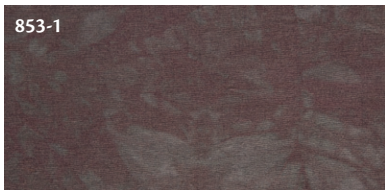
Clear Red: Use Fuchsia.

For 1-yard pieces in 1-gallon bags: Pour the given amount of mixed liquid dye into a measuring cup, and fill to 4C with water.
Add ¼C soda ash / salt mixture (see page 9).
Mix 3C Muted Green and 2¼C Clear Red to dye all 24 pieces.

For fat quarters in 1-quart bags: Pour the given amount of mixed liquid dye into a measuring cup, and fill to 1C with water.
Add 1T soda ash / salt mixture (see page 9).
Mix ¾C Muted Green and ½C Clear Red to dye all 24 pieces.

1 yd: (¼C + 2t) Green + 1t Red
¼ yd: 3½t Green + ¼t Red

1 yd: (¼C + 2t) Green + 2t Red
¼ yd: 3½t Green + ½t Red



1 yd: (¼C + 2t) Green + (1T + 1t) Red
¼ yd: 3½t Green + 1t Red

1 yd: (2T + 1t) Green + ½t Red
¼ yd: 1¾t Green + ⅛t Red

1 yd: (2T + 1t) Green + 1t Red
¼ yd: 1¾t Green + ¼t Red

1 yd: (2T + 1t) Green + 2t Red
¼ yd: 1¾t Green + ½t Red

1 yd: 1¾t Green + ⅛t Red
¼ yd: (⅜t + 8d) Green + 4d Red

1 yd: 1¾t Green + ¼t Red
¼ yd: (⅜t + 8d) Green + 8d Red

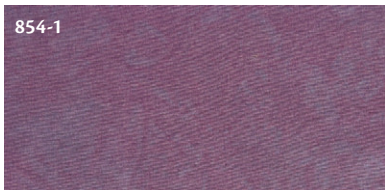
1 yd: 1¾t Green + ½t Red
¼ yd: (⅜t + 8d) Green + ⅛t Red

1 yd: (⅜t + 8d) Green + 4d Red
¼ yd: 14d Green + 1d Red

1 yd: (⅜t + 8d) Green + 8d Red
¼ yd: 14d Green + 2d Red

1 yd: (⅜t + 8d) Green + ⅛t Red
¼ yd: 14d Green + 4d Red

Muted Green to Clear Red Complementary Cross, Dark to Light (cont.)

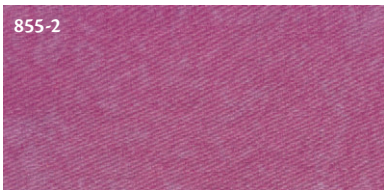


1 yd: ¼C Green + 2T Red
¼ yd: 1T Green + 1½t Red

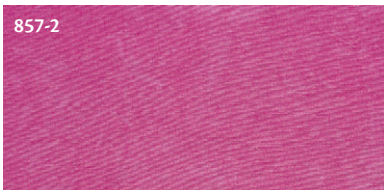
1 yd: (3T + 1t) Green + (3T +1t) Red
¼ yd: 2½t Green + 2½t Red

1 yd: 4t Green + (¼C + 2t) Red
¼ yd: 1t Green + 3½t Red

1 yd: 2T Green + 1T Red
¼ yd: 1½t Green + ¾t Red

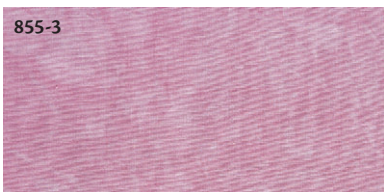


1 yd: (1T + 2t) Green + (1T + 2t) Red
¼ yd: 1¼t Green + 1¼t Red

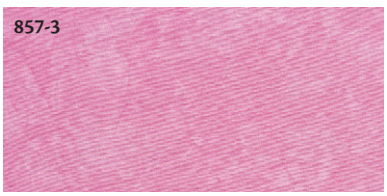


1 yd: 2t Green + (2T + 1t) Red
¼ yd: ½t Green + 1¾t Red

1 yd: 1½t Green + ¾t Red
¼ yd: ⅜t Green + (⅛t + 8d) Red



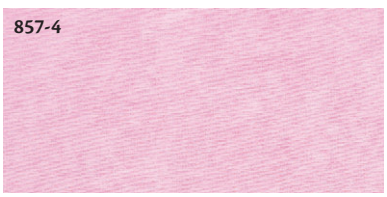
1 yd: 1¼t Green + 1¼t Red
¼ yd: (¼t + 8d) Green + (¼t + 8d) Red



1 yd: ½t Green + 1¾t Red
¼ yd: ⅛t Green + (⅜t + 8d) Red

1 yd: ⅜t Green + (⅛t + 8d) Red
¼ yd: 12d Green + 6d Red

1 yd: (¼t + 8d) Green + (¼t + 8d) Red
¼ yd: 10d Green + 10d Red



1 yd: ⅛t Green + (⅜t + 8d) Red
¼ yd: 4d Green + 14d Red

Muted Green to Black, Dark to Light

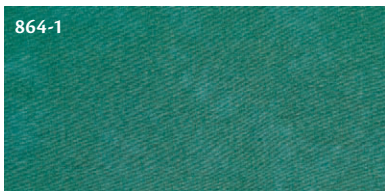
See page 9 to make the needed amounts of liquid dye.

Muted Green: Mix equal amounts Cobalt or Mixing Blue and Golden Yellow or Tangerine.

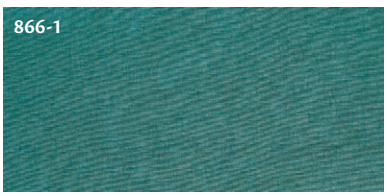
Black: Use New Black.

For 1-yard pieces in 1-gallon bags: Pour the given amount of mixed liquid dye into a measuring cup, and fill to 4C with water. Add ¼C soda ash / salt mixture (see page 9).
Mix 2C Muted Green and 1⅓C Black to dye all 12 pieces.

For fat quarters in 1-quart bags: Pour the given amount of mixed liquid dye into a measuring cup, and fill to 1C with water. Add 1T soda ash / salt mixture (see page 9).
Mix ⅔C Muted Green and ½C Black to dye all 12 pieces.

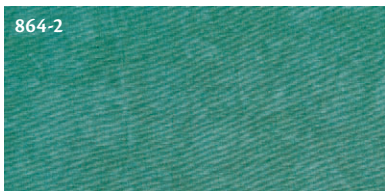


1 yd: 2t Black + fill to ½C with Green
¼ yd: ½t Black + (1T + 2½t) Green

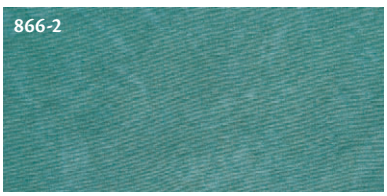


1 yd: 8t Black + fill to ½C with Green
¼ yd: 2t Black + (1T + 1t) Green

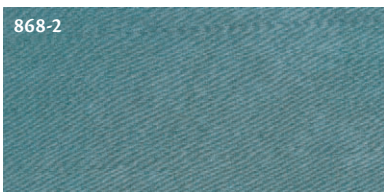
1 yd: ⅓C Black + (2T + 2t) Green
¼ yd: (1T + 1t) Black + 2t Green



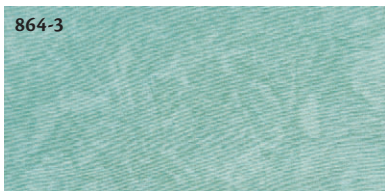
1 yd: 1t Black + fill to ¼C with Green
¼ yd: ¼t Black + 2¾t Green



1 yd: 4t Black + (2T + 2t) Green
¼ yd: 1t Black + 2t Green

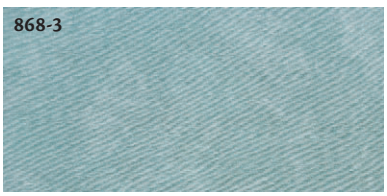


1 yd: (2T + 2t) Black + (1T + 1t) Green
¼ yd: 2t Black + 1t Green



1 yd: ¼t Black + 2¾t Green
¼ yd: 8d Black + (½t + ⅛t + 8d) Green

1 yd: 1t Black + 2t Green
¼ yd: ¼t Black + ½t Green



1 yd: 2t Black + 1t Green
¼ yd: ½t Black + ¼t Green

1 yd: 8d Black + (½t + ⅛t + 8d) Green
¼ yd: 2d Black + (⅛t + 6d) Green

1 yd: ¼t Black + ½t Green
¼ yd: 8d Black + ⅛t Green

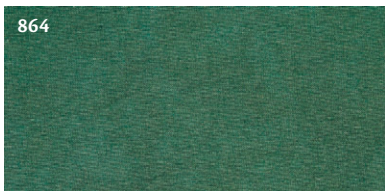
1 yd: ½t Black + ¼t Green
¼ yd: ⅛t Black + 8d Green

Muted Green to Black

See page 9 to make the needed amounts of liquid dye.

Muted Green: Mix equal amounts Cobalt or Mixing Blue and Golden Yellow or Tangerine.
Black: Use New Black.
For 1-yard pieces in 1-gallon bags: Pour the given amount of mixed liquid dye into a measuring cup, and fill to 4C with water. Add ¼C soda ash / salt mixture (see page 9).
Mix 2C Muted Green and 1⅓C Black to dye all 3 pieces.

For fat quarters in 1-quart bags: Pour the given amount of mixed liquid dye into a measuring cup, and fill to 1C with water. Add 1T soda ash / salt mixture (see page 9).
Mix ⅔C Muted Green and ½C Black to dye all 3 pieces.



1 yd: 4t Black + (¾C + 2T + 2t) Green
¼ yd: 1t Black + (3T + 2t) Green

1 yd: ⅓C Black + ⅔C Green
¼ yd: 4t Black + fill to ¼C with Green

1 yd: ⅔C Black + ⅓C Green
¼ yd: (2T + 2t) Black + (1T + 1t) Green

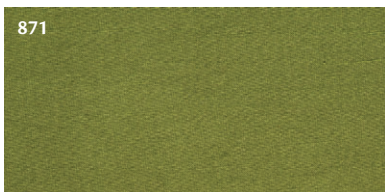
note There was not enough color difference to show all 6 gradations.

Muted Yellow-Green, Dark to Light

See page 9 to make the needed amounts of liquid dye.

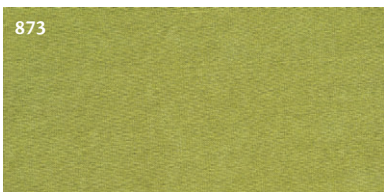
Muted Yellow-Green: Mix 1t Cobalt or Mixing Blue and (3T + 2t) Golden Yellow or Tangerine to make ¼C Muted Yellow-Green. Multiply as needed for larger amounts.
For 1-yard pieces in 1-gallon bags: Pour the given amount of mixed liquid dye into a measuring cup, and fill to 4C with water. Add ¼C soda ash / salt mixture (see page 9).
Mix 2C Muted Yellow-Green to dye all 6 pieces.

For fat quarters in 1-quart bags: Pour the given amount of mixed liquid dye into a measuring cup, and fill to 1C with water. Add 1T soda ash / salt mixture (see page 9).
Mix ½C Muted Yellow-Green to dye all 6 pieces.

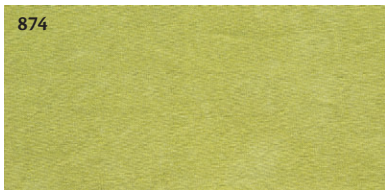


1 yd: 1C Yellow-Green
¼ yd: ¼C Yellow-Green

1 yd: ½C Yellow-Green
¼ yd: 2T Yellow-Green



1 yd: ¼C Yellow-Green
¼ yd: 1T Yellow-Green



1 yd: 2T Yellow-Green
¼ yd: 1½t Yellow-Green

1 yd: 1½t Yellow-Green
¼ yd: (¼t + ⅛t) Yellow-Green

1 yd: (¼t + ⅛t) Yellow-Green
¼ yd: 12d Yellow-Green

Blacks

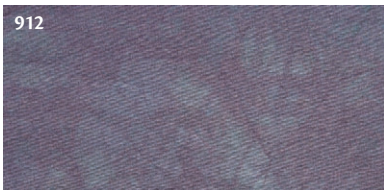
■ Black #39, Dark to Light

See page 9 to make the needed amounts of liquid dye.

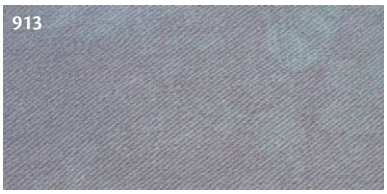
For 1-yard pieces in 1-gallon bags: Pour the given amount of mixed liquid dye into a measuring cup, and fill to 4C with water.
Add ¼C soda ash / salt mixture (see page 9).
Mix 2C Black to dye all 6 pieces.

For fat quarters in 1-quart bags: Pour the given amount of mixed liquid dye into a measuring cup, and fill to 1C with water.
Add 1T soda ash / salt mixture (see page 9).
Mix ½C Black to dye all 6 pieces.

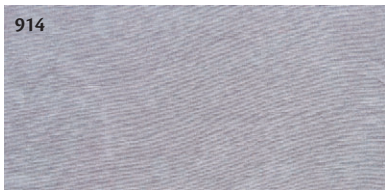
1 yd: 1C Black
¼ yd: ¼C Black



1 yd: ½C Black
¼ yd: 2T Black



1 yd: ¼C Black
¼ yd: 1T Black



1 yd: 2T Black
¼ yd: 1½t Black

1 yd: 1½t Black
¼ yd: (¼t + ⅛t) Black

1 yd: (¼t + ⅛t) Black
¼ yd: 12d Black

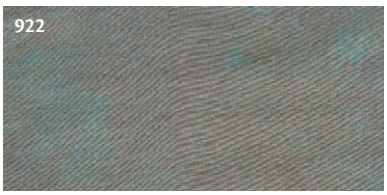
■ Black 602A, Dark to Light

See page 9 to make the needed amounts of liquid dye.

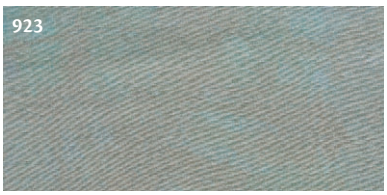
For 1-yard pieces in 1-gallon bags: Pour the given amount of mixed liquid dye into a measuring cup, and fill to 4C with water.
Add ¼C soda ash / salt mixture (see page 9).
Mix 2C Black to dye all 6 pieces.

For fat quarters in 1-quart bags: Pour the given amount of mixed liquid dye into a measuring cup, and fill to 1C with water.
Add 1T soda ash / salt mixture (see page 9).
Mix ½C Black to dye all 6 pieces.

1 yd: 1C Black
¼ yd: ¼C Black



1 yd: ½C Black
¼ yd: 2T Black



1 yd: ¼C Black
¼ yd: 1T Black

1 yd: 2T Black
¼ yd: 1½t Black

1 yd: 1½t Black
¼ yd: (¼t + ⅛t) Black

1 yd: (¼t + ⅛t) Black
¼ yd: 12d Black

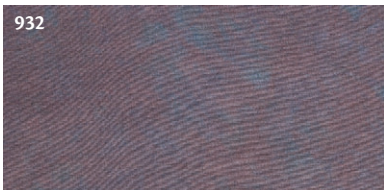
■ Black 608, Dark to Light

See page 9 to make the needed amounts of liquid dye.

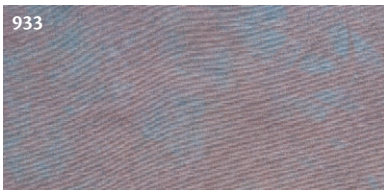
For 1-yard pieces in 1-gallon bags: Pour the given amount of mixed liquid dye into a measuring cup, and fill to 4C with water.
Add ¼C soda ash / salt mixture (see page 9).
Mix 2C Black to dye all 6 pieces.

For fat quarters in 1-quart bags: Pour the given amount of mixed liquid dye into a measuring cup, and fill to 1C with water.
Add 1T soda ash / salt mixture (see page 9).
Mix ½C Black to dye all 6 pieces.

1 yd: 1C Black
¼ yd: ¼C Black



1 yd: ½C Black
¼ yd: 2T Black



1 yd: ¼C Black
¼ yd: 1T Black

1 yd: 2T Black
¼ yd: 1½t Black

1 yd: 1½t Black
¼ yd: (¼t + ⅛t) Black

1 yd: (¼t + ⅛t) Black
¼ yd: 12d Black

■ New Black, Dark to Light

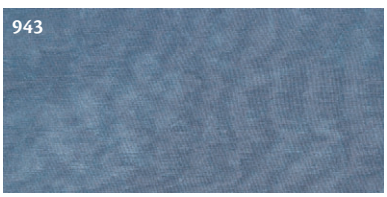
See page 9 to make the needed amounts of liquid dye.

For 1-yard pieces in 1-gallon bags: Pour the given amount of mixed liquid dye into a measuring cup, and fill to 4C with water.
Add ¼C soda ash / salt mixture (see page 9).
Mix 2C Black to dye all 6 pieces.

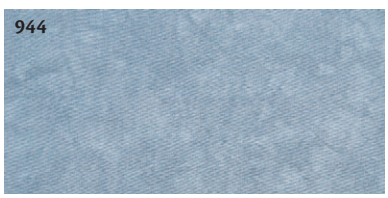
For fat quarters in 1-quart bags: Pour the given amount of mixed liquid dye into a measuring cup, and fill to 1C with water.
Add 1T soda ash / salt mixture (see page 9).
Mix ½C Black to dye all 6 pieces.

1 yd: 1C Black
¼ yd: ¼C Black

1 yd: ½C Black
¼ yd: 2T Black



1 yd: ¼C Black
¼ yd: 1T Black



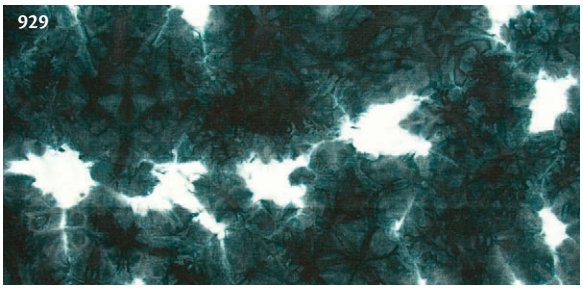
1 yd: 2T Black
¼ yd: 1½t Black

1 yd: 1½t Black
¼ yd: (¼t + ⅛t) Black

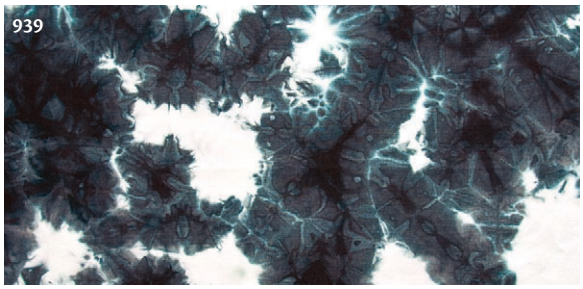
1 yd: (¼t + ⅛t) Black
¼ yd: 12d Black

Blacks can wick up very different colors. For each of the examples below, I put dye and soda ash / salt solution in the bottom of a yogurt container. I then scrunched dry fabric, put it in on top of the dye, and allowed it to wick up the solution. In each example, I used 2 Tablespoons of dye and 1 teaspoon of soda ash / salt solution.

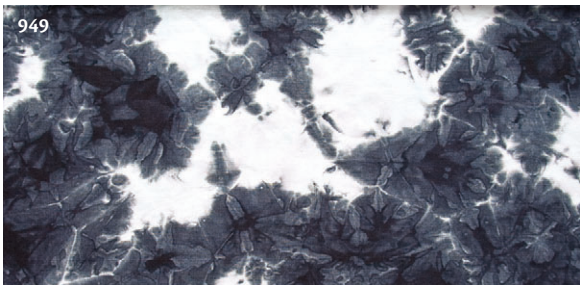
Black #39



Black 602A



Black 608



New Black (#300)

Specialty Dyeing Techniques

For all the following methods, have all the basic supplies handy (pages 6–7), and mix your dye solutions first (page 9 for the basic dyeing mixing process and pages 12–86 for the color formulas).

Rinse the fabric by hand after dyeing it and before putting it into the washer. This is especially important if you have pre-treated the fabric with soda ash solution, as the soda ash will react with other fabrics and the excess dye. You will get colors where you really don't want them!

Pretreating Fabric with Soda Ash

To pretreat the fabric with the soda ash / salt mixture (page 9), soak the fabric in the mixture for about 10 minutes. With gloves on, wring the fabric out and hang it to dry. I've been known to dry a bunch in the dryer—this will give it a bit of a wrinkly texture. When you pretreat fabric with soda ash, you don't need to add any additional soda ash during the dyeing process.

Ombre

In ombre fabric, a color is graduated from light to dark, or one color blends to another. Ombre makes great backgrounds.

1. Wet a piece fabric with either water or soda ash mixture, and place it on a piece of plastic.

2. Pour colors on the fabric in spots or lines.

Pour colors in spots or lines.

3. Use your gloved hands to spread the colors so they just touch each other or mix together. Use more water as needed. Be aware of the color on your gloves as you move your hands. Sometimes I get drips and mixes that I don't want.

Spread colors with gloved hands.

4. Let the fabric sit for at least an hour. I often use this method on my plastic-covered table outside and move the piece out onto the lawn in the shade to set for an hour or more. If you need to move the fabric, move the plastic under it as well. Be aware that the dye will mix and run and may dye your shoes and pants in the process. If you live in a dry area, cover the piece with another piece of plastic while the fabric dries.

The piece below was left to set with the excess dye still on it. The brown areas are where the dye colors mixed. For clearer pieces without the blended colors, place them directly on the grass (in the shade!) for an hour while the dye sets.

Piece left to set with excess dye still on it.

Lilies and Hummingbird
Background for piece was done with ombre method.

Twist

This technique is a very traditional 1960s tie-dye method. It will give you some great curving stripes when cut up. You can fold a half-yard of fabric in half to get two spirals for the work of one—great if you want a mirror image.

1. For sharp color delineations, pretreat the fabric with soda ash / salt (page 9), and dry it. For more blended colors, wet the fabric with the soda ash / salt mixture, and then twist it.

2. Lay the fabric flat, and start twisting with your finger in the center. As the fabric wraps around your finger, use your other hand to keep the fabric flat. You should end up with a roughly round disc about ½"–¾" thick.

Twist fabric from center.

3. Place the fabric in a tub, and pour colors over it. Pour them from one side to the other or from the center out to the edges.

Pour colors across fabric.

4. Let the fabric set for at least an hour before rinsing and washing.

This is the sort of spiral you will get if you pour colors across the twisted fabric.

The caterpillar was made with fabric that was twisted and colored with yellow, green, and black dye. The background fabric was wrapped around a string and tied (page 92).

Layering

I use this method to get blended colors that always surprise me. I also love using one large piece and adding the colors as I stuff it in. I get great pieces that I could never plan.

1. Place a small amount of dye in the bottom of a straight-sided plastic container, such as a cottage cheese carton or deli container.

2. Add about 1 Tablespoon of soda ash / salt solution to the dye.

3. Scrunch dry fabric, and add it to the dye solution. Add a bit of water if needed to bring the liquid level to almost cover the fabric.

Scrunch fabric down into dye mix.

4. Add another color of dye over the fabric, and scrunch in another piece of fabric.

Layer as many fabrics as you want. Add soda ash solution with every other fabric or so.

5. Continue pouring dye solution over and adding more fabric until the container is full or you have dyed all the fabric you want.

note Dye dark colors and light colors separately.

In the examples below, I poured Muted Yellow in first and then put the first fabric in. I poured in Brightest Green with soda ash solution and added a second piece of fabric. I then poured Mixing Blue on top and added a third piece of fabric. I poured weak Fuchsia with soda ash solution on top of that and added a fourth fabric. Then I poured Muted Yellow over the last piece and added a bit of water. I pushed the whole group down with a chopstick and left it to sit for a few hours before rinsing and washing.

Layered fabrics

An alternate way to layer is to use a half or whole yard of fabric. Place some dye in the container, push in some fabric, pour on another color of dye with some soda ash mixture in it, push in some more fabric, and add some more dye, continuing until the whole piece of fabric is in. Scrunch it down well, and let it sit for at least an hour. If you forget to add the soda ash mixture with the dye, just add it at the end and scrunch the fabric some more.

Using Dry Dye Powder

This technique results in bursts of color. Use dye powders such as blacks and browns that have a mixture of colors in them for best results.

1. Wet the fabric with soda ash mixture (page 9), and scrunch it loosely in a container.

2. Put on a mask, and sprinkle dye powder over the wet fabric. Let it sit for at least an hour before rinsing and washing it.

Wear a mask when sprinkling dye powder over wet fabric like this piece done with brown dye powder.

The spotted white fish were made with fabric that was dampened with soda ash / salt solution and sprinkled with dry dye powders.

Rolling on a Rope

This gives a fun texture for water or a gradation of texture and color value across a piece. See the background in the caterpillar photo on page 90.

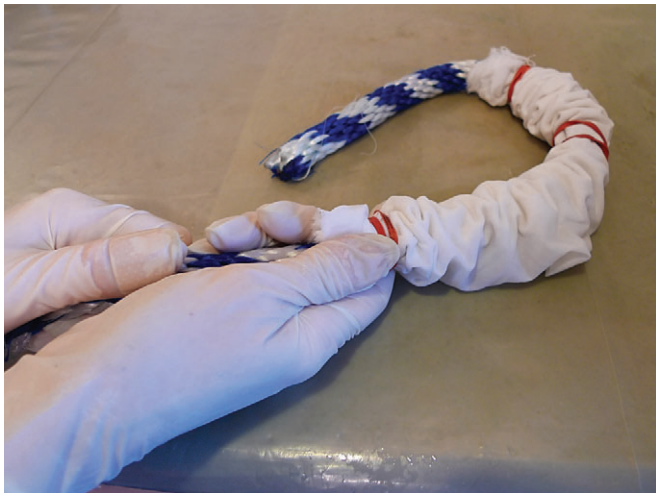
1. Loosely roll a fat quarter of fabric around a string or rope.

2. Wrap rubber bands around the middle and the ends, but don't make them too tight. Scrunch the fabric together toward the middle.

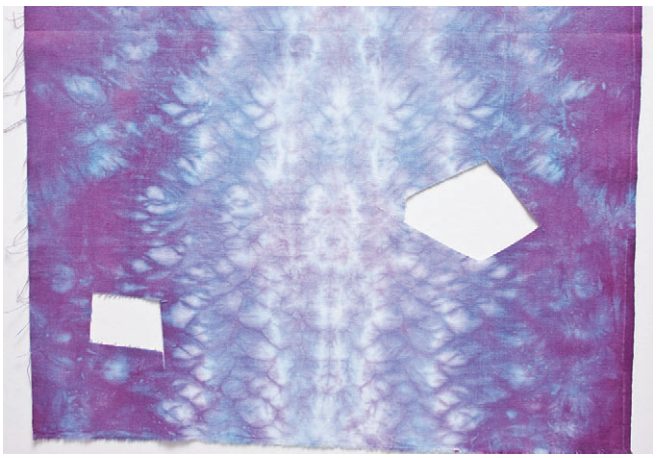
3. Prepare enough dye in a cottage cheese or large yogurt container to cover the fabric.

4. Immerse the fabric in the dye for 10 to 20 minutes. The longer you leave it in the dye, the less texture you will see. Unroll the fabric and lay it flat for at least an hour for the dyes to set. You can soak the fabric in the soda ash / salt solution before rolling and immersing, or add it to the dye water you will immerse the fabric in. You can also unroll the fabric after the first dyeing and roll it in the other direction to over-dye it. Leave it in the dye solution for 10 to 20 minutes, and then lay it out for the dyes to set. You can also do this to a piece of previously dyed fabric so that your background isn't white.

Roll fabric loosely on rope.



Secure fabric with at least 3 rubber bands and scrunch toward middle.



Yes, this piece has holes in it! I use this texture frequently; see the caterpillar background on page 90. You can see what great water this piece would make. It was folded and rolled from the center, so it has a mirror image.

Painting with Thickened Dyes

This method is great for when you want a specific color or colors in a specific place, or if you just want to play with painting.

1. Mix up thickener using 1 teaspoon of sodium alginate to 1 Cup of water. Use a blender or a small whisk. I usually let it sit overnight. If the solution is too thick, add water a little bit at a time until the solution is just a bit thicker than you want.

2. Soak the fabric for about 5 minutes in soda ash solution (page 9), and hang it to dry.

3. Pour some of the sodium alginate solution into smaller containers. Add either dye powder or strong dye solution (mix 2 Tablespoons of dye powder with 1 Cup water) to the sodium alginate solution, and mix well.

4. Use the thickened dye to paint directly on the pretreated fabric.

In the quilt below, an outline of a fish was laminated in plastic, the fabric was laid over the plastic, and then the fish was painted with thickened dyes. The checkered fabric was created by ironing freezer-paper squares to fabric, painting over the squares, and then removing them. The words were silk-screened. All the fabric was pretreated with soda ash solution and painted with thickened dyes.

Fabric created using thickened dyes

To create the image below, I placed leaves from my garden under a wooden frame on which I had stretched fabric pretreated with soda ash / salt solution. I outlined the shapes of the leaves with a resist and painted them with thickened dyes. I painted the background, sprayed the whole piece lightly with water, and then hung it up so that the dyes would run.

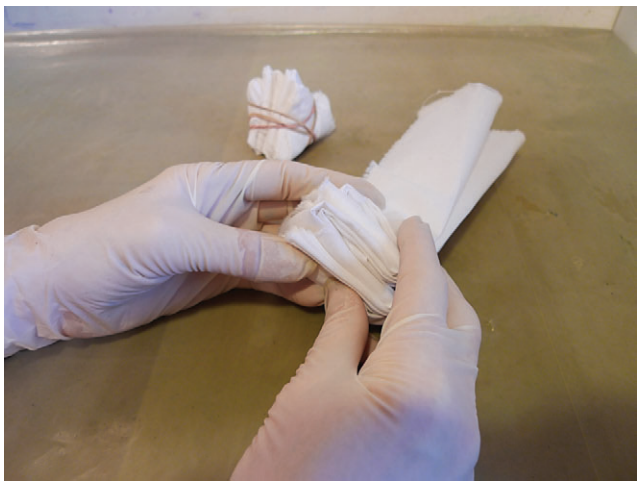
Painted using thickened dyes

Pleat and Dip

Depending on how you fold the fabric, you can get very different patterns and textures.

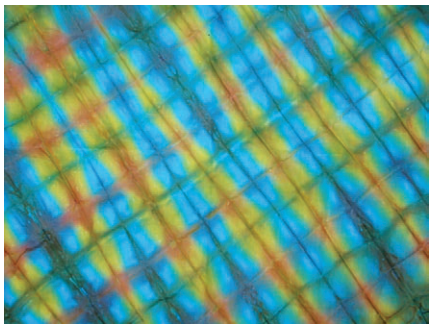
1. Either soak fabric in soda ash mixture (page 9), and hang the fabric to dry, or put soda ash mixture in the liquid dye that you dip the fabric in.

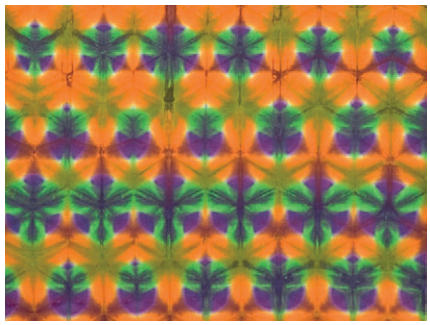
2. Pleat the dry fabric in one direction. This can be done very neatly or somewhat randomly. Fold the pleats a second time, and secure the piece with 1 or 2 rubber bands. The second pleat can be square, triangular, 60°, or any way you like.



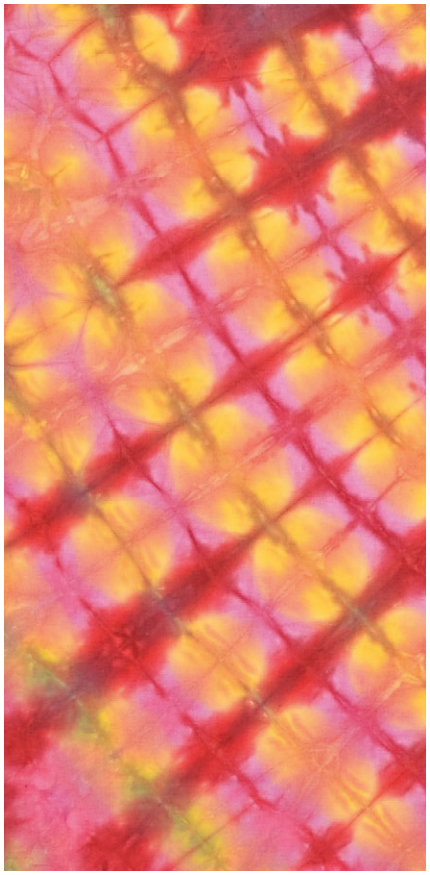
Pleat fabric in 2 directions.

3. Dip each side of the folded fabric into a different color. These can be contrasting or coordinating colors.





Fabrics were pleated 2 different ways before dipping and dyeing.



Another folded variation

About the Author

Linda Johansen lives in western Oregon and loves the lushness of the wet climate. She can be found either dyeing in her laundry room or sewing and quilting in her studio. She loves getting beginners started with quilting, fabric dyeing, and art quilting. When she isn't up to her elbows in fabric, she's likely walking or doing agility with her border collies, gardening, dancing with her husband, or reading. Linda can be reached at www.lindajohansen.com.

Linda's older son also sews, making custom boots. Check them out at www.rideherd.com.

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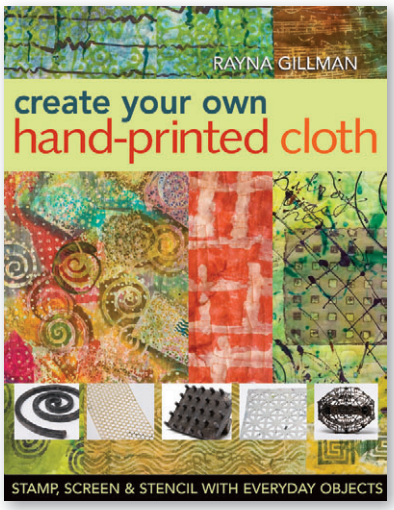

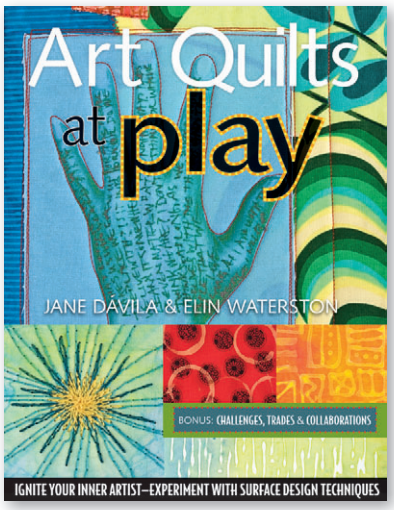

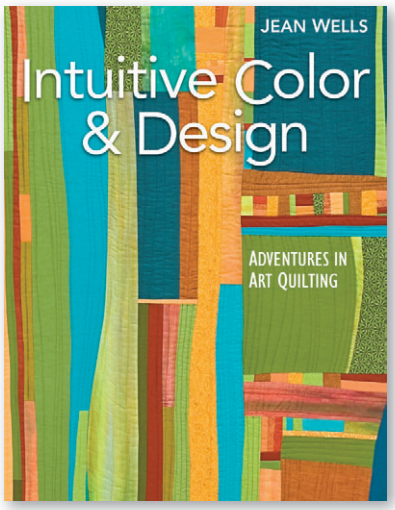

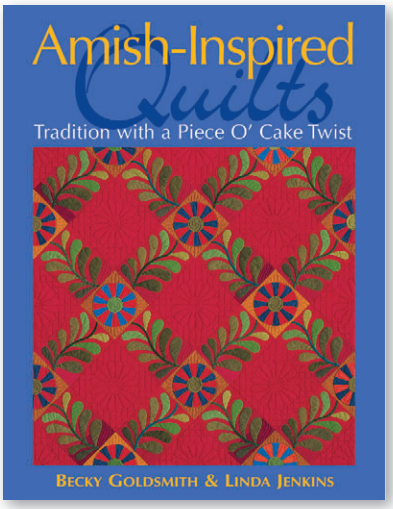

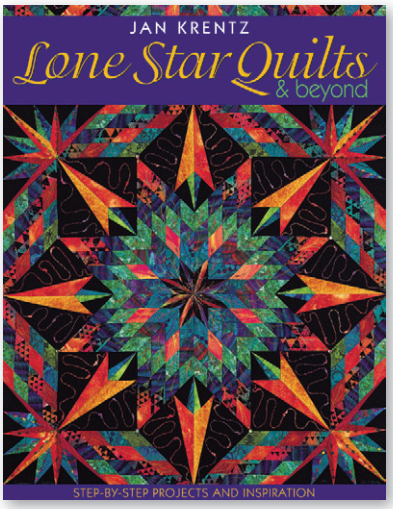

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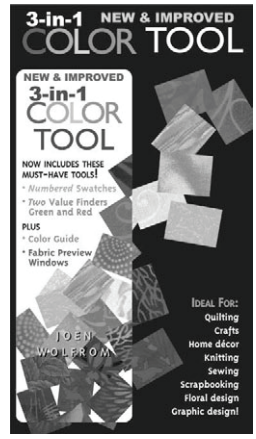

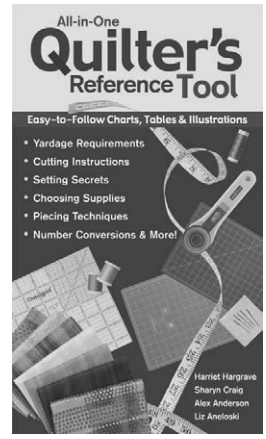

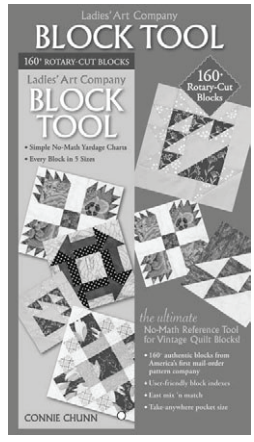

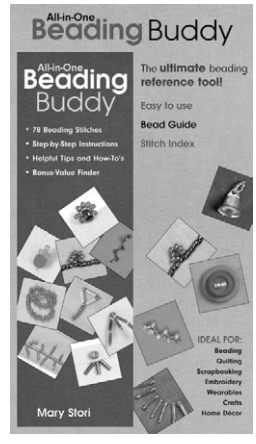

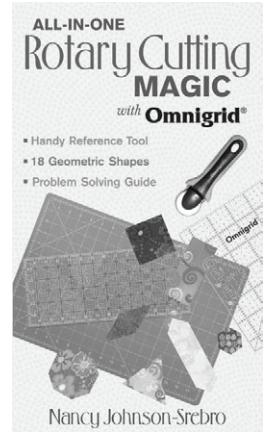

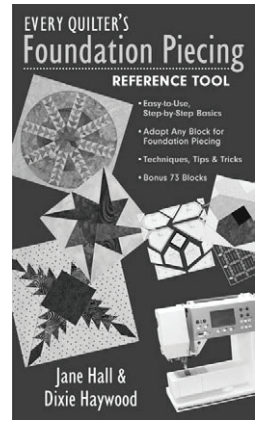

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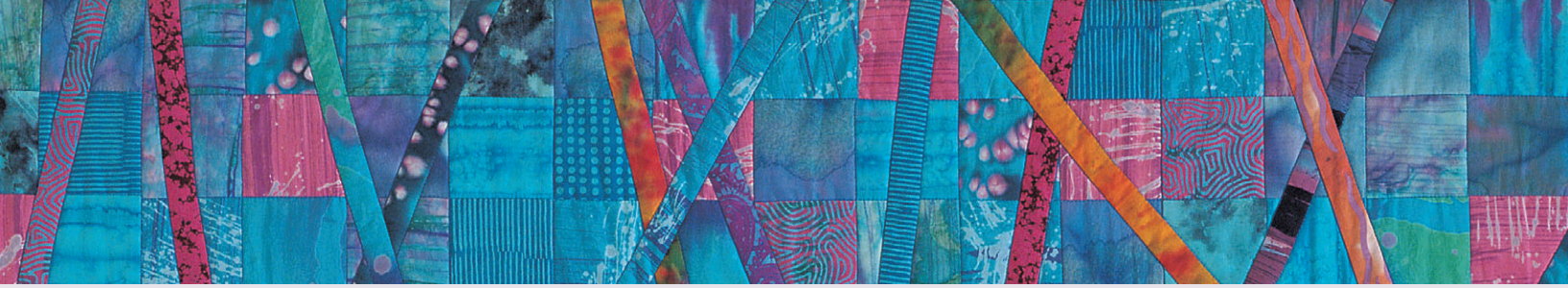

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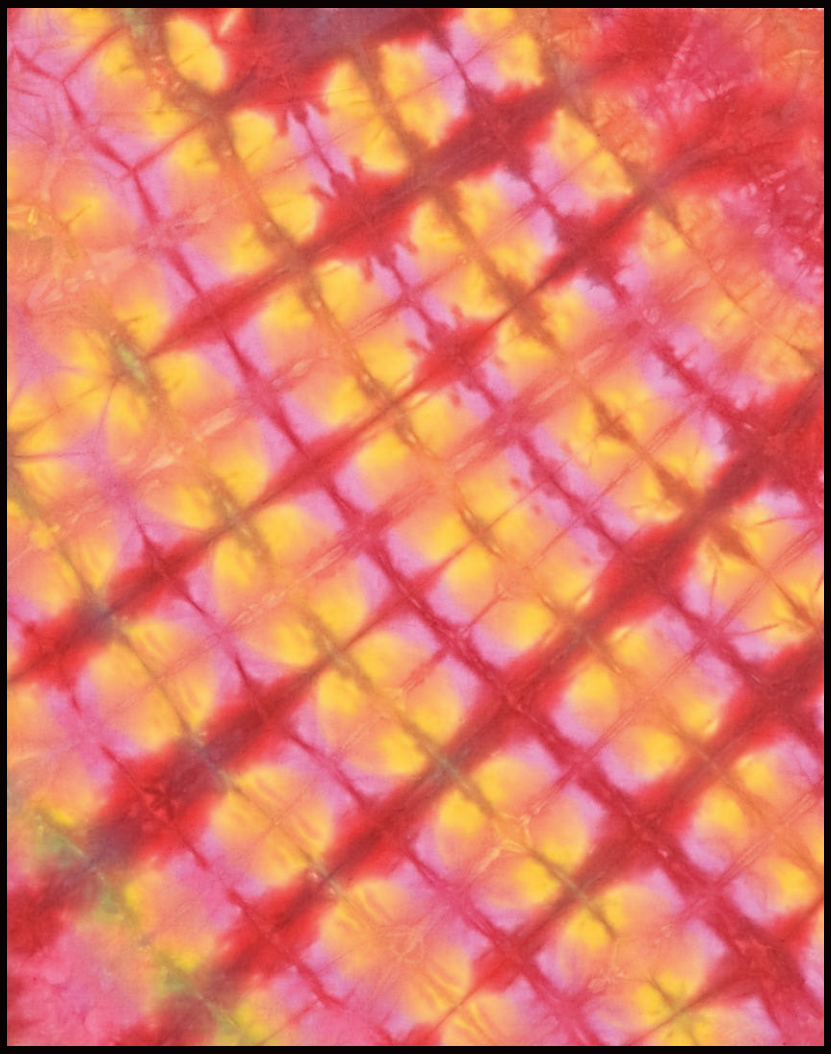

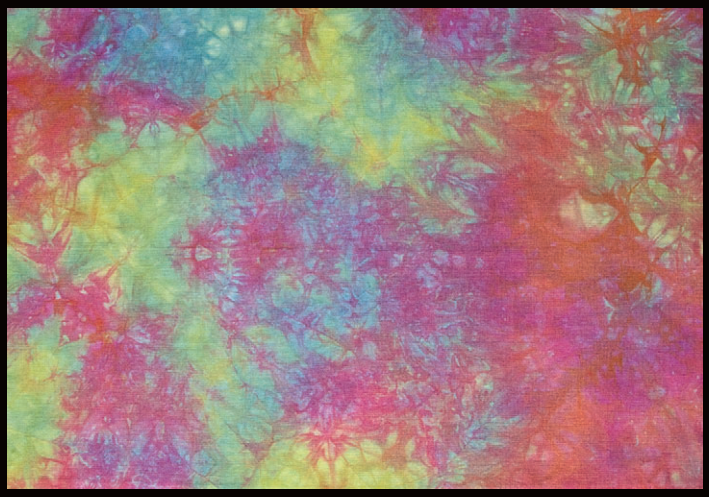

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