

- ★★ Always wear a dust mask when handling dye powders and soda ash.
- ★★ Wear gloves when handling dyes and dyed fabric until all the excess dye is washed out.

Vat Dyeing (mostly solid colors)—keep in dye at least 2 hours, agitate frequently

The following table shows the amount of dye and soda ash to use **per 1/4 yard of fabric**; multiply as needed for larger quantities of fabric

Light color	1/4 – 1/2 teaspoon dye powder	1 teaspoon soda ash powder	2 – 5 gallons of water
Medium color	1/2 – 3/4 teaspoon dye powder	1 teaspoon soda ash powder	2 – 5 gallons of water
Dark color	1 – 1 1/2 teaspoons dye powder or more for a really dark color	1 teaspoon soda ash powder	2 – 5 gallons of water

Low-Water Immersion (textured colors)—keep in dye at least 2 hours Direct Application—keep covered for at least 12 hours

The following table shows the amount of dye and soda ash to use **per 1/4 yard of fabric**; multiply as needed for larger quantities of fabric

Light color	1/8 – 1/4 teaspoon dye powder	1 teaspoon soda ash powder	Water to just cover fabric or to apply directly to fabric
Medium color	1/4 teaspoon dye powder	1 teaspoon soda ash powder	Water to just cover fabric or to apply directly to fabric
Dark color	1/2 teaspoon dye powder or more for a really dark color	1 teaspoon soda ash powder	Water to just cover fabric or to apply directly to fabric

Soda Soak Solution

Dissolve 9 tablespoons of soda ash (sodium carbonate) in 1 gallon of hot water. Soak fabric for 10 – 20 minutes, wring out. Soda soak keeps indefinitely and can be reused. Do not add soda ash to dye bath when using soda-soaked fabric.

Washing Out

After dyeing, rinse/wash fabric starting with cold water, then switch to hot until no more color comes out. Iron wet fabric between two pieces of white fabric, if any color transfers to the white fabric, keep rinsing/washing. Use a little Synthropol or Dharma Professional Textile Detergent when washing out dyes.

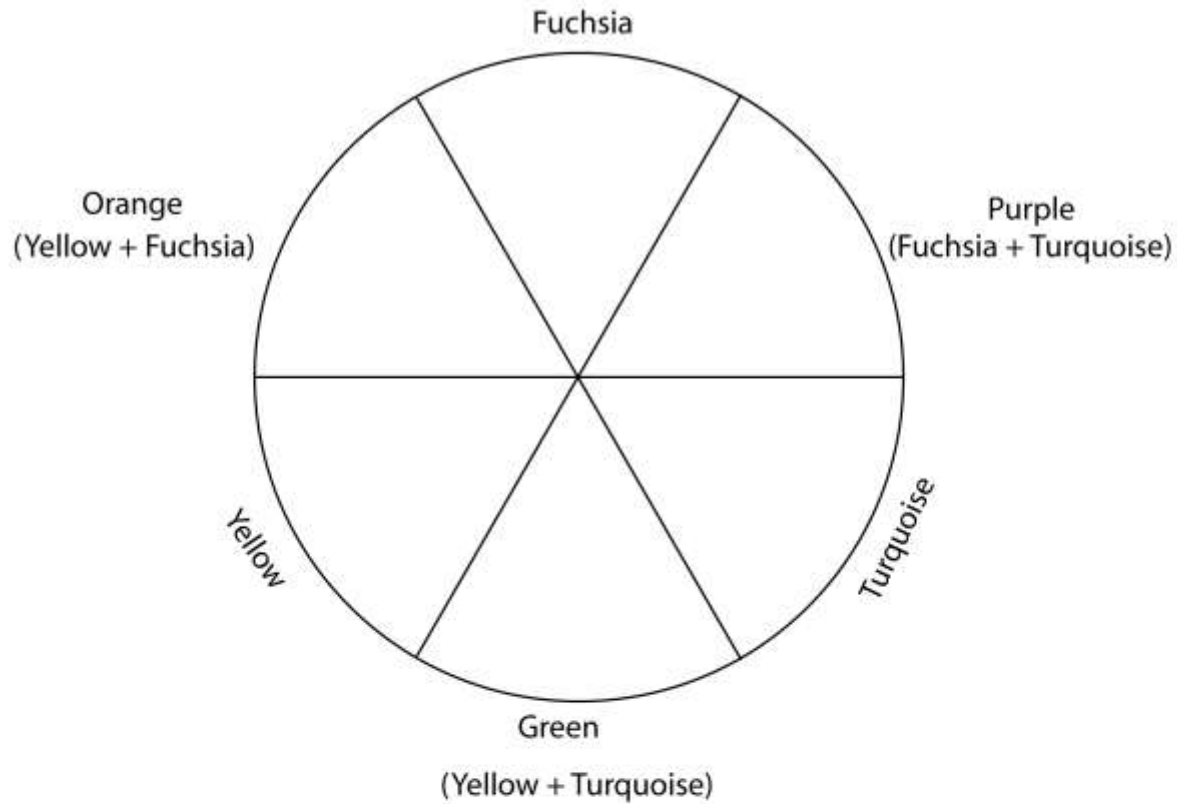
Sources of Procion MX / Fiber Reactive Dyes and other Dyeing Supplies

Dharma Trading: dharmatrading.com

Prochemical and Dye (Prochem): prochemicalanddye.net

Jacquard: jacquardproducts.com; available at art supply stores

Mixing Primary and Secondary Colors



Primary Colors for Mixing

	Yellow	Fuchsia (Red)	Turquoise (Blue)
Dharma	#1	#13	#25
Prochem	#108	#308	#410
Jacquard	#004	#040	#068

For color mixing exercises, dissolve 1/4 teaspoon of dye powder in 1/8 cup of warm water. Paint with a brush as you would with watercolor paints.

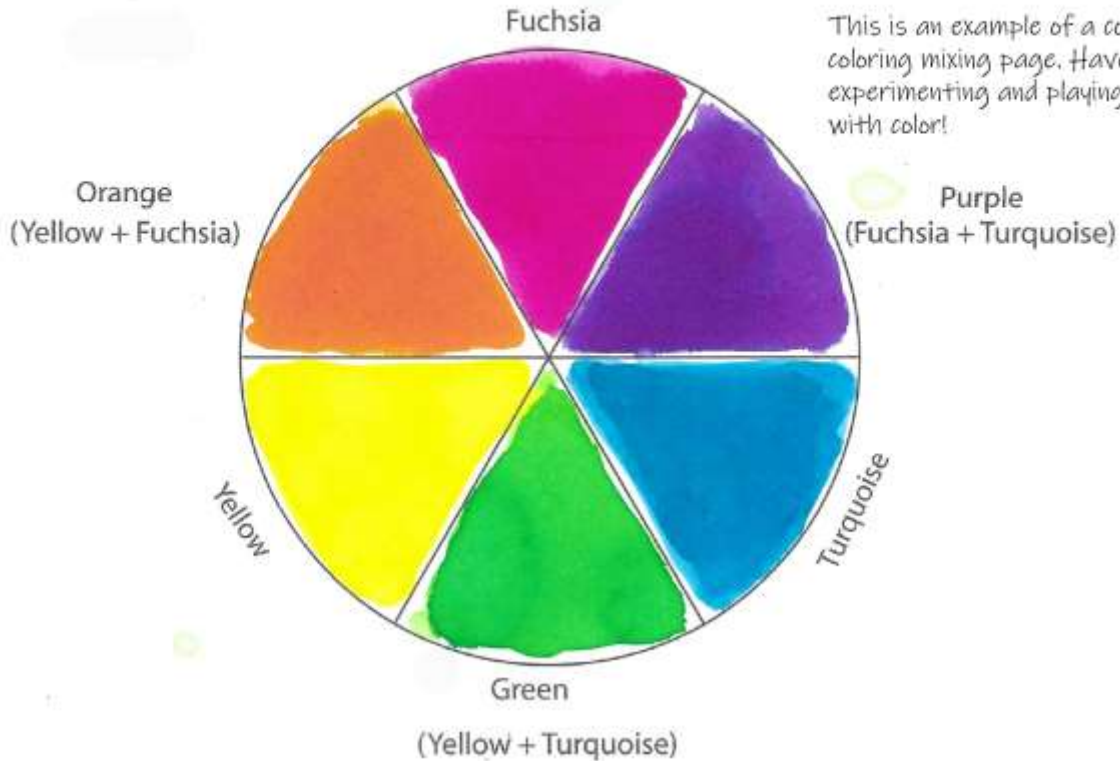
Mixing complementary colors

Fuchsia + Green

Yellow + Purple

Orange + Turquoise

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