

# FOUR COMPLEMENTARY WHEELS

PIGMENT COMPLEMENTS ARE NOT AS PREDICTABLE AS LIGHT COMPLEMENTS. THE ONLY WAY TO KNOW WHICH COLORS ARE COMPLEMENTARY PAIRS IS BY TEST MIXING. THE WHEELS BELOW WILL GET YOU IN THE BALLPARK.

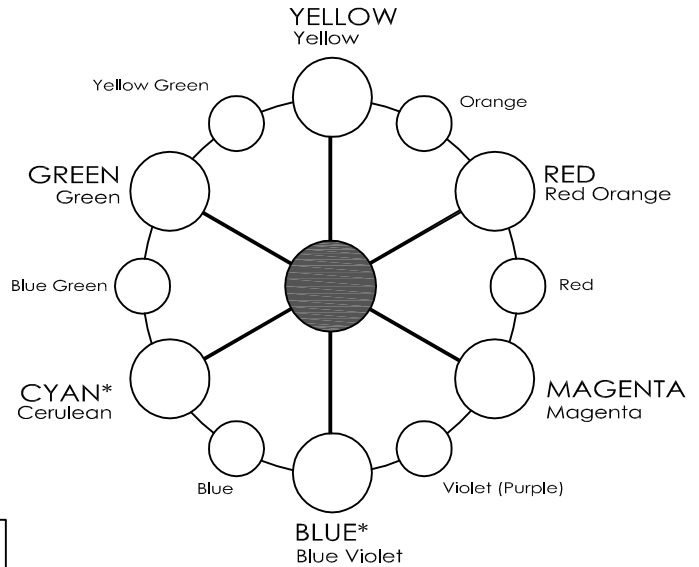
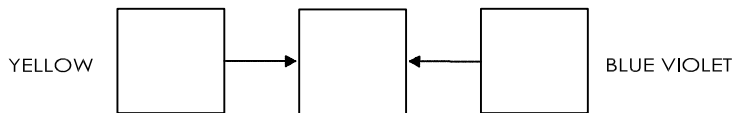
NOTE: THE EASIEST WAY TO MAKE A GRAY IS TO START WITH ONE PART OF A STRONG LEMON YELLOW AND MIX IT WITH 5 PARTS OF A BLUE VIOLET. THE EXACT HUES AND PROPORTIONS WILL VARY DEPENDING ON THE UNDERTONES AND TINTING STRENGTHS OF THE YELLOW AND BLUE VIOLET THAT YOU CHOOSE. EVEN COLORS THAT APPEAR TO BE THE SAME CAN MIX DIFFERENTLY.

## PROCESS COMPLEMENTS

CMY MIXING  
NEUTRAL = DARK GRAY

- MIXING EXERCISE - MIX A DARK GRAY
1. COLOR IN THE SQUARES BELOW WITH THE YELLOW AND BLUE VIOLET CRAYON.
  2. COLOR THE SQUARE IN THE MIDDLE BY OVERLAPPING THE TWO COLORS. BEGIN WITH THE BLUE VIOLET. USE SOFT STROKES.
  3. BUILD UP COLOR IN ALTERNATING LAYERS UNTIL THE CENTER SQUARE IS DARK.

**WHEN PIGMENTS MIX THEY COMBINE TO MAKE A COLOR THAT IS DARKER THAN THE COLORS BEING MIXED.**



\* NOTICE THAT IN THE CMY SYSTEM CYAN & BLUE BOTH SHIFT A LITTLE TOWARD MAGENTA FROM THE SPECTUM VERSIONS

## TRADITIONAL COMPLEMENTS

CENTER IS MUD OR BROWN  
BASED ON RYBMIXING SYSTEM

- MIXING EXERCISE - MIX A MUD
1. COLOR IN THE SQUARES BELOW WITH THE YELLOW AND VIOLET (PURPLE) CRAYON.
  2. COLOR THE SQUARE IN THE MIDDLE BY OVERLAPPING THE TWO COLORS. BEGIN WITH THE VIOLET.
  3. BUILD UP COLOR IN ALTERNATING LAYERS UNTIL THE CENTER SQUARE IS DARK.

