

# Create a Color Wheel

Explore how to mix colors by making a color wheel with play dough!

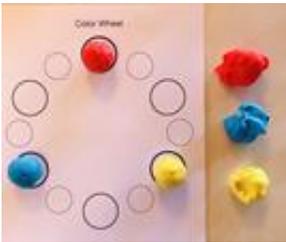
## Materials Needed:

Red, yellow, and blue play dough\*, Color Wheel template. *Optional:* Pencil.

\*To make your own play dough, try this recipe:  
[www.thebestideasforkids.com/playdough-recipe/](http://www.thebestideasforkids.com/playdough-recipe/)



## Instructions:



**Step 1:** Start with a piece of dough from each of the primary colors (**red**, **yellow**, and **blue**). Roll each one into a ball, and place on the color wheel template in the circles with the thickest outlines. Together, they will form a triangle.



**Step 2:** Mix **secondary** colors (**orange**, **green**, and **violet**). Pinch off pieces of red and yellow. Roll the dough together in your fingers until the two colors become orange. Pinch the orange dough in half and set one half aside. Roll the other half into a ball and place in the circle halfway between red and yellow.



**Step 3:** Repeat step 2, using yellow and blue dough to make green. Place the green dough in the circle halfway between yellow and blue.



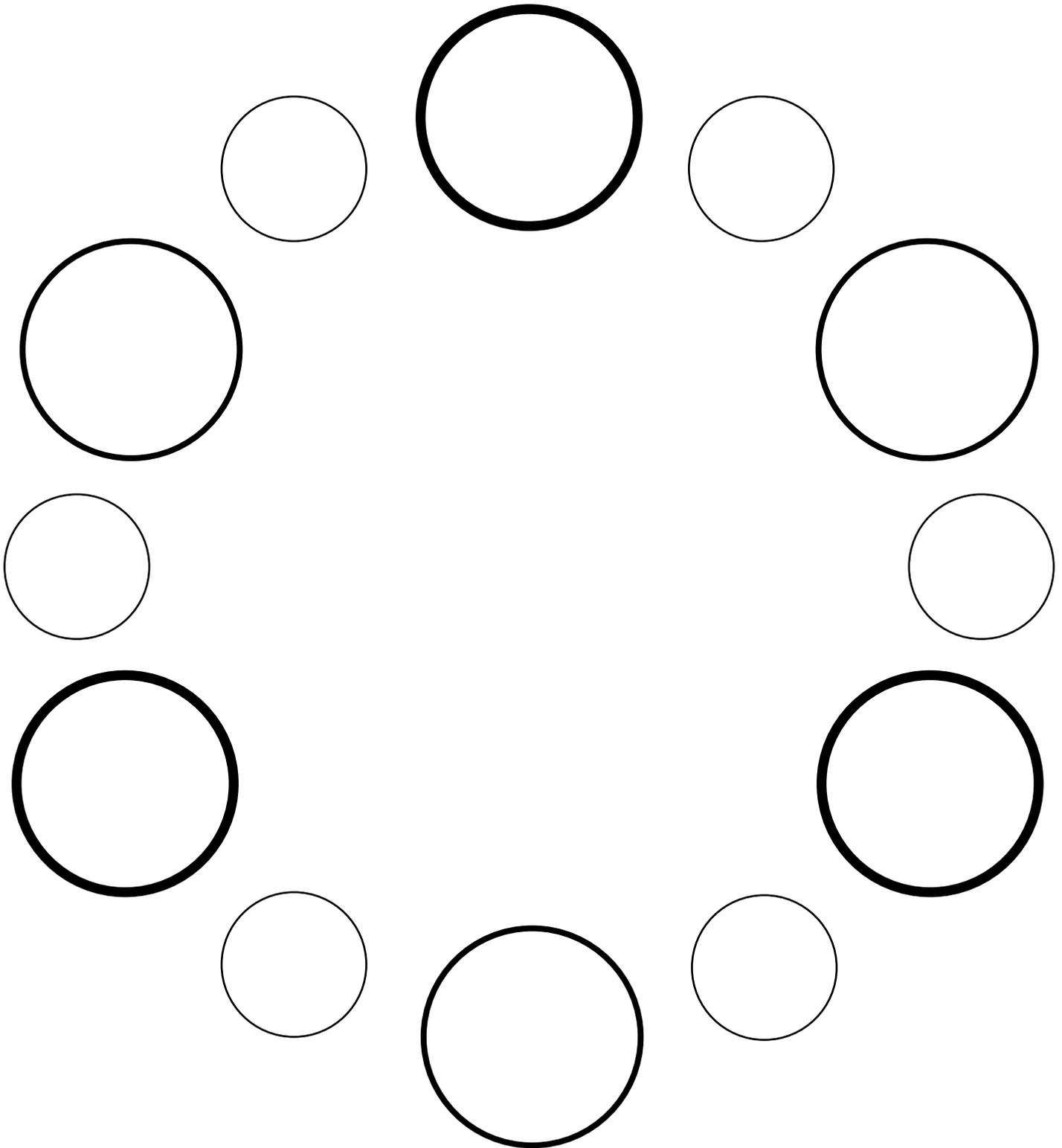
**Step 4:** Repeat step 2, using red and blue to make violet. Place the violet dough in the circle halfway between blue and red.

**Step 5:** To make **tertiary** colors, mix a primary color with a secondary color. For example: **red + orange = red-orange**. **Yellow + green = yellow-green**. **Blue + violet = blue-violet**.

Fill in the rest of the color wheel with tertiary colors.

**Step 6:** *Optional:* Use a pencil to label your colors.

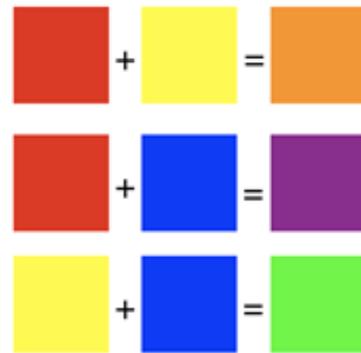
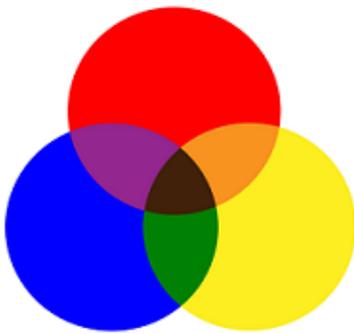
# Color Wheel Template



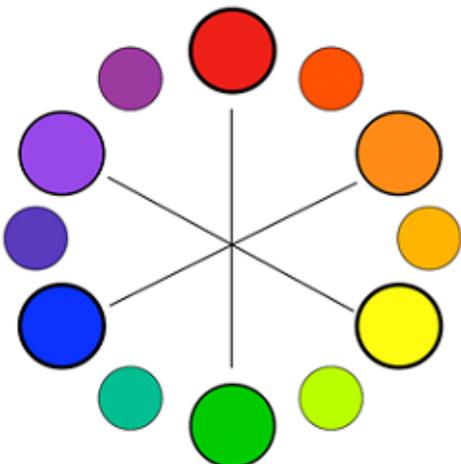
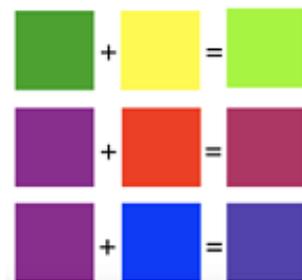
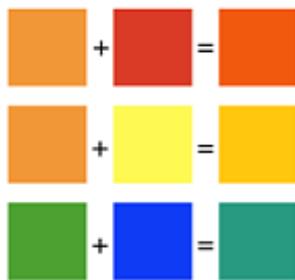
# Explore Colors

Some materials let certain colors pass through them, and absorb other colors. These materials are called dyes or pigments. The **primary** colors of pigment are **red**, **yellow**, and **blue**. The **primary** colors can be mixed to create other colors.

A **primary** color + a **primary** color = a **secondary** color. The **secondary** colors are **orange**, **green**, and **violet**.



You can mix **secondary** colors with **primary** colors to make **tertiary** colors. The **tertiary** colors are **red-orange**, **yellow-orange**, **blue-green**, **yellow-green**, **red-violet**, and **blue-violet**.



If you were to draw a straight line across the color wheel from one color to the one directly across from it, you would find that color's opposite. Opposite colors are called **complementary** colors. For example, **red** and **green** are **complementary** colors. Can you name any other pairs of complementary colors?