

Worksheet - Pigments and Color

1) What color does a pigment absorb? _____

2) List the complementary colors-

magenta _____

yellow _____

cyan _____

3) Fill in the chart using only the words blue, green, or red (the primary colors of light). The first is done as an example.

_____ pigment	absorbs	reflects
yellow	blue	red & green (appearing yellow)
green		
cyan		
blue		
magenta		
red		

4) Why is the sky blue?

5) What color is seen when _____ light shines on a _____ pigment? Answer by drawing your own charts on the back of this sheet.

- blue; magenta
- red; cyan + yellow
- magenta; red
- white; blue + green
- white; cyan + yellow