

Lab: Colorful Liquids Pre-Lab Notes

Colors: The type of light wave (λ) that bounces off matter determine color.

Primary Colors

Red, Blue, Yellow

Secondary Colors

Orange, green, Violet

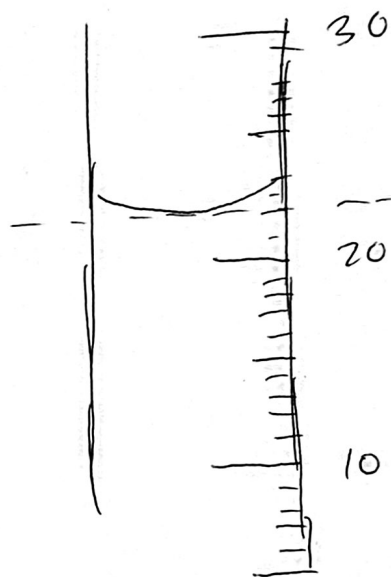
Mixing Colors

Red + Yellow = Orange (Secondary Colors)

Yellow + Blue = Green

Blue + Red = Purple

Using a graduated cylinder



Read like ruler,
water / liquid
level read as
bottom of
Meniscus, curve
in liquid to surface

Error

Difference between
expected and
actual volume.
Error is generally
caused by poor
measurement
technique or
measurement.