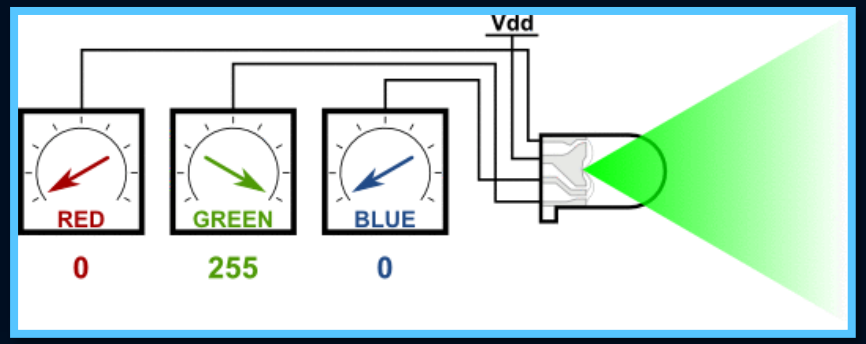
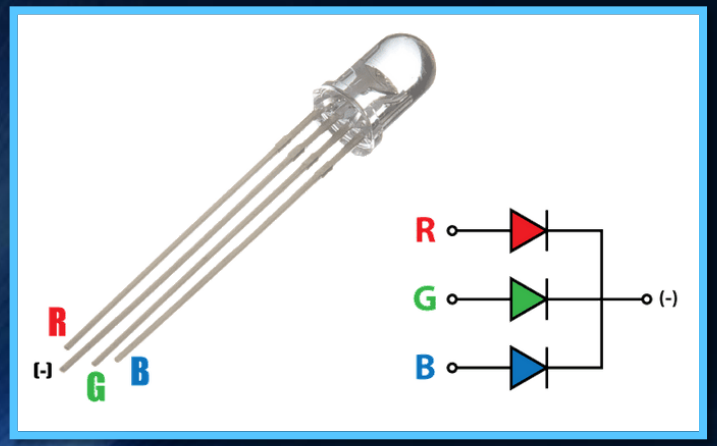
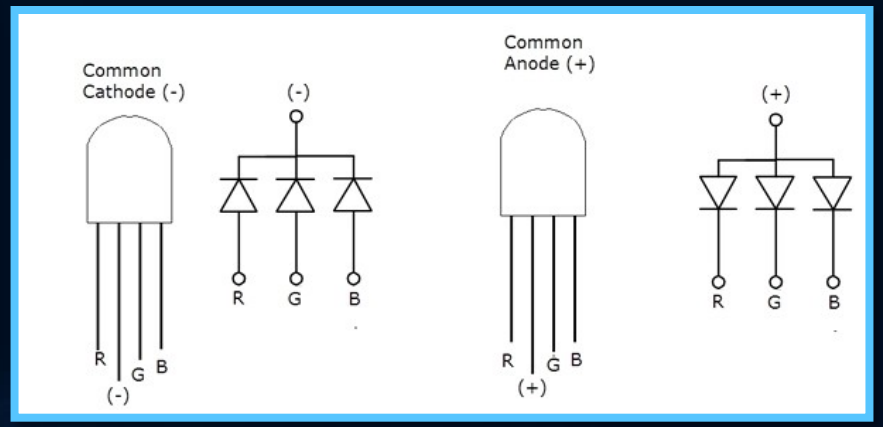
ARDUİNO VE UYGULAMALAR

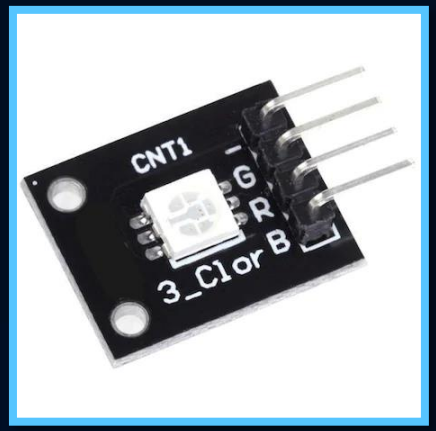
Ortak Katot RGB LED Uygulaması

RGB – Red (kırmızı) , Green (yeşil) , Blue (mavi) renklerin baş harfleri birleştirilerek oluşmuş bir terimdir. Genel çalışma prensipi; bu üç rengi kullanarak, farklı kombinasyonlarda, çok fazla renk verebilir. Konumuz olan RGB LED ‘ler, bir kontrol devresi yardımıyla 16 renk verebilmektedirler.



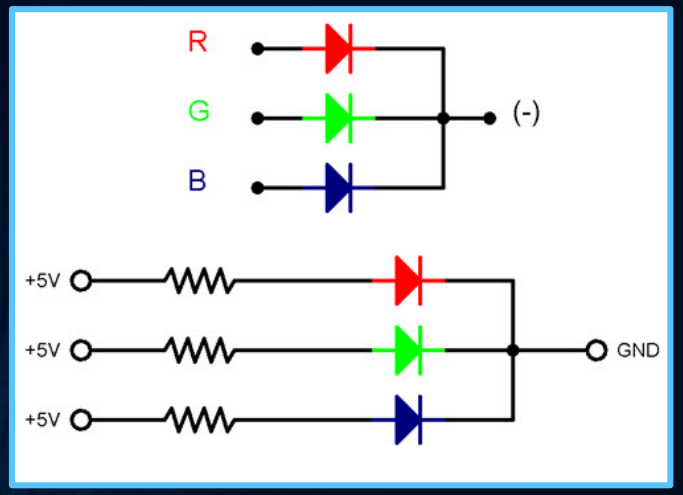


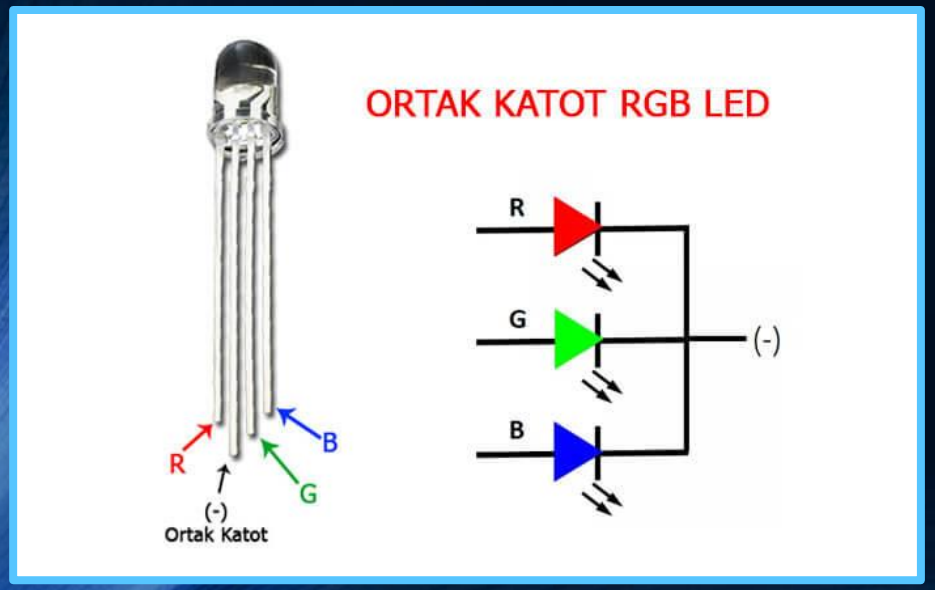


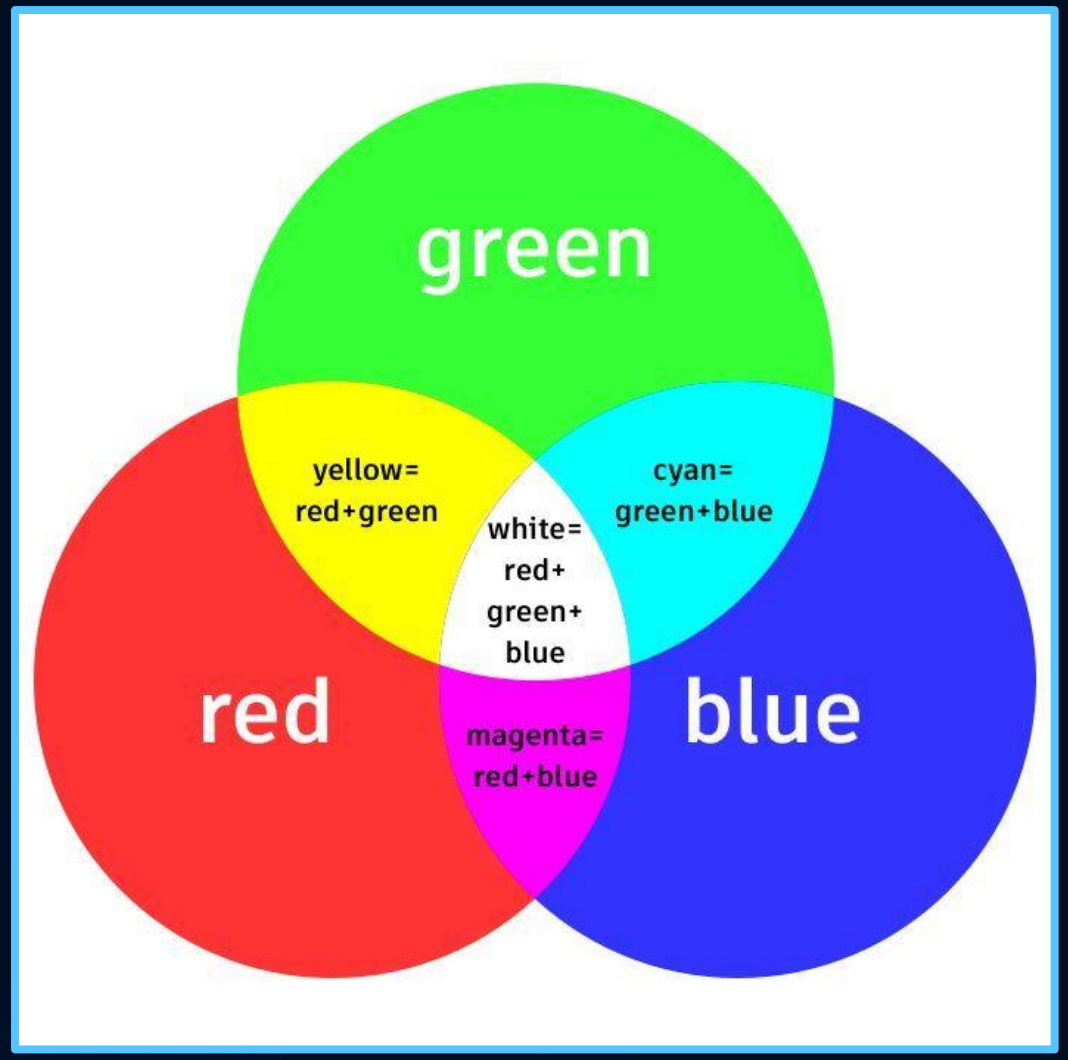


ARDUİNO VE UYGULAMALAR

RGB RENK UZAYI VE RGB LED

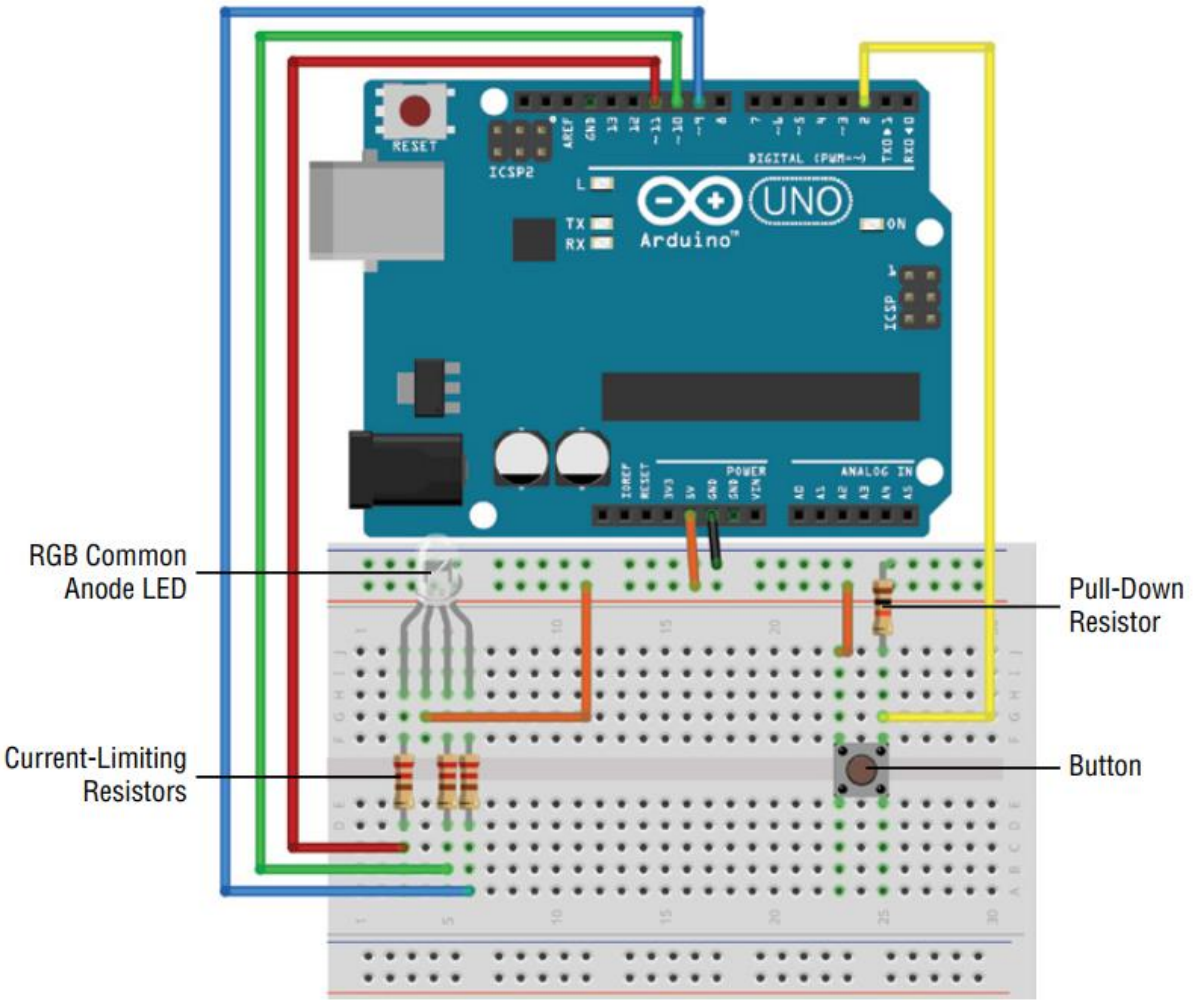






ARDUİNO VE UYGULAMALAR

Ortak Katot RGB LED Uygulaması




```
//RGB led yapma algoritması
const int k_led = 11;
const int y_led = 10;
const int m_led = 9;
void setup()
{
pinMode(k_led , OUTPUT);
pinMode(y_led , OUTPUT);
pinMode(m_led , OUTPUT);
}
void loop()
{
digitalWrite(k_led , LOW);
digitalWrite(y_led , HIGH);
digitalWrite(m_led , HIGH);
delay(50);
digitalWrite(k_led , LOW);
digitalWrite(y_led , HIGH);
digitalWrite(m_led , HIGH);
delay(50);
digitalWrite(k_led , HIGH);
digitalWrite(y_led , LOW);
digitalWrite(m_led , HIGH);
delay(50);
digitalWrite(k_led , HIGH);
digitalWrite(y_led , HIGH);
digitalWrite(m_led , LOW);
delay(50);
}
```