

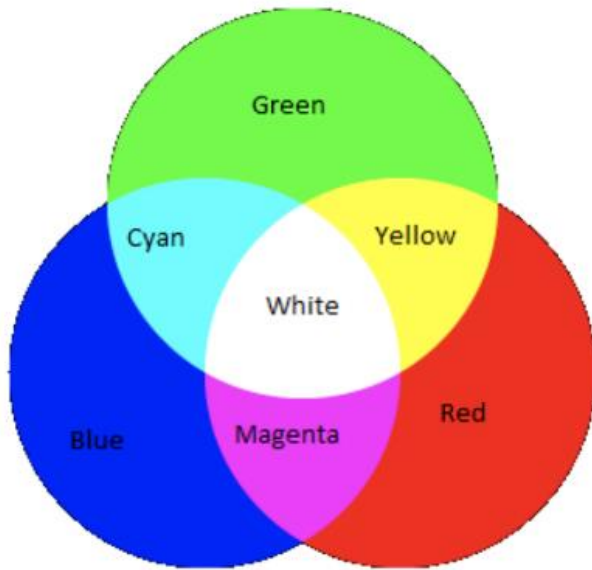


LAB 2 LINE FOLLOWING

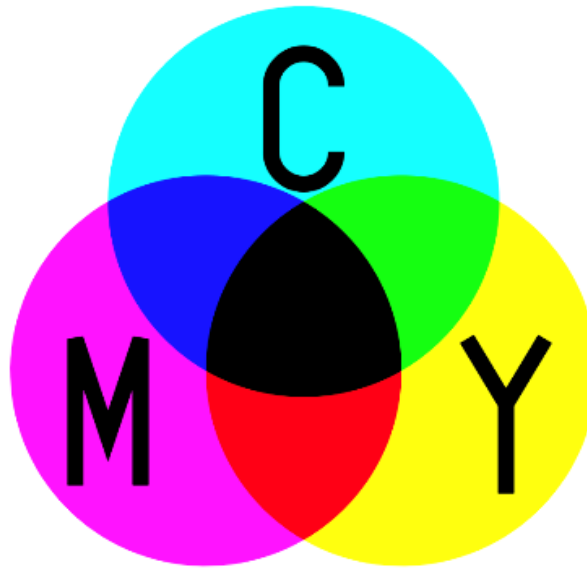
Matthew Calligaro, Evan Johnson, Zoe Ryan, Emi Suzuki
MIT Lincoln Laboratory
January 28, 2020



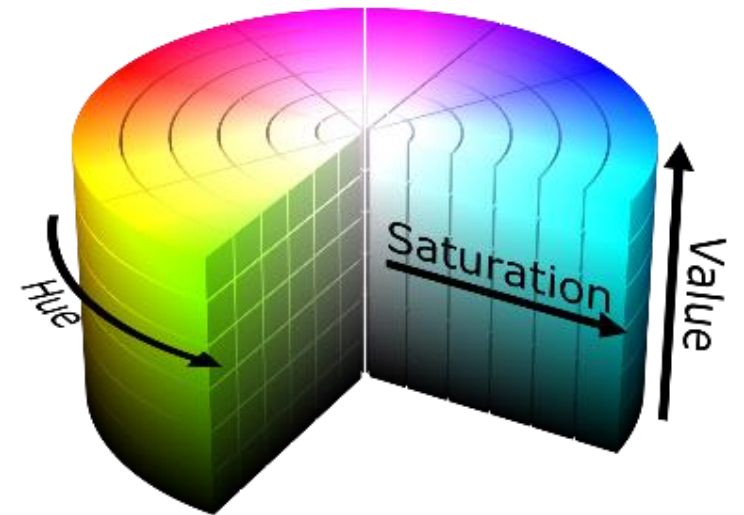
→ Color Space



RGB



CMYK



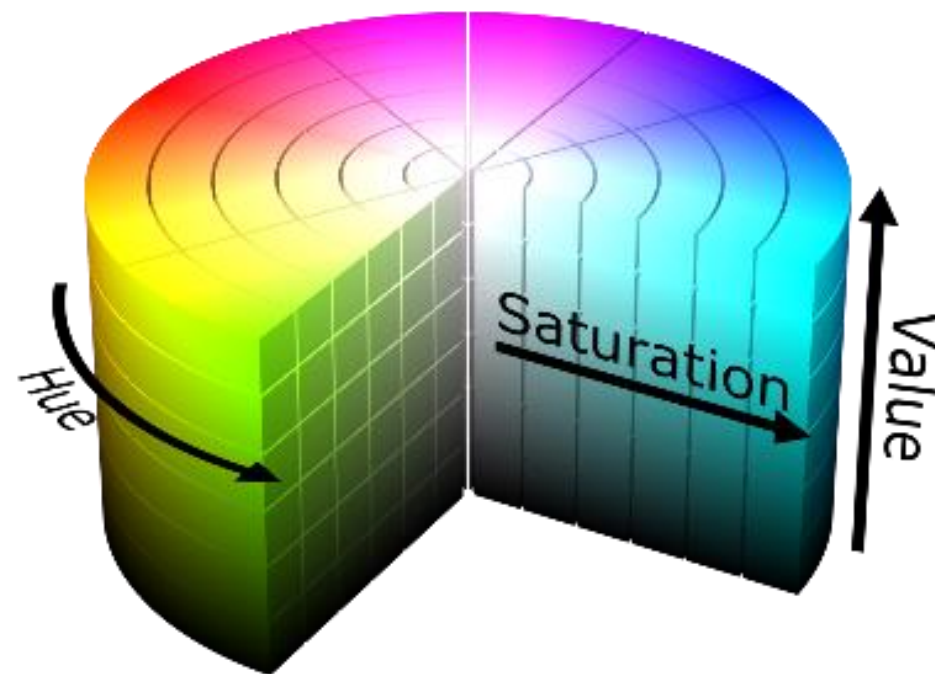
HSV





HSV

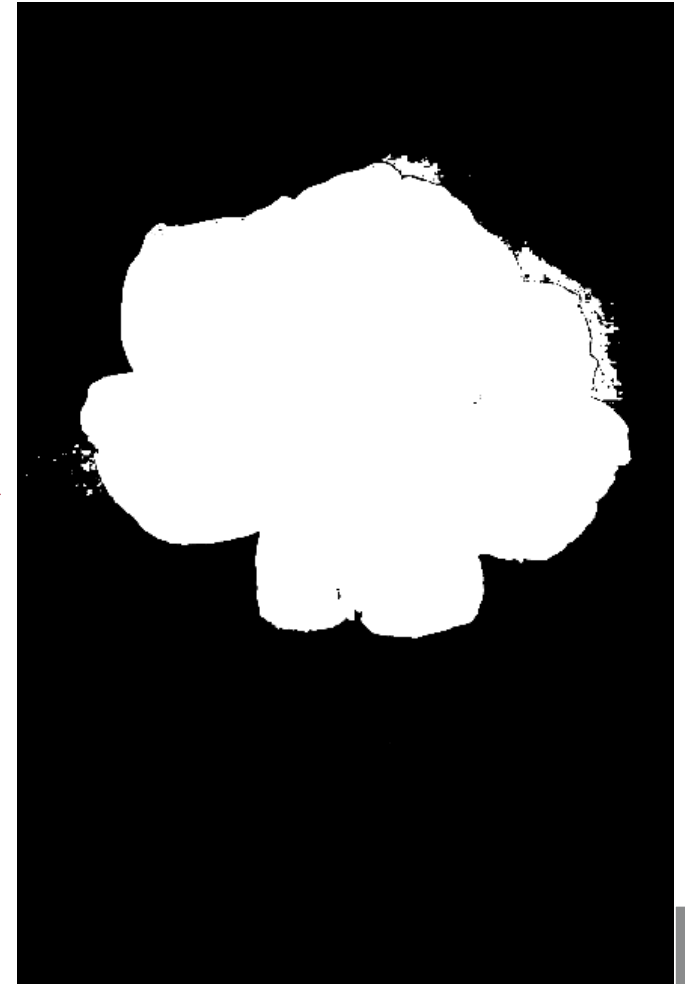
Hue	Which <u>color</u> ?
Saturation	How <u>vibrant</u> ?
Value	How <u>dark or light</u> ?



→ OpenCV Masks

BLACK out what
you want to be
hidden

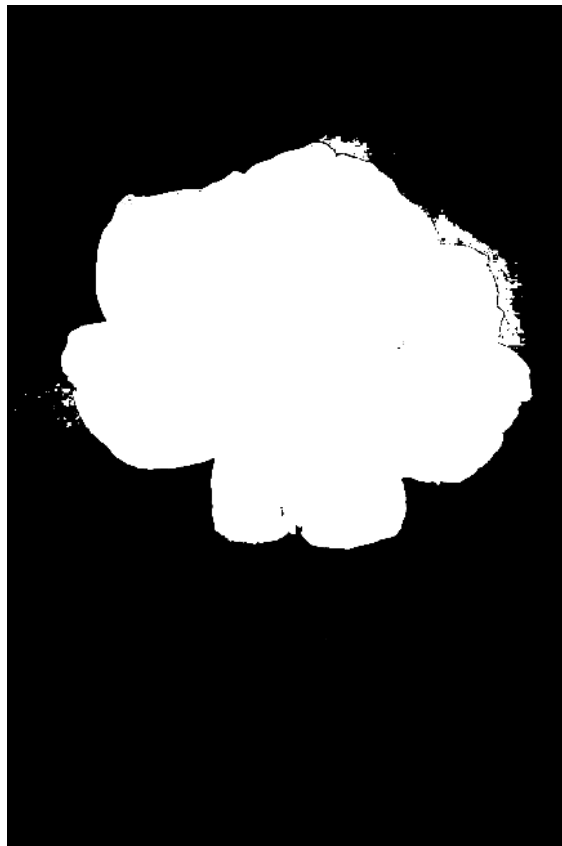
WHITE out what
you want to be
seen



→ Color Masking



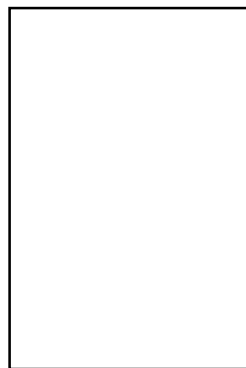
+



Color Masking



+



➡ Contour Drawing



↪ Camera Offset

