import cv2 as cv

import numpy as np

img = cv.imread('hazard10.jpg')

cv.imshow('BGR',img)

##b,g,r = cv.split(img)

##cv.imshow('Blue',b)

##cv.imshow('Green',g)

##cv.imshow('Red',r)

##

##img\_merge\_bgr = cv.merge([b,g,r])

##cv.imshow('Merge\_BGR',img\_merge\_bgr)

img\_hsv = cv.cvtColor(img,cv.COLOR\_BGR2HSV)

cv.imshow('HSV',img\_hsv)

h,s,v = cv.split(img\_hsv)

cv.imshow('Hue',h)

cv.imshow('Saturation',s)

cv.imshow('Value',v)

img\_merge\_hsv = cv.merge([h,s,v])

cv.imshow('Merge\_HSV',img\_merge\_hsv)

cv.waitKey(0)

cv.destroyAllWindows()