import cv2 as cv

import numpy as np

from matplotlib import pyplot as plt

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

cv.imshow('BGR',img)

img\_RGB = cv.cvtColor(img,cv.COLOR\_BGR2RGB)

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

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

img\_hsv\_RGB = cv.cvtColor(img\_hsv,cv.COLOR\_BGR2RGB)

titles = ['original','hsv']

images = [img\_RGB,img\_hsv\_RGB]

plt.axis("off")

for i in range(2):

plt.subplot(1,2,i+1)

plt.imshow(images[i])

plt.title(titles[i])

plt.xticks([])

plt.yticks([])

plt.show()

cv.waitKey()

cv.destroyAllWindows()