**Colour palette with openCV:**

#importing libraries

import cv2

import numpy as np

def calledFunction():

pass

img = np.zeros((1024,512,3),np.uint8);

winName = 'Colour Palette';

cv2.namedWindow(winName);

#add Blue Green Red trackbar

cv2.createTrackbar('Blue',winName,0,255,calledFunction);

cv2.createTrackbar('Green',winName,0,255,calledFunction);

cv2.createTrackbar('Red',winName,0,255,calledFunction);

while(True):

cv2.imshow(winName,img);

# Wait for Esc key to stop

if cv2.waitKey(1) == 27:

break;

Blue = cv2.getTrackbarPos('Blue',winName);

Green = cv2.getTrackbarPos('Green',winName);

Red = cv2.getTrackbarPos('Red',winName);

img[:]=[Blue,Green,Red];

#destroy all windows

cv2.destroyAllWindows();

Output:

 