```python
import numpy as np
import cv2

img = cv2.imread('images/color_ball.jpg')

cv2.imshow("Image Original", img)
img = cv2.cvtColor(img, cv2.COLOR_BGR2HSV)

for y in range(img.shape[0]):
    for x in range(img.shape[1]):
        if img[y,x,0] > 90 and img[y,x,0] < 120 and img[y,x,1] > 40:
            img[y,x] = img[y,x]
        else:
            img[y,x] = [0,0,0]


img = cv2.cvtColor(img, cv2.COLOR_HSV2BGR)
cv2.imshow("Image Filtered", img)

while(True):
    if cv2.waitKey(1) & 0xFF == ord('q'):
        break
```