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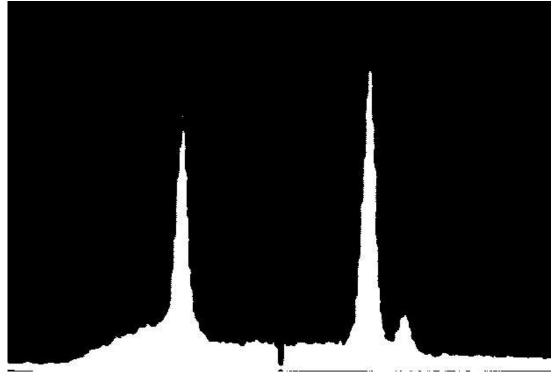
结论:计算比例结果为9.97%

```
In [85]: import numpy as np
           import cv2
           from PIL import Image
           import matplotlib.pyplot as plt
          %matplotlib inline
In [86]: img = Image.open('./hw_img1.bmp')
          data = np. array(img)
Out[86]:
In [87]: Image. fromarray (np. full((100, 100, 3), [255, 247,
                                                            0], np. uint8))
Out[87]:
```

计算每个像素点与黄色rgb值的方差,设定阈值

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Out[103]:



计算黄色区域所占比例

Out[104]: 0.09971364913597072