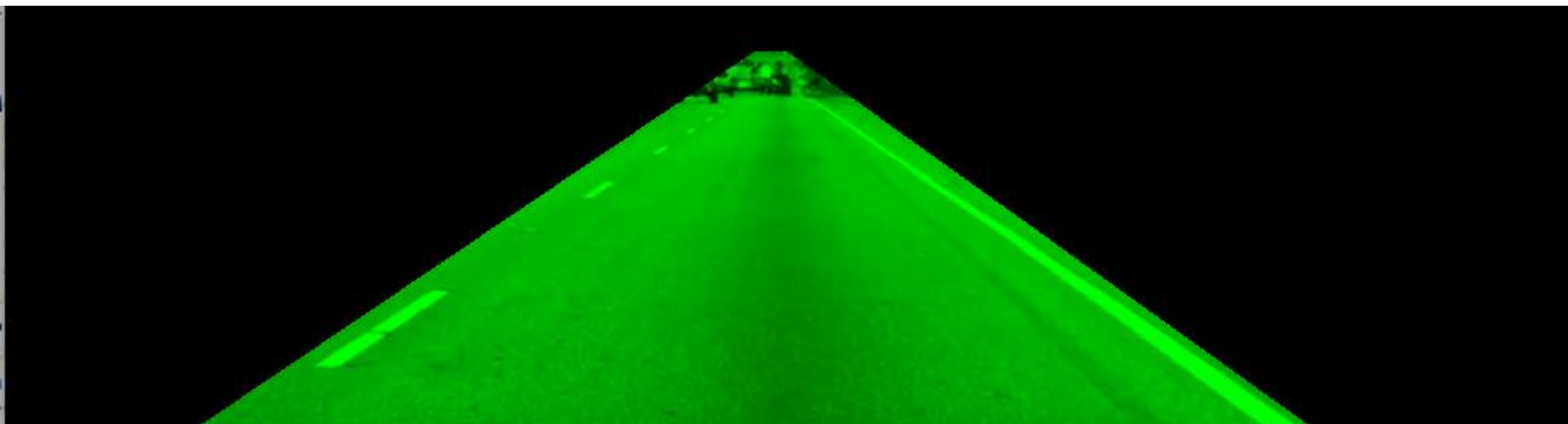


Custom ROI

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```
1 #include <opencv2/highgui/highgui.hpp>
2 #include <opencv2/opencv.hpp>
3 #include <iostream>
4 #include <stdio.h>
5
6 using namespace cv;
7 using namespace std;
8
9 Mat custom_roi(Mat img)
10 {
11     Mat output;
12     Mat mask = Mat::zeros(img.size(), img.type());
13
14     Point pts[4] = {
15         Point(460, 310),
16         Point(480, 310),
17         Point(800, 539),
18         Point(120, 539)
19     };
20
21     fillConvexPoly(mask, pts, 4, Scalar(0, 255, 0));
22     bitwise_and(img, mask, output);
23
24     return output;
25 }
```

```
27 int main(int argc, char **argv)
28 {
29     Mat img = imread("sample.jpg", -1);
30
31     int h = img.rows;
32     int w = img.cols;
33
34     printf("h = %d, w = %d\n", h, w);
35
36     if(img.empty())
37         return -1;
38
39     Mat croi = custom_roi(img);
40
41     imshow("Original Image", img);
42     imshow("Custom ROI Image", croi);
43
44     waitKey(0);
45
46     destroyWindow("Custom ROI Image");
47     destroyWindow("Original Image");
48
49     return 0;
50 }
```



(x=631, y=256) ~ R:0 G:0 B:0

