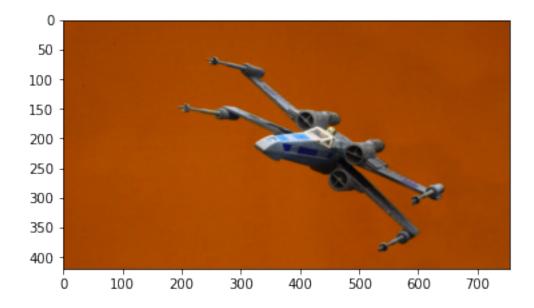
Object segmentation using Colour Thresholding and solid colour background replacement

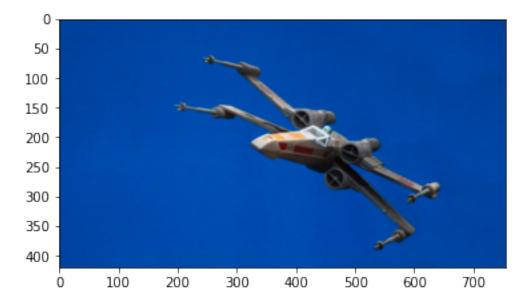
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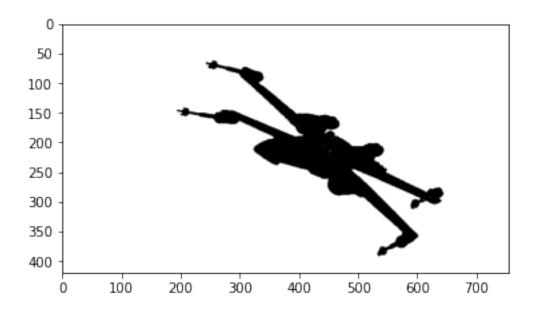
image <dtype> and (dimensions): <class 'numpy.ndarray'> (420, 755, 3)

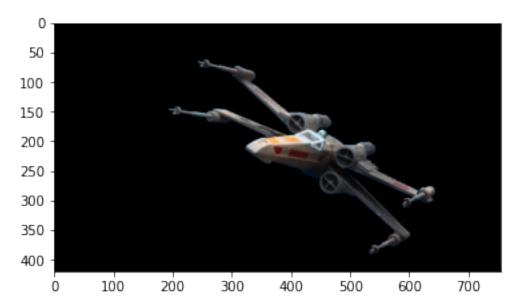


```
[3]: ## convert a copy of the original BGR image to RGB !!
img_copy = cv2.cvtColor(np.copy(image), cv2.COLOR_BGR2RGB)

## This image will look normal (With a blue screen) !!
plt.imshow(img_copy);
```





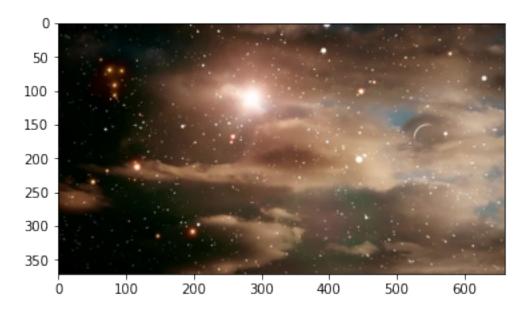


```
[6]: ## Read background image and convert to RGB from BGR !!
background = cv2.cvtColor(cv2.imread('images/space.jpg'), cv2.COLOR_BGR2RGB)

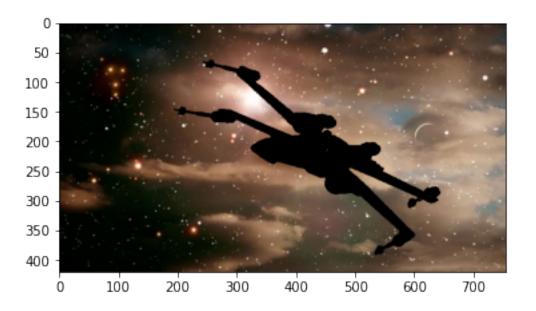
## Check the shape of the background !!
print('Original Shape :',background.shape)

## Display original background !!
plt.imshow(background);
```

Original Shape: (371, 660, 3)

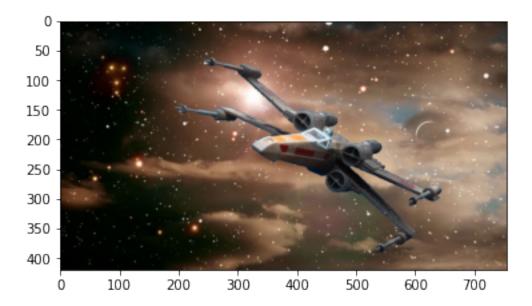


Shape after resizing: (420, 755, 3)



```
[8]: ## Add two images to generate the final image !!
final_img = resized_background + masked_img

## Display final image !!
plt.imshow(final_img);
```



```
[9]: ## Thanks !!
```