Subject: how to give specific colour to a pixel on an image
Posted by g.nacarts on Mon, 20 Apr 2015 16:17:06 GMT
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Hi

I am using the cgimage function to display my images. I was wondering how can I specify the colour of a pixel location by a particular colour. What I mean is, once I display my image then, the pixel at location [5,8] make it blue. Is that possible?

With Thanks

Subject: Re: how to give specific colour to a pixel on an image
Posted by wlandsman on Mon, 20 Apr 2015 19:52:56 GMT
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There is likely a more Coyote-like way of doing this, but I follow two steps:

1. Don't scale the image between 0 and 255 but between, say, 0 and 253, so that the "colored" pixels -- and no others -- can be given the value of 254.
2. Assign the desired color to the lookup table at a location of 254

```
im = dist(512)              ;test image
imscl = bytscl(im,top=253)  ;Scale to top value of 253
imscl[5,8] = 254            ;give desired pixel a value of 254

col = cgcolor('magenta',/triple)   ;Let's make the pixel magenta
tvlct,col,254               ;Load at 254 in the lookup table

cgimage, imscl              ;Now display the image
```

On Monday, April 20, 2015 at 12:17:08 PM UTC-4, g.na...@gmail.com wrote:
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Subject: Re: how to give specific colour to a pixel on an image
Posted by g.nacarts on Tue, 21 Apr 2015 08:05:32 GMT
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Thank you very much! that was very helpful :)