
Subject: Overlay a coloured boundary on a gray scale image

Posted by [titan](#) on Thu, 11 Oct 2012 11:46:51 GMT

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Hi all,

I have a grey scale image and I'm able to overlay the boundary of my region but it is in black.

To improve its visualization I would like to color it(for example in blue)

Is there a way to do it?

since I have the array where the boundary indexes are stored, is there a way to associate to the the RGB triplet of a color?

thanks in advance

Subject: Re: Overlay a coloured boundary on a gray scale image

Posted by [titan](#) on Mon, 15 Oct 2012 06:38:42 GMT

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On Friday, October 12, 2012 2:35:41 PM UTC+2, David Fanning wrote:

> titan writes:

>

>

>

>> probably my question is not clear :(and I'm sorry for this.

>

>> I try to explain it better:

>

>>

>

>> I'm able to read a shapefile from which I'm able to obtain the corresponding image which is a binary one. Then I can extract those subscripts values where the boundary is

>

>>

>

>> boundary_index = WHERE(boundary_array NE 0)

>

>>

>

>> my gray scale image has the same dimension of the boundary image and as a consequence I can draw the line over it (in white)

>

>>

>

>> image[boundary_index]=255

>

```
>>
>
>> What I would like to do i to understand if I could draw this line not in white but in another color,
for example yellow.
>
>>
>
>> Is there this possibility?
>
>
>
> I presume you are using indexed color to display your image.
>
> Simply load your image colors into indices 0 to 254 and
>
> use color index 255 to load whatever color you like.
>
> I would do it like this:
>
>
>
> LoadCT, 0, NColors=254
>
> TVLCT, 255, 255, 0, 255 ; Yellow in index 255
>
> scaledImage = BytScl(image, TOP=254
>
> scaledImage[bounary_index] = 255
>
> cgImage, scaledImage
>
>
>
> Cheers,
>
>
>
> David
>
>
>
>
>
> --
>
> David Fanning, Ph.D.
>
> Fanning Software Consulting, Inc.
```

>
> Coyote's Guide to IDL Programming: <http://www.dfanning.com/>
>
> Sepore ma de ni thue. ("Perhaps thos speakest truth.")

Hi David,
thanks a lot for your suggestion!! It works perfectly!! :)

Have a nice day
