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Subject: Re: Shading plotting symbols

Posted by [David Fanning](#) on Sun, 08 Jan 2012 16:05:32 GMT

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Jack Frost writes:

```
> I was wondering if it was possible to shade plotting symbols different
> colors? For example, say I have a latitude-longitude plot of the
> Earth, with x symbols showing the locations where some measurements
> were taken. Is it possible to shade these symbols to show the value of
> the measurement, i.e measurements with values between 1-2 are blue,
> 2-3 are green, 3-4 are red etc?
>
> At the moment I am just creating a plot of measurement locations from
> the 1d lat/lon arrays as such:
>
> plot, lon, lat, psym=1, $
>   xrange=[0,360], yrange=[-90,90], $
>   xtitle='Longitude', ytitle='Latitude', $
>   xticks=4, xtickname=['0','90','180','270','360'], $
>   yticks=6, ytickname=['-90','-60','-30','EQ','30','60','90'], $
>   title='Locations of retrievals'
> filename='ice_locations.png'
> write_png,filename,tvrd()
```

Yes, of course. Here is an example of how you can color plot values:

[http://www.idlcoyote.com/graphics\\_tips/coloredline.html](http://www.idlcoyote.com/graphics_tips/coloredline.html)

Cheers,

David

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Coyote's Guide to IDL Programming: <http://www.idlcoyote.com/>

Sepore ma de ni thui. ("Perhaps thou speakest truth.")

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