
Subject: Shading plotting symbols

Posted by [Jack Frost](#) on Sun, 08 Jan 2012 14:56:39 GMT

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Hi all.

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()
```

Many thanks,

Jack
