
Subject: polyfill on a map

Posted by [Harald Frey](#) on Wed, 13 Oct 1999 07:00:00 GMT

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I found some strange behavior of the polyfill on a map. I run
{ sparc sunos unix 5.1 Apr 13 1998}

I want to colorize one half of the globe. Try this

```
map_set,70.,210.,0.,/satellite,sat_p=[3.6,0.,-100.],/grid,/i sotrop,/horizon,  
$      /noborder,/whole,/conti  
polyfill,[fltarr(91)+120,fltarr(91)+120+180],[findgen(91)*2. -90,90.-findgen(91)*2],$
```

```
color=50
```

and there are some small regions close to the horizon without colored
pixels. But it gets even better if you change the latitude

```
map_set,88.,210.,0.,/satellite,sat_p=[3.6,0.,-100.],/grid,/i sotrop,/horizon,  
$      /noborder,/whole,/conti  
polyfill,[fltarr(91)+120,fltarr(91)+120+180],[findgen(91)*2. -90,90.-findgen(91)*2],$
```

```
color=50
```

and you get just a colored stripe.

And how can I tell IDL to fill the "other side", in this case the right
part of the globe?

Thanks,
Harald

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