
Subject: Re: format questions

Posted by [David Fanning](#) on Fri, 01 Dec 2006 19:10:34 GMT

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lee writes:

```
> ## Question : print out is different from the original file!!!!!!  
> why?????  
> IDL> print, mx  
>      598594.  
> IDL> print, double(mx)  
>      598594.38  
> IDL> print, double(my)  
>      6738650.0
```

Because you are not using a FORMAT that delivers enough accuracy. See the following article, about in the middle:

http://www.dfanning.com/math_tips/sky_is_falling.html

Something like:

```
IDL> Print, mx, FORMAT='(D20.10)'
```

Cheers,

David

--

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

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