

---

Subject: Re: Inverting the image

Posted by [John-David T. Smith](#) on Wed, 19 Dec 2001 23:20:22 GMT

[View Forum Message](#) <> [Reply to Message](#)

---

David Fanning wrote:

```
>
> JD Smith (jdsmith@astro.cornell.edu) writes:
>
>> Akhila wrote:
>>>
>>> HI,
>>> I have an image of size(512 x 512 x 195). Its a CT image of chest and
>>> the image appears with the backbone in the upward direction and the
>>> sternum in the downward direction. I want to get it inverted.
>>> For example:
>>>
>>> filename = Filepath(SubDirectory = ['examples', 'data'],
>>> 'worldelv.dat')
>>> image= BytArr(360, 360)
>>> openR, lun, filename
>>> ReadU, lun, image
>>> Free_lun, lun
>>>
>>> Tvscl, image
>>
>> How about "1/image". Pretty inverted there.
>>
>> But seriously, you don't really say what you mean by "inverted", which
>> is a concept which applies quantitatively only to colormaps, where it
>> means "reverse the order of the colormap entries". Maybe you want
>> something like:
>>
>> image=max(image)-image
>
> I think more likely:
>
> TVSCL, image, Order=1
>
> Or,
>
> TVSCL, Reverse(image, 2)
```

Ahah... that's what I get for not reading ahead. Apologies.

JD

---