

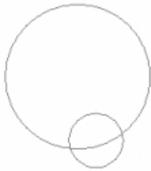
Introduction

I got the inspiration for this tutorial from Diego Bellorin, a talented designer. You can check out his images [here](#). Look below to see what we are going to make now.



Step 1

Create a new document with dimensions; 2000x2500px then create a new layer and make sure the foreground color is set to black. First select the brush tool and change it to a 2px hard brush. Next select the ellipse tool and in the main toolbar there are three buttons on the left, press the one in the middle which will say paths if you hover over it. Now what you have to do is to draw a few circles or ellipses next to each other, this is the basis for our spirograph pattern. Below you can see what my paths looked like.



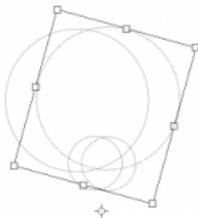
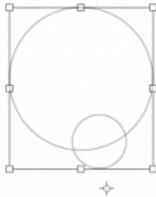
Step 2

Now select the brush tool then just hit Return and this will stroke the path with the brush you selected earlier. Now change the opacity of this layer to 50%.



Step 3

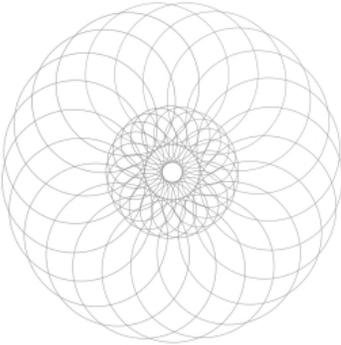
Now the complicated bit, we are going to make an action to turn this into a spirograph pattern, specifically the action is going to duplicate the layer then move the pivot point then rotate the layer slightly. So first open the actions panel by going Window>Actions or hitting Alt+F9. Now create a new action, that's the button in the actions panel that is the same as the new layer button in the layers panel. After you've hit ok the action will start recording automatically so you have to do exactly what I say now. Right click and duplicate the layer with the circles in it then hit Ctrl+T to enter free transform mode then first move the pivot point, that's the point in the middle of the bounding box, I've shown an image below of what it should look like after you have moved the pivot point. Now rotate the layer slightly until it looks like the second image below then hit Return. Now click the stop button in the actions panel.



Step 4

With the newer circle layer selected, all you have to do is to keep clicking the play button in the actions panel until you have something that resembles the image below. Next select all the layers that make up this pattern, so every layer except the background layer then hit Ctrl+E to merge them into one layer. You probably want this in the middle like mine so select this merged layer and select the background layer then select the move tool and in the main toolbar there are some alignment buttons, click the align

horizontal centers one. You can also move it up and down at this point.



Step 5

Duplicate this layer then hit Ctrl+T again and this time just rotate the layer slightly then change the opacity of this layer to 50% and you should have something like below.

