

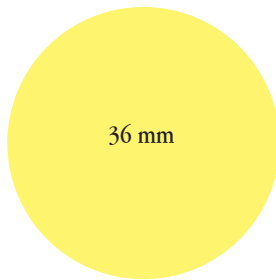
# Make a Yin & Yang with Illustrator's Shapebuilder



Colour my day juicy

### Step 1

Create a circle with the Ellipse tool (L). Hold down the Shift key to keep it perfectly circular as you draw it out. Mine is 36mm. You'll want an easy number as you'll be dividing it by 2 (so a 2D circle to two 1D circles... this will become clear in a moment).



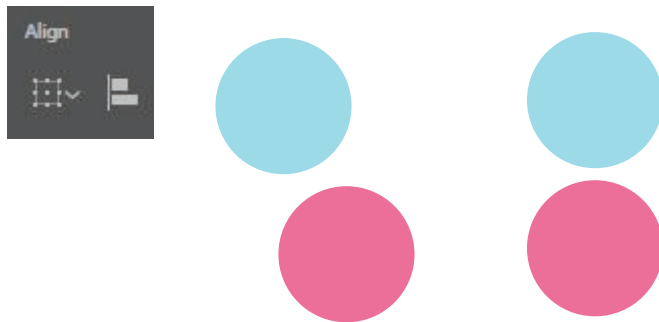
### Step 2

Create two small circles, each 18 mm - this explains the ratio of 2D : 1D (or half of the size of your circle).



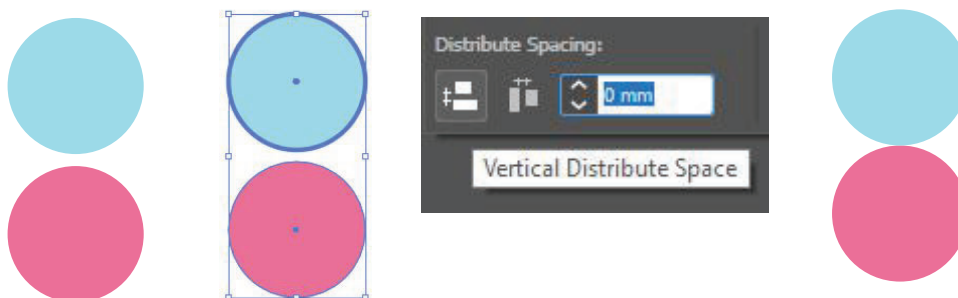
### Step 3

Select the two smaller circles, go to Pathfinder and align their left edges.



### Step 4

Select the small circles again, then click again on one of them again (you'll see a dark border display to indicate it has been selected twice. What this means is, you are entering a value with respect to the one selected; the other circle is the one that will move) then go to Align > Distribute Space and enter 0.

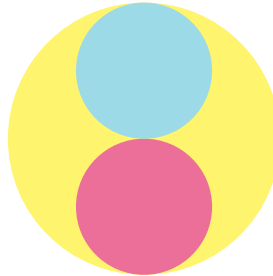


### Step 5

Group the two small circles (Ctrl + G)

### Step 6

Centre the two small circles inside the larger circle: Select all three circles, go to Align and select Vertical and Horizontal centre.

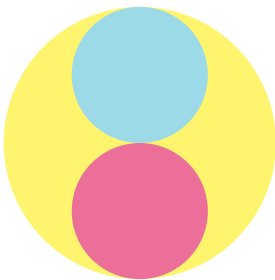


### Step 7

Select the smaller circles and Ungroup them (Ctrl + Shift + G).

### Step 8

Select the three shapes with the Selection Tool (V), then select the Shapebuilder Tool (Shift + M).



### Step 9

'Draw' through the blue circle into the yellow on the right; you'll see the shapes fill with a dark 'hatching'. When you stop, you'll see the shapes have combined into a single Yin.



### Step 10

Do the same on the other side; draw through the pink and yellow (i've re-coloured mine so you can see the different sides).

The two shapes are separate so change their colours, fill with a gradient, etc.