



INKSCAPE 0.92

Tutorial 3

Pattern & Gradient

Still Life

A: Table Side

Click Rectangle Tool and Click-Drag to draw a long rectangle in the bottom left of the page.

Shift+Click a Swatch in the Colour Palette to change the shape's stroke colour to teal.

Click the Swatch in the Colour Palette to change the shape's fill colour to none (transparent).

Click the Fill or Stroke notification advice in the Status Bar to open the Fill and Stroke Dialog.

Click the Stroke Style Tab, then type into Width and click away to change the stroke width to 4mm.

Click the Path Menu then the Object To Path Command to convert the rectangle Shape to a Closed Path.

B: Table Top & End

Click Selector Tool then Click the rectangle.

Click Edit Menu and the Copy Command then Edit Menu and the Paste In Place Command.

Ctrl+Click-Drag the rectangle copy vertically so its lower edge overlies the upper edge of the original.

Click Node Tool and Shift+Click the upper two nodes to group select them.

Click-Drag the upper two nodes to the right and a bit upward to make the table top.

Again Click Edit Menu and the Paste In Place Command.

Ctrl+Click-Drag this rectangle copy horizontally so its left edge overlies the right edge of the original.

Click Node Tool and Shift+Click the right edge's two nodes to group select them.

Click-Drag the right edge's two nodes to the upward and to the left to make the table end.

C: Table Cloth Pattern

Click Selector Tool and Click the table side.

In the Fill and Stroke Dialog, Click the Fill Tab then Click the Pattern Icon to make a pattern fill.

In the Pattern Fill panel Click the List Box down arrow and choose Checkerboard.

Click Object Menu and the Pattern Command and then Pattern to Objects to make a single unit pattern.

Click the Color Pick Tool then the teal stroke of the rectangle to change the fill of the pattern squares.

Click Selector Tool again. The teal squares are still group selected.

Click Edit Menu and the Copy Command then Edit Menu and the Paste In Place Command.

Click Object Menu then Flip Horizontal Command.

Click a Swatch in the Colour Palette to change the pasted squares' fill colour to pale blue.

Click Selector Tool and Shift+Click to group select all four squares of the unit pattern.

Click Object Menu and the Pattern Command and then Objects to Pattern to create a new pattern.

Note The new pattern appears atop the Pattern Fill panel's List Box with a name like pattern 6107.

Again Click Selector Tool and Click the table side.

In the Fill and Stroke Dialog, Click the Fill Tab then Click the Pattern Icon to make a pattern fill.

In the Pattern Fill panel Click the List Box down arrow and choose the new pattern.

Again Click Selector and Click the table top.

In the Fill and Stroke Dialog, Click the Fill Tab then Click the Pattern Icon and choose the new pattern.

Click Node Tool.

Click-Drag the circle Handle to Rotate the pattern and Click-Drag the square Handle to scale the pattern.

Note Press Shift Key to override snapping to grids, objects etc.

Click-Drag the cross Handle to Move the pattern. Try for an illusion of perspective.

Again Click Selector Tool and Click the table end.

In the Fill and Stroke Dialog, Click the Fill Tab then Click the Pattern Icon and choose the new pattern.

Click Node Tool.

Click-Drag the circle Handle to Rotate the pattern and Click-Drag the square Handle to scale the pattern.

Note Press Shift Key to override snapping to grids, objects etc.

Click-Drag the cross Handle to Move the pattern. Try for an illusion of perspective.

D: Table Tonings

Click Selector Tool and Click the table top.

Click Edit Menu and the Copy Command then Edit Menu and the Paste In Place Command.

Click the Swatch in the Colour Palette to change the shape's fill colour to grey, (choose 60% Gray).

In the Fill and Stroke Dialog, Click the Fill Tab then Click the Flat Color Icon.

In the Flat Color Fill panel, Type into the Alpha (Opacity) Box to make the opacity A: of the grey fill 80.



Click Selector Tool, Click the table end, Click Edit Menu then the Copy and Paste In Place Commands.

Click the Swatch in the Colour Palette to change the shape's fill colour to grey, (choose 60% Gray).

In the Fill and Stroke Dialog, Click the Fill Tab then Click the Flat Color Icon.

In the Flat Color Fill Panel, Type into the Alpha (Opacity) Box to make the opacity A: of the grey fill 160.

Technique: **Change the Fill of an object to a Pattern Fill:**

Click Selector Tool and click on the object.

Click the Fill or Stroke notification advice in the Status Bar to open the Fill and Stroke Dialog.

Click the Fill Tab then Click the Pattern Icon to make a pattern fill.

In the Pattern Fill panel Click the List Box down arrow and choose a pattern.

Click Node Tool to then transform the pattern.

Click-Drag the circle Handle to Rotate and Click-Drag the square Handle to scale the pattern.

Click-Drag the cross Handle to Move the pattern.

Note Press Shift Key to override snapping to grids, objects etc.

Technique: **Create a new Pattern:**

Draw a small square or rectangular tile with objects that will smoothly tessellate.

Click Selector Tool and use Shift+Click to group select all objects that comprise the Unit Pattern.

Click Object Menu and the Pattern Command and then Objects to Pattern to create a new pattern.

Note The new pattern appears atop the Pattern Fill panel's List Box with a name like pattern 6107.

E: Vase Click Pen Tool (Bezier Tool) to select it.

Click just above the table to set the first node (Node 1).

Click round the outline of the left side of the vase and finish with a Double-Click at Node 4.

Click Node Tool and Click on the path Segment 3-4 to show its Nodes.

Click-Drag the upper part of Segment 3-4 to the left then the lower part to the right for a smooth S curve.

Click-Drag the lower part of Segment 1-2 to the left then the upper part to the right for a smooth curve.

Click-Drag Segment 2-3 to the left for a smooth curve.

Click Selector Tool, Click the vase side, Click Edit Menu then the Copy and Paste In Place Commands.

Click the Object Menu then click the Flip Horizontal Command.

Ctrl+Click-Drag the flipped vase side horizontally to the right side of the original vase side path.

Click Node Tool and Shift+Click on one side's top node then the other's top node to group select them.

In the Controls Bar click the Join Selected Endnodes With A New Segment icon to join the vase tops.

Shift+Click on one side's bottom node then the other's bottom node to group select them.

In the Controls Bar click the Join Selected Endnodes With A New Segment icon to join the vase bottoms.

Click-Drag the two new vase segments to make them curve a little.

Click Selector Tool and click on the closed vase object.

Shift+Click a Swatch in the Colour Palette to change the vase's stroke colour to brown.

In the Fill and Stroke Dialog, Click the Stroke Style Tab, then type into Width and click away to change the stroke width to 1mm.

F: Vase Surface Click Selector Tool and click on the vase object.

In the Fill and Stroke Dialog, Click the Fill Tab then Click the Linear Gradient Icon.

In the Linear Gradient panel, Click the Edit Gradient Icon at the bottom.

Note A Gradient line shows with Two Gradient Handles, a square at the Start and a circle at the End.

Click on the Gradient's Start Handle to select it.

Click the Color Pick Tool then Click the brown stroke of the vase to change the Left Stop colour to brown.

Shift+Click on both Handles to group select them.

In the Controls Bar click the Insert New Stop Icon to create a Mid Stop between the Start and End Stops.

Click on the Gradient's new Mid Stop Handle to select it.

Click a Swatch in the Colour Palette to set the Mid Stop colour to pale yellow.

Click on the Gradient's End Stop Handle to select it.

Click the Color Pick Tool then Click the brown stroke of the vase to change the End Stop colour to brown.

Click-Drag the Start and End Stops slightly inwards and the Mid Stop slightly off-centre.



G: Apple

Click Ellipse Tool and Click-Drag just to the left above the table to draw a small ellipse.

Click the Path Menu then the Object To Path Command to convert the ellipse Shape to a Closed Path.

Click Selector Tool and click on the apple object.

Shift+Click a Swatch in the Colour Palette to change the vase's stroke colour to deep red.

In Fill and Stroke Dialog, Click the Stroke Style Tab, then type into Width to make the stroke width 1mm.

Click Node Tool.

Ctrl+Click-Drag the bottom Node slightly upward to flatten the curve.

Click the top Node to select it.

In the Controls Bar click the Make Selected Nodes Corner icon to switch from Smooth to Cusp Node.

Ctrl+Click-Drag the top Node downward to flatten the curve.

Click-Drag the path Segment at the top Node's left upwards for a smooth curve.

Click-Drag the path Segment at the top Node's right upwards for a smooth curve.

H: Apple Surface

Click Selector Tool and click on the apple object.

In the Fill and Stroke Dialog, Click the Fill Tab then Click the Radial Gradient Icon.

In the Radial Gradient panel, Click the Edit Gradient Icon at the bottom.

Note A pair of Gradient Radii shows with Gradient Handles, a square at the Start and a circle at the Ends.

Click on one of the Gradient End Handles to select it.

Click the Color Pick Tool then Click the deep red stroke of the apple to make the End Stop colour deep red.

Click on the Gradient's Start Handle to select it.

Click the Color Pick Tool then Click a Swatch in the Colour Palette to set the Start Stop colour to green.

Click-Drag each End Stop slightly outwards and rotated then the Start Stop slightly off-centre.

I: Apple Stalk

Click Pen Tool (Bezier Tool) to select it.

Click just above the apple to set the first Node then Double-Click to complete an open path of two Nodes.

Use Node Tool to bend the stalk then Selector Tool to colour it brown. Make its stroke width 4mm.

Click-Drag the stalk into position then use the Object Menu to send it behind the apple.

J: Composition

Click Selector Tool then Click-Drag the vase onto the table top.

Shift-Click apple and stalk then Click-Drag them together onto the table top.

Select the unit pattern squares in the top-left of the page and press Delete. The pattern remains saved.

K: Background

Click Rectangle Tool and Click-Drag to draw a rectangle covering the whole drawing.

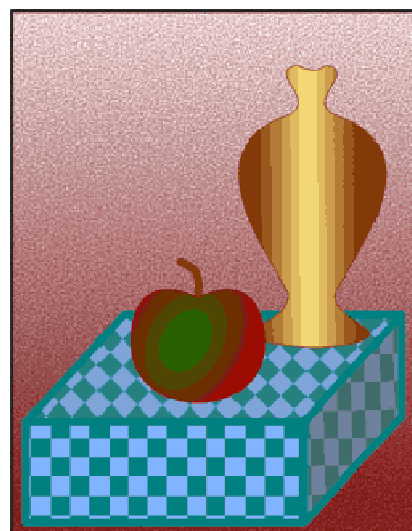
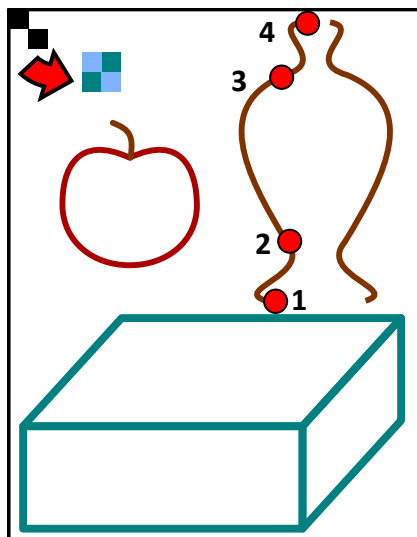
Send the rectangle to the back.

In the Fill and Stroke Dialog, Click the Fill Tab then Click the Linear Gradient Icon.

Click-Drag the Starting Stop near to the bottom and make its colour maroon.

Click-Drag the End Stop near to the top and make its colour pale pink.

Click the Filters Menu, then the Image Effects Command then Click to choose Film Grain.



L: Save Drawing

Save the Drawing as InkDrawTut3StillLife.svg.

Export the Drawing in a Bitmap file as InkDrawTut3StillLife.png.