

## Tutorial 1 T-shirt with Floral Print

In this tutorial, you will be using some of CM32's Drawing and Image Manipulation Tools, to sketch a T-shirt and create a simple floral motif to put on it. Then, making a few colour variations, you will finish with several combos of this design.

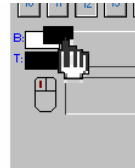
1. To begin, open the Colour Matters CM32 Pro application.
2. Click on Black, which will be placed in the Current Colour Box at the top.



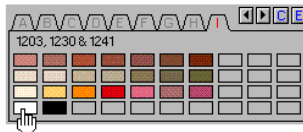
3. Click the down arrow to pick up the Black colour and move



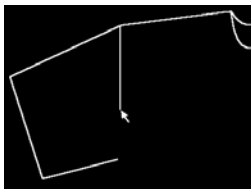
the Black to place it on the Background colour-box thereby changing the background colour of the drawing area to black.




4. Click on White, which will be placed in the Current Colour Box at the top.

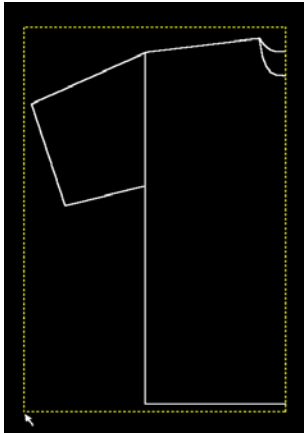




5. Check that Pen Width  is on "3", meaning 3 pixels. If not, click on the down arrow to reduce it to 3.
6. Now start to draw half the T-shirt. Click Line. Bringing cursor back to the Drawing Area, click repeatedly to start and finish a series of lines. To start a fresh line at a new position, click on Line again.



Tip: Keep the Shift key down whilst drawing to hold horizontal or vertical lines straight.

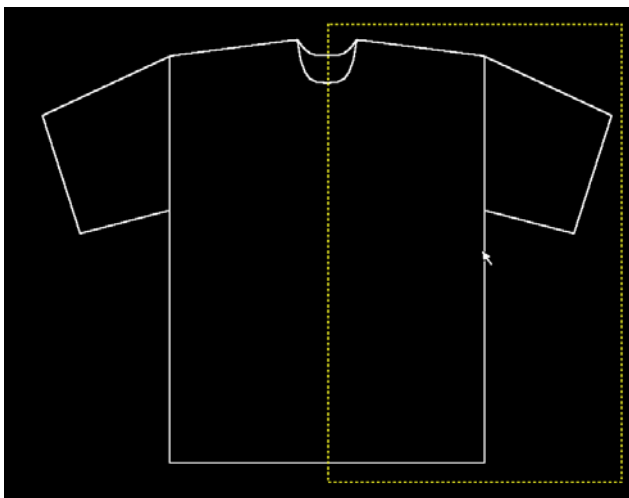
7. Click to select Rectangular Frame . Returning the Drawing Area, click at one corner. Release the mouse button. Slide the mouse over to the opposite corner and click again to Frame the shirt half as follows:




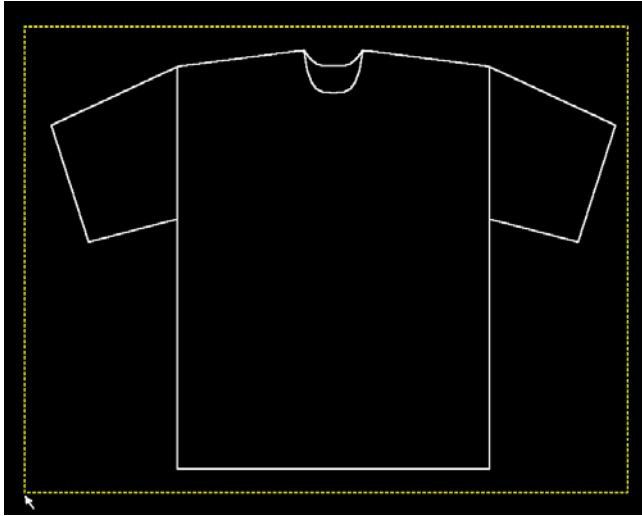
8. Click  Copy. Select its sub-command  "Mirror on/off". Take cursor back to the Drawing Area. The mirrored half of the shirt will appear on the screen.


Tip: When moving the copied image, click the "D" key on your keyboard to move image around the cursor for easier alignment. Keep clicking the "D" key to return to original position.

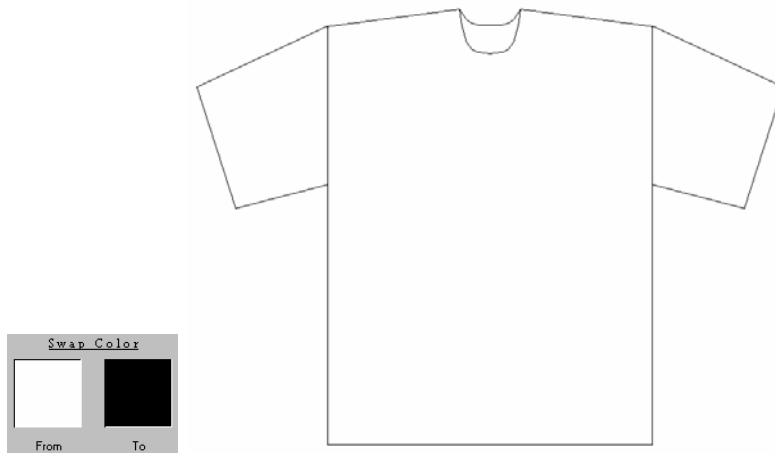
9. Line it very carefully with the original half and click to place it.




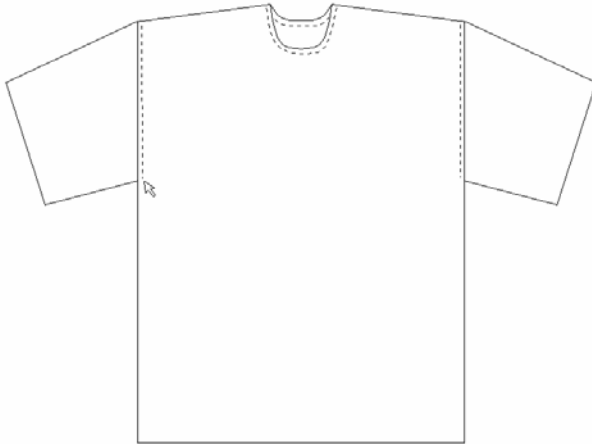
10. Select  Rectangular Frame again. Click at one corner and then the opposite one to enclose the entire shirt.




11. Click  Swap Colour. Point cursor to the white line and click. Then click on the black area. The two colours are now reversed.




12. Click  to draw a Topstitch Line. Make sure after clicking the icon that the "No. Stitch Lines" section is set to 1. Change the colour to Black and change the line width to 1. Click repeatedly to make a continuous set of lines or click on the Topstitch button again (or ESC on Keyboard) to break off and start a new line.





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13. Move away from the T-Shirt, giving you plenty of space for a new drawing.

14. Click to select Rectangular Frame . Move to an empty section of the page and create a 120 x 120 pixels frame. Your new drawing must fit in this area.

15. Pick a colour in the Colour Cards by clicking on it. We are choosing a Yellow for this drawing.

16. Click the up arrow in Pen Width  a few times to increase to "3", ie. 3 pixels.

17. Click  Curve. Returning to the Drawing Area, click at two different points to define the two ends of the curve .

18. Release the button and move the cursor to pull out the curve. When you

have the desired shape, click to set it.



19. Now click at another point and proceed to pull out a second curve. Repeat the process until a floral motif is created as below. Click  Exit to stop.



20. Click  Circle and select the option  Filled Circle. Then take cursor to the middle of the flower and click to define the centre of the circle.



21. Release the button and move the cursor to pull out a solid circle. Click again to set it.




22. Select Orange from the colour cards and fill the petals likewise.






Click  "Exit" to end Colour Fill.

23. Click on Fuschia (Dark Pink) in the Colour Cards. Click  Air Brush. Go to Pen Width. Click inside the number box and type on the keyboard "16" . Press Enter on keyboard. Now change the Intensity to 9. Return to the Drawing Area, and hold down the left mouse button to air-brush liberally around the flower as follows:




24. Select  Rectangular Frame and Frame the motif as shown.




25. Click  Copy. Click on the two options,  "Mirror on/off", and  "Upside-down on/off". Move the cursor to position the "mirrored / upside-down" image in an empty section of the page. Click to place it down.

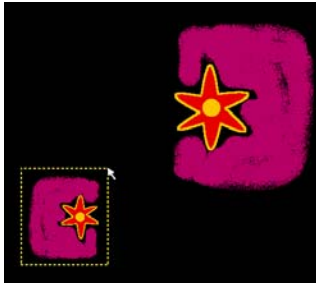



26. Click  Resize. Move the cursor and click down on the Drawing Area near the copied design (as shown in illustration) and slide the cursor outwards until the % count registers 50%. Click to confirm.

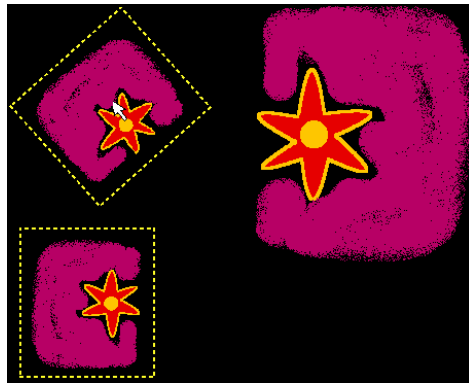


The new motif is half the size of the original one.


27. Click  Rotate and move the half-size motif near the original drawing in line with the base of the original drawing – as per the illustration.




28. Click  Rotate again. Return to the drawing area, click to commence the process. Now move the cursor to adjust the angle of rotation. When you have reached the desired angle, click to confirm.



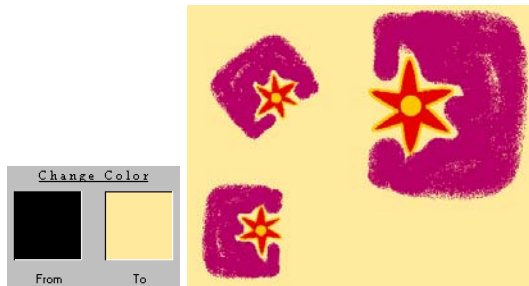
Move the rotated image to where you wish to place it and click to deposit it.


29. Click  Define Frame. Click on two corners the usual way to Frame the motifs.

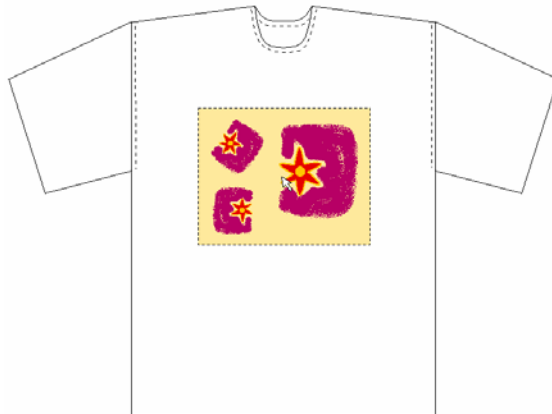



30. Click  Change Colour. Move the cursor to the black background and click. Then click on Maize (dusty yellow) in the Colour Cards for it to replace black.

Tip: While trying to make up your mind, point the cursor at any colour in the Drawing Area or in the Colour Cards, and notice in the Temporary Display Window in the bottom right corner of the screen that Black has switched to that colour. Click on your final choice to initiate the change.




31. Click  Move. Shift the cursor to place the Framed motifs inside the shirt. Click to deposit them.




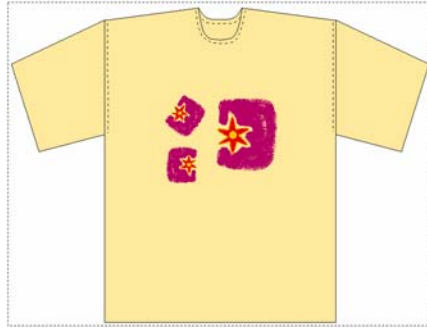
32. You need to fill the rest of the shirt with Maize. If there are several similar shades in your Colour Cards, and you have forgotten which one it was. Click  at the top right corner of the screen. Point the cursor at Maize in the Drawing Area and click to extract it as the Current Colour. Maize is now in the Current Colour Box.




33. Click  Colour Fill. Point paint can at the front panel and click fill this part with the Current Colour. Then move the paint can over to one sleeve and click. Repeat, until the entire shirt has been painted.

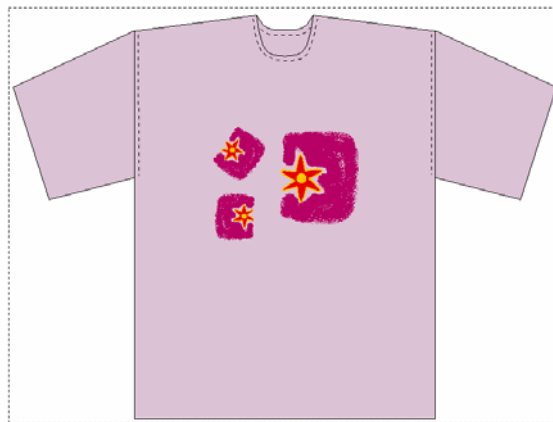
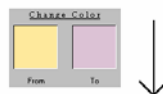
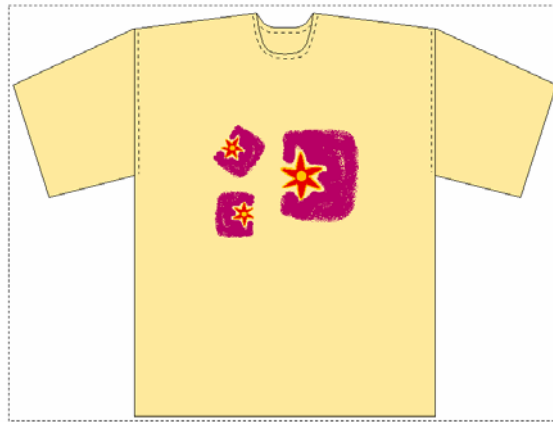


34. Click  Define Frame. Frame the whole shirt.



35. Click Copy. Return cursor to Drawing Area and place the duplicated image next to the original.

36. Click  Change Colour. Click on Maize, and then click on Mauve (Light Purple) in the colour cards to give the second image a Mauve ground.



You have now completed two combos, Maize and Mauve. Repeat Steps 35 & 36 to create hundreds and thousands of other variations within minutes!