

How can I change the axis scales in Google Sheets plots?

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RECOMMENDED CITATION

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PSYCHOLOGICAL SCALES. Retrieved from <https://scales.arabpsychology.com/?p=156101>

In Google Sheets, axis scales refer to the numerical values displayed on the horizontal and vertical axes of a plot. To change the axis scales in Google Sheets plots, follow these steps:

1. Select the plot or chart you want to edit.
2. Click on the "Customize" tab in the top menu bar.
3. In the "Customize" tab, click on the "Axis" option.
4. Here, you can make changes to the axis scales by adjusting the minimum and maximum values, or by selecting a specific range of values.
5. You can also choose to display the axis scales logarithmically or as a percentage.
6. Once you have made the desired changes, click on "Apply" to save them.

By following these steps, you can easily change the axis scales in Google Sheets plots to better represent your data and improve the visual clarity of your charts.

Change Axis Scales in Google Sheets Plots

This tutorial provides a step-by-step example of how to change the axis scales on a plot in Google Sheets.

Step 1: Enter the Data

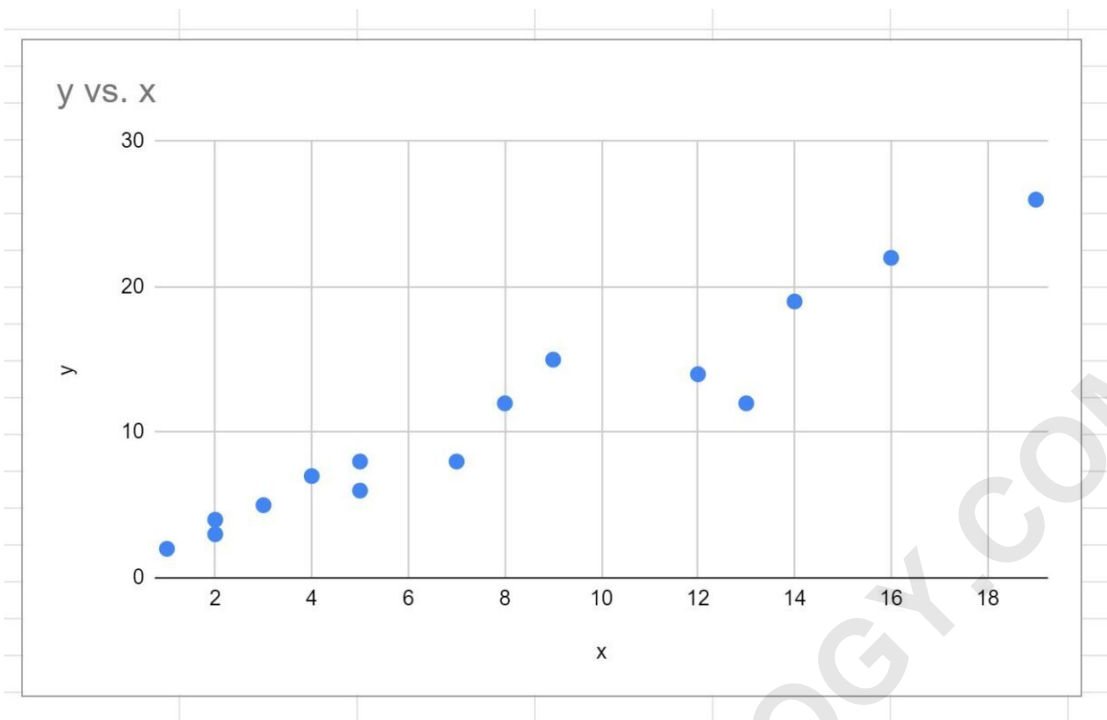
First, let's enter a simple dataset into Google Sheets:

	A	B	C	D
1	x	y		
2		1	2	
3		2	4	
4		2	3	
5		3	5	
6		4	7	
7		5	8	
8		5	6	
9		7	8	
10		8	12	
11		9	15	
12		12	14	
13		13	12	
14		14	19	
15		16	22	
16		19	26	
17				
18				
19				

Step 2: Create Plot

Next, highlight the cells in the range A2:B16. Then click the Insert tab along the top ribbon and then click Chart.

The following scatterplot will be created:



Step 3: Change the Axis Scales

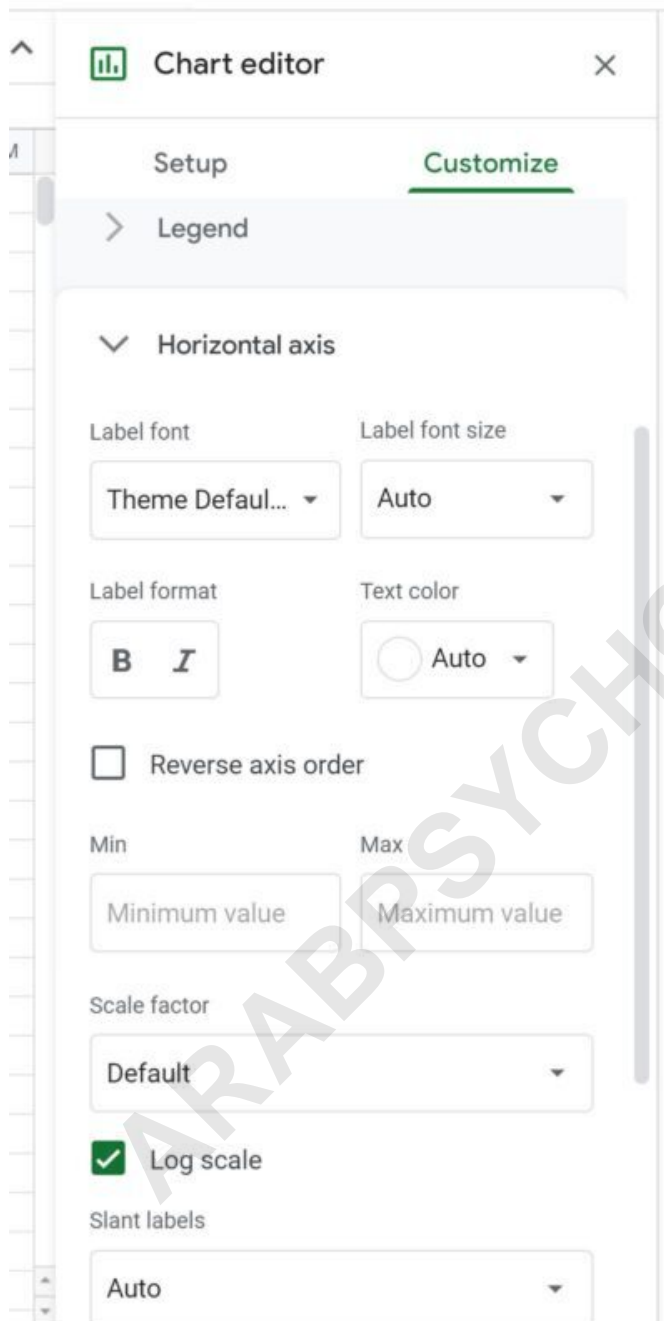
By default, Google Sheets will choose a scale for the x-axis and y-axis that ranges roughly from the minimum to maximum values in each column.

To change the scale of the x-axis, simply double click any value on the x-axis.

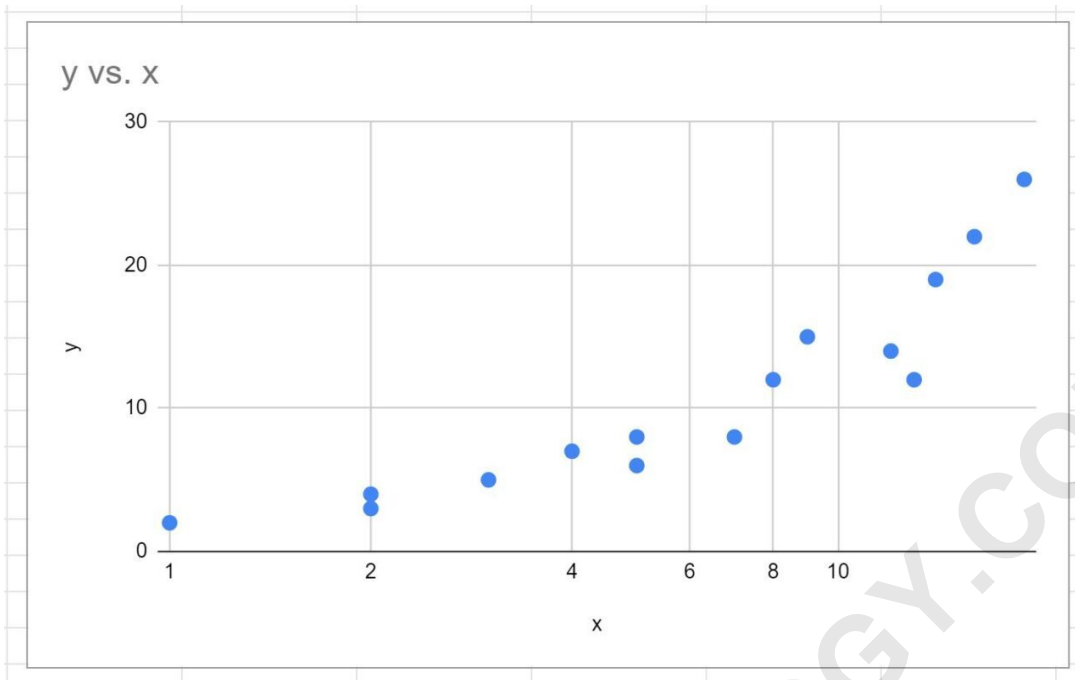
This will bring up the Chart editor panel on the right side of the screen.

Within this panel you can click the Customize tab, then click the dropdown arrow next to Horizontal axis, then

check the box next to Log scale to convert the x-axis to a logarithmic scale:

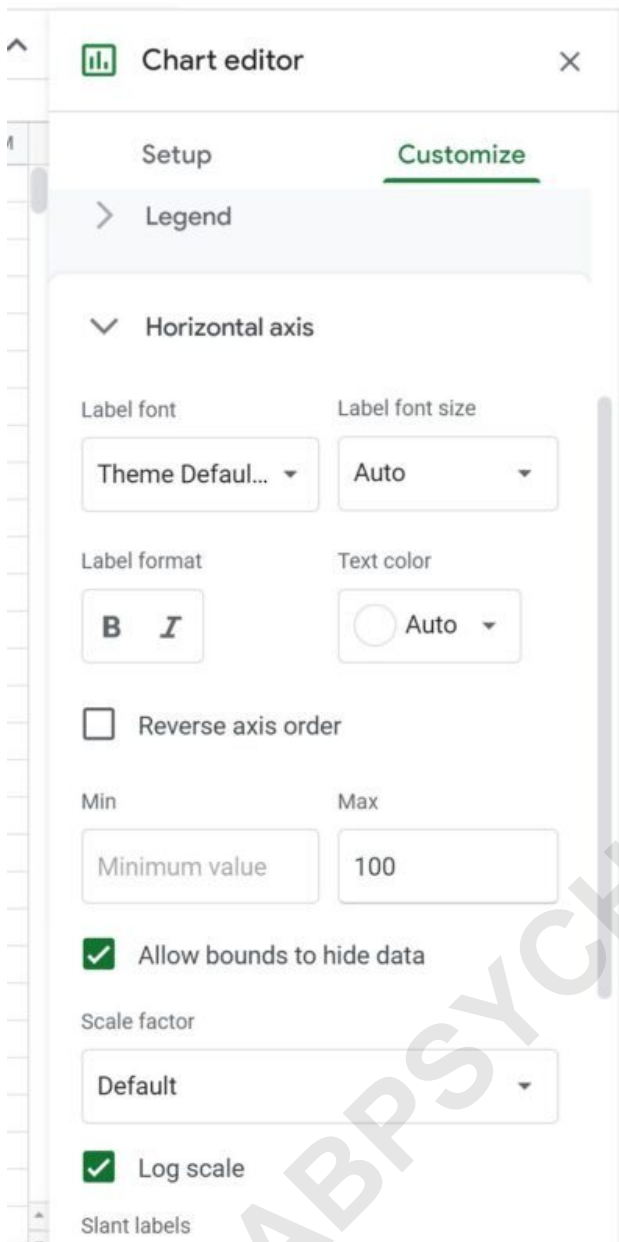


The x-axis will automatically be converted to a logarithmic scale:

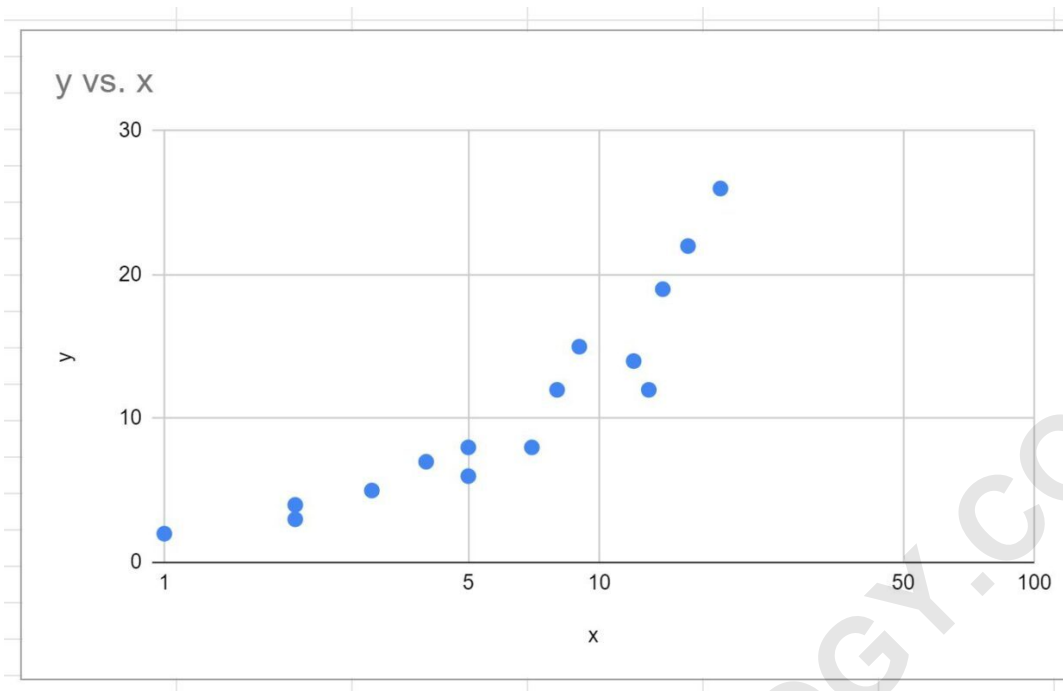


Related:

For example, we could choose to make the maximum value on the x-axis equal to 100:



The x-axis on the chart will automatically be updated:



Note that in this example, we chose to change only the x-axis scale.

However, we can just as easily change the y-axis scale by clicking the dropdown arrow next to Vertical axis within the Customize tab of the Chart editor panel and performing the same steps as above.

Additional Resources

The following tutorials explain how to perform other common tasks in Google Sheets: