

# “Can I add a second Y-axis in Google Sheets?”

Authored by  
**stats writer**

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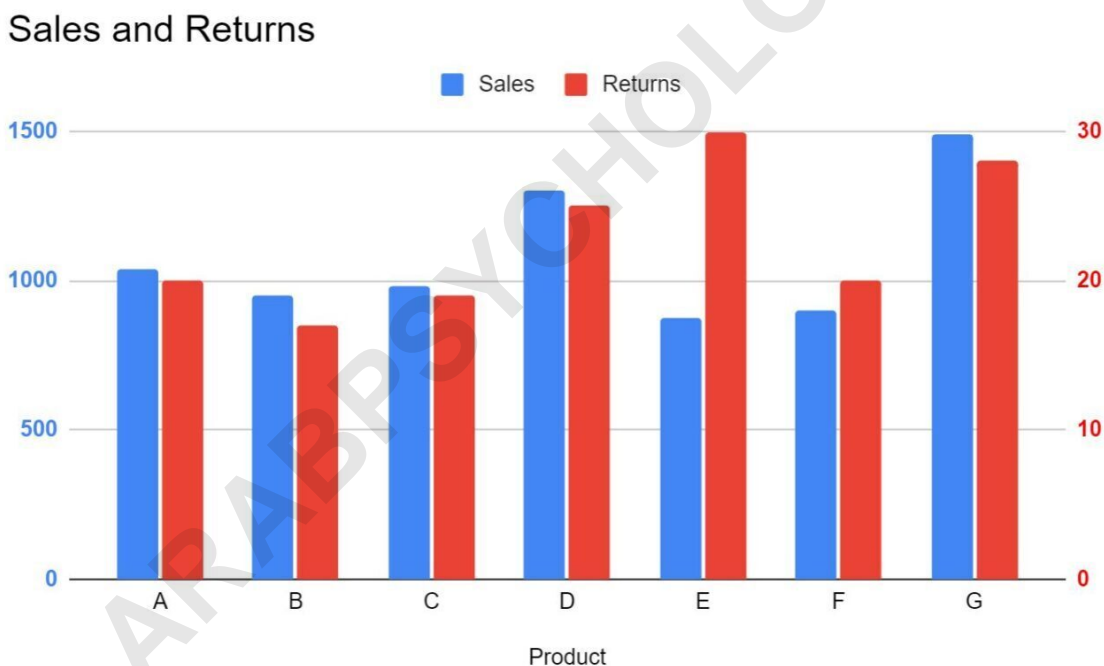
## RECOMMENDED CITATION

stats writer (2024). “*Can I add a second Y-axis in Google Sheets?*”. PSYCHOLOGICAL SCALES. Retrieved from <https://scales.arabpsychology.com/?p=161102>

"The feature of adding a second Y-axis in Google Sheets allows users to create a second vertical axis on their charts, making it easier to compare and analyze multiple sets of data. This feature is useful for displaying complex data and identifying patterns or correlations between different variables. By adding a second Y-axis, users can effectively visualize and interpret their data in a more comprehensive manner."

## Add a Second Y-Axis in Google Sheets

This tutorial provides a step-by-step example of how to create the following chart in Google Sheets with a secondary y-axis:



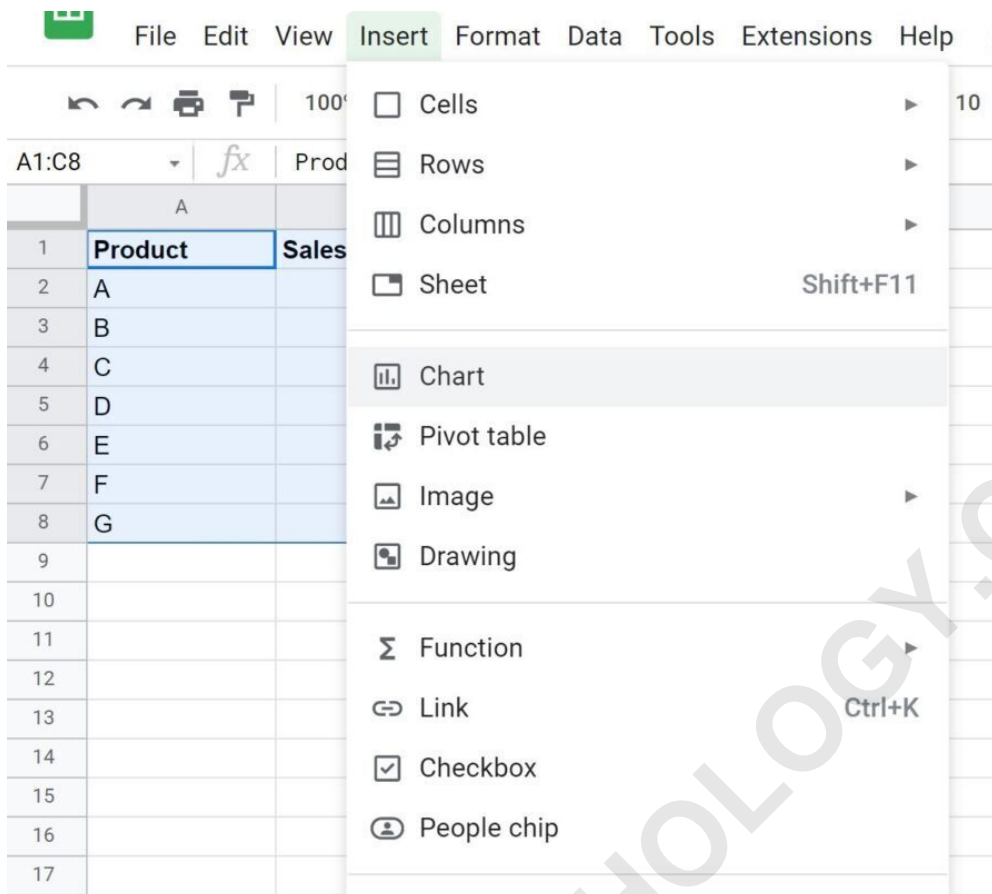
### Step 1: Create the Data

First, let's enter the following data that shows the total sales and total returns for various products:

	A	B	C	D	E
1	<b>Product</b>	<b>Sales</b>	<b>Returns</b>		
2	A	1040	20		
3	B	950	17		
4	C	980	19		
5	D	1300	25		
6	E	875	30		
7	F	900	20		
8	G	1490	28		
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**Step 2: Create the Chart**

**Next, highlight the cells in the range A1:C8, then click the Insert tab, then click Chart:**



**Google Sheets will automatically insert the following bar chart:**

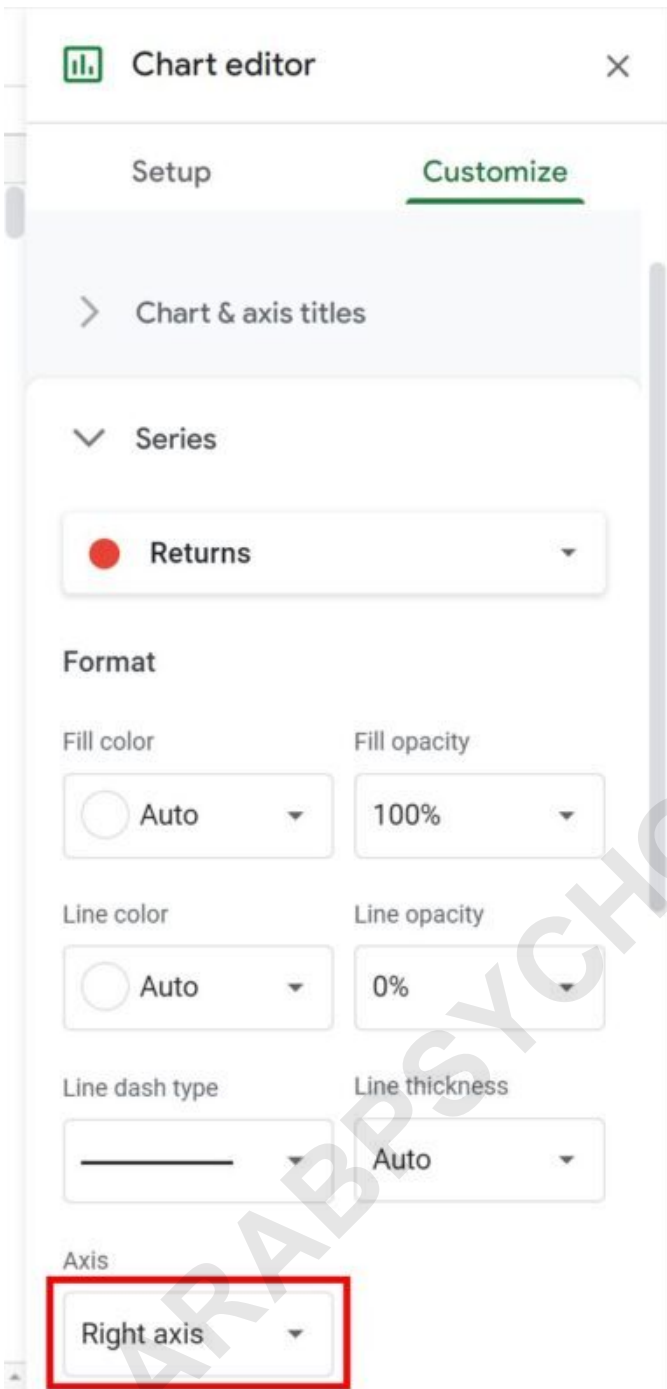
## Sales and Returns



### Step 3: Add the Second Y-Axis

Use the following steps to add a second y-axis on the right side of the chart:

Click the Chart editor panel on the right side of the screen. Then click the Customize tab. Then click the Series dropdown menu. Then choose "Returns" as the series. Then click the dropdown arrow under Axis and choose Right axis:



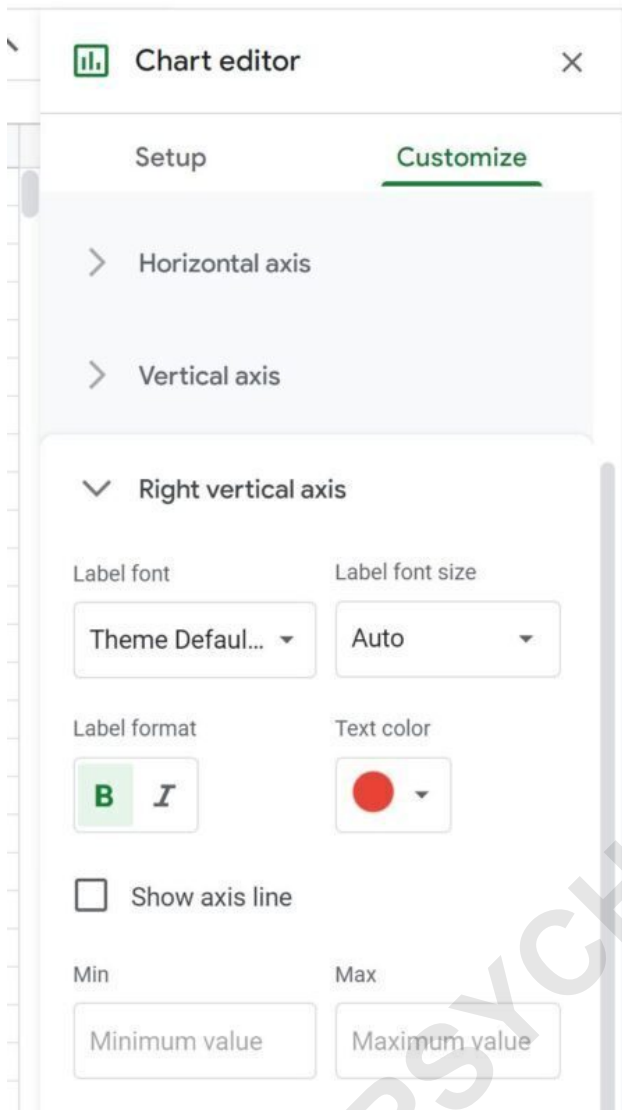
**The following axis will automatically appear on the right side of the chart:**

### Sales and Returns



**The axis on the right shows the values for the Returns while the axis on the left shows the values for the Sales.**

**In the Chart editor panel, click the "B" under the Label format to make the axis values bold, then choose red as the Text color:**



**Repeat the process for the left axis, but choose blue as the Text color.**

**The axis colors will automatically be updated on the chart:**

### Sales and Returns



It's now obvious that the axis on the left represents the values for the Sales while the axis on the right represents the values for the Returns.

#### Additional Resources

The following tutorials explain how to create other common visualizations in Google Sheets: