 [Chart.js](http://docs.google.com/docs/3.9.1/)

[Home](http://docs.google.com/docs/3.9.1/)

[API](http://docs.google.com/docs/3.9.1/api/)

[Samples](http://docs.google.com/docs/3.9.1/samples/)

Ecosystem Ecosystem

* [Awesome (opens new window)](https://github.com/chartjs/awesome)
* [Slack (opens new window)](https://chartjs-slack.herokuapp.com/)
* [Stack Overflow (opens new window)](https://stackoverflow.com/questions/tagged/chart.js)

[GitHub (opens new window)](https://github.com/chartjs/Chart.js)

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* [Awesome (opens new window)](https://github.com/chartjs/awesome)
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[GitHub (opens new window)](https://github.com/chartjs/Chart.js)

* [Information](http://docs.google.com/docs/3.9.1/samples/information.html)
* Bar Charts
* Line Charts
* Other charts
* Area charts
* Scales
* Scale Options
  + [Center Positioning](http://docs.google.com/docs/3.9.1/samples/scale-options/center.html)
  + [Grid Configuration](http://docs.google.com/docs/3.9.1/samples/scale-options/grid.html)
  + [Tick Configuration](http://docs.google.com/docs/3.9.1/samples/scale-options/ticks.html)
  + [Title Configuration](http://docs.google.com/docs/3.9.1/samples/scale-options/titles.html)
* Legend
* Title
* Subtitle
* Tooltip
* Scriptable Options
* Animations
* Advanced
* Plugins
* [Utils](http://docs.google.com/docs/3.9.1/samples/utils.html)

[**#**](#gjdgxs) Center Positioning

This sample show how to place the axis in the center of the chart area, instead of at the edges.

config setup actions

const config = { type: 'scatter', data: data, options: { responsive: true, plugins: { title: { display: true, text: 'Axis Center Positioning' } }, scales: { x: { min: -100, max: 100, }, y: { min: -100, max: 100, } } }, };

const config = {  
 type: 'scatter',  
 data: data,  
 options: {  
 responsive: true,  
 plugins: {  
 title: {  
 display: true,  
 text: 'Axis Center Positioning'  
 }  
 },  
 scales: {  
 x: {  
 min: -100,  
 max: 100,  
 },  
 y: {  
 min: -100,  
 max: 100,  
 }  
 }  
 },  
};

const DATA\_COUNT = 6; const NUMBER\_CFG = {count: DATA\_COUNT, min: -100, max: 100}; const data = { datasets: [ { label: 'Dataset 1', data: Utils.points(NUMBER\_CFG), fill: false, borderColor: Utils.CHART\_COLORS.red, backgroundColor: Utils.transparentize(Utils.CHART\_COLORS.red, 0.5), }, { label: 'Dataset 2', data: Utils.points(NUMBER\_CFG), fill: false, borderColor: Utils.CHART\_COLORS.blue, backgroundColor: Utils.transparentize(Utils.CHART\_COLORS.blue, 0.5), } ] };

const DATA\_COUNT = 6;  
const NUMBER\_CFG = {count: DATA\_COUNT, min: -100, max: 100};  
const data = {  
 datasets: [  
 {  
 label: 'Dataset 1',  
 data: Utils.points(NUMBER\_CFG),  
 fill: false,  
 borderColor: Utils.CHART\_COLORS.red,  
 backgroundColor: Utils.transparentize(Utils.CHART\_COLORS.red, 0.5),  
 },  
 {  
 label: 'Dataset 2',  
 data: Utils.points(NUMBER\_CFG),  
 fill: false,  
 borderColor: Utils.CHART\_COLORS.blue,  
 backgroundColor: Utils.transparentize(Utils.CHART\_COLORS.blue, 0.5),  
 }  
 ]  
};

const actions = [ { name: 'Default Positions', handler(chart) { chart.options.scales.x.position = 'bottom'; chart.options.scales.y.position = 'left'; chart.update(); } }, { name: 'Position: center', handler(chart) { chart.options.scales.x.position = 'center'; chart.options.scales.y.position = 'center'; chart.update(); } }, { name: 'Position: Vertical: x=-60, Horizontal: y=30', handler(chart) { chart.options.scales.x.position = {y: 30}; chart.options.scales.y.position = {x: -60}; chart.update(); } }, ];

const actions = [  
 {  
 name: 'Default Positions',  
 handler(chart) {  
 chart.options.scales.x.position = 'bottom';  
 chart.options.scales.y.position = 'left';  
 chart.update();  
 }  
 },  
 {  
 name: 'Position: center',  
 handler(chart) {  
 chart.options.scales.x.position = 'center';  
 chart.options.scales.y.position = 'center';  
 chart.update();  
 }  
 },  
 {  
 name: 'Position: Vertical: x=-60, Horizontal: y=30',  
 handler(chart) {  
 chart.options.scales.x.position = {y: 30};  
 chart.options.scales.y.position = {x: -60};  
 chart.update();  
 }  
 },  
];

## [**#**](#30j0zll) Docs

* [Scatter](http://docs.google.com/docs/3.9.1/charts/scatter.html)
* [Cartesian Axes](http://docs.google.com/docs/3.9.1/axes/cartesian/)
  + [Axis Position](http://docs.google.com/docs/3.9.1/axes/cartesian/#axis-position)

Last Updated: 8/3/2022, 12:46:38 PM

←  [Time Scale - Combo Chart](http://docs.google.com/docs/3.9.1/samples/scales/time-combo.html)   [Grid Configuration](http://docs.google.com/docs/3.9.1/samples/scale-options/grid.html)  →