

Converting Colors

XYZ(59.9866, 62.7394, 68.4322)

Have a look what the booklet for
XYZ(59.9866, 62.7394, 68.4322)
contains.

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Color

**XYZ(59.9925, 62.7350,
68.6216)**

Conversions

Conversions Part 1

Format	Color
Hex	D1CFD0
RGB	209, 207, 208
RGB Percent	82%, 81%, 82%
CMY	0.1804, 0.1882, 0.1843
CMYK	0.00, 0.01, 0.00, 0.18
HSL	330°, 2%, 82%
HSV	330°, 1%, 82%
XYZ	59.9925, 62.7350, 68.6216
YIQ	207.7120, 0.8710, 0.7350

Conversions

Conversions Part 2

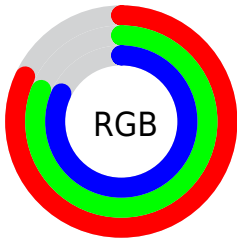
Format	Color
RYB	209, 207, 208
Decimal	13750224
CIELab	83.30, 0.87, -0.26
CIElCh	83, 0.910, 343.270
Yxy	62.7350, 0.3135, 0.3279
Android (android.graphics.Color)	4291940304 (0xFFD1CFD0)
YUV	207.7120, 0.1420, 1.1296
Hunter-Lab	79.2054, -3.4084, 4.0764

Details

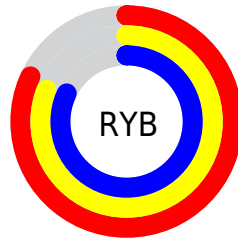
The XYZ color **59.9925, 62.7350, 68.6216** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **59.9201, 63.4221, 68.7613**, and the grayscale version is **59.7680, 62.8806, 68.4769**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **30.7415, 32.0841, 35.1445** is the 20% darker color. If you saturate the color by 10%, you get **54.0151, 52.7732, 60.4831**, and if you desaturate by 10%, it is **66.7288, 74.0767, 77.4341**.

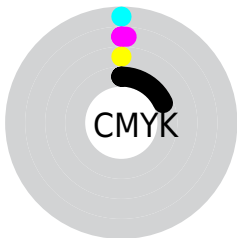
Distribution



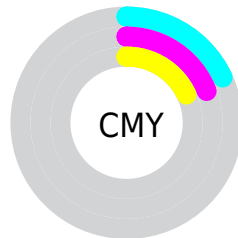
- Red (82%)
- Green (81%)
- Blue (82%)



- Red (82%)
- Yellow (81%)
- Blue (82%)



- Cyan (0%)
- Magenta (1%)
- Yellow (0%)
- Black (18%)



- Cyan (18%)
- Magenta (19%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 59.9925, 62.7350, 68.6216 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the XYZ color 59.9925, 62.7350, 68.6216 by changing the saturation by 10% instead.

■ 59.9925, 62.7350,
68.6216

■ 59.9925, 62.7350,
68.6216

414.4053,
434.6071, 474.3530

■ 43.6620, 45.6269,
49.9338

103.9252,
108.7871, 118.9036

■ 30.6017, 31.9515,
34.9900

132.2581,
138.4999, 151.3347

■ 20.4461, 21.3244,
23.3716

165.3226,
173.1829, 189.1841

■ 12.8298, 13.3614,
14.6603

203.4839,
213.2208, 232.8703

■ 7.3877, 7.6778,
8.4374

247.1075,
258.9977, 282.8117

■ 3.7542, 3.8895,
4.2843

296.5587,

■ 1.5640, 1.6119,

310.8981, 339.4269

1.7826

352.2029,
369.3065, 403.1345

■ 0.3688, 0.3656,
0.4164

■ 0.0000, 0.0000,
0.0000

■ 59.9925, 62.7350,
68.6216

■ 59.9925, 62.7350,
68.6216

■ 54.0151, 52.7732,
60.4831

■ 66.7288, 74.0767,
77.4341

■ 48.7634, 44.1302,
52.9972

■ 74.2448, 86.8403,
86.9332

■ 44.2098, 36.7526,
46.1471

■ 77.6953, 91.3317,
95.5119

■ 40.3226, 30.5797,
39.9139

■ 79.2910, 91.9700,
103.9147

■ 37.0677, 25.5463,
34.2774

■ 80.1049, 92.2955,
108.2006

■ 34.4077, 21.5807,
29.2158

■ 32.3013, 18.6028,
24.7060

■ 30.7010, 16.5215,
20.7224

■ 29.5509, 15.2279,
17.2358

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



59.8887, 62.7350, 69.1035



59.9925, 62.7350, 68.6216



59.9985, 62.7350, 68.0582

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



59.9925, 62.7350, 68.6216



59.5405, 62.7350, 67.2537



59.3514, 62.7350, 69.0566

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



59.9925, 62.7350, 68.6216



59.9201, 63.4221, 68.7613

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



59.2585, 62.7350, 68.5579



59.9925, 62.7350, 68.6216



59.3676, 62.7350, 67.5182

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



59.9925, 62.7350, 68.6216



59.7372, 62.7350, 67.2705



59.2645, 62.7350, 67.9949



59.5184, 62.7350, 69.3556

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



59.9925, 62.7350, 68.6216



59.9461, 62.7350, 67.7123



59.2645, 62.7350, 67.9949



59.3105, 62.7350, 68.9067

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



59.9943, 62.7377, 68.6230

95.0500, 100.0000, 108.9000



59.8362, 62.6419, 69.2600



20.3446, 21.4041, 23.3091



0.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



59.9943, 62.7377, 68.6230



94.0369, 98.3018, 107.5511



59.8720, 62.6888, 67.9792



13.1736, 13.7773, 15.0687



17.8125, 8.9979, 9.1849



1.0360, 0.5191, 0.7245

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



59.9943, 62.7377, 68.6230



94.0369, 98.3018, 107.5511



60.0431, 63.4713, 69.4092



13.1736, 13.7773, 15.0687



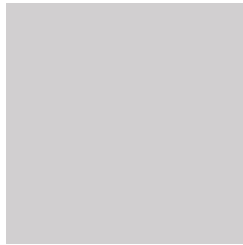
17.8125, 8.9979, 9.1849



1.0360, 0.5191, 0.7245

Previews

White Background



This preview shows how the XYZ color 59.9925, 62.7350, 68.6216 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 59.9925, 62.7350, 68.6216 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

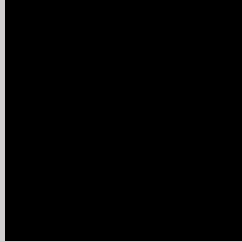
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

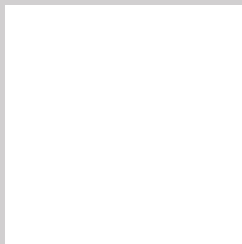
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 59.9925, 62.7350, 68.6216

Background



This preview shows how black text looks on a background with the XYZ color 59.9925, 62.7350, 68.6216.

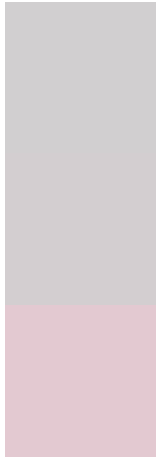


This preview shows how white text looks on a background with the XYZ color 59.9925, 62.7350,

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

59.9925, 62.7350, 68.6216

Protanopia

60.3204, 62.5456, 68.5678

Deuteranopia

64.0738, 62.7076, 69.0483



Tritanopia

61.7464, 62.7320, 77.2607

Trichromacy



Original Color

59.9925, 62.7350, 68.6216

Protanomaly

60.0348, 62.3983, 68.5544

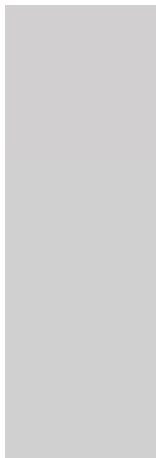
Deuteranomaly

62.3798, 62.5310, 69.1035

Tritanomaly

61.0443, 62.8021, 73.8704

Monochromacy



Original Color

59.9925, 62.7350, 68.6216

Achromatopsia

59.9535, 63.0757, 68.6895

Achromatomaly

59.9535, 63.0757, 68.6895

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.9925, 62.7350, 68.6216 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color rgb(209, 207, 208) looks like.

```
.text, #text, p{  
    color:rgb(209, 207, 208)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(209, 207, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 207, 208) }
```

Border

The CSS property to change the border of an element to XYZ 59.9925, 62.7350, 68.6216 is called "border". The border property can be set on classes, ids or directly on the HTML element.

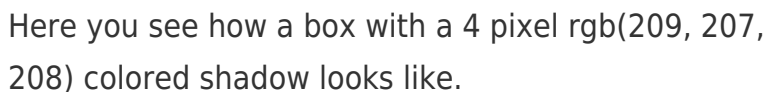
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(209, 207, 208) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(209, 207, 208) }
```

If you want to add a box shadow in that color use:



Here you see how a box with a 4 pixel `rgb(209, 207, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(209, 207, 208); -webkit-box-shadow:4px 4px 4px 4px rgb(209, 207, 208); box-shadow:4px 4px 4px 4px rgb(209, 207, 208) }
```


Background

The CSS property to change the background color of an element to XYZ 59.9925, 62.7350, 68.6216 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 207, 208) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(209,  
207, 208) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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