

Converting Colors

XYZ(58.7048, 64.3740, 69.4006)

Have a look what the booklet for
XYZ(58.7048, 64.3740, 69.4006)
contains.

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Color

**XYZ(58.5916, 64.1977,
69.6249)**

Conversions

Conversions Part 1

Format	Color
Hex	C6D5D1
RGB	198, 213, 209
RGB Percent	78%, 84%, 82%
CMY	0.2235, 0.1647, 0.1804
CMYK	0.07, 0.00, 0.02, 0.16
HSL	164°, 15%, 81%
HSV	164°, 7%, 84%
XYZ	58.5916, 64.1977, 69.6249
YIQ	208.0590, -7.6560, -4.4240

Conversions

Conversions Part 2

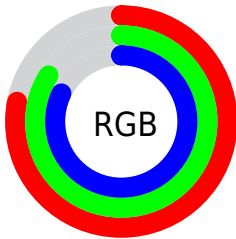
Format	Color
R_{YB}	198, 207, 213
Decimal	13030865
CIE _{Lab}	84.07, -5.79, 0.23
CIE _{LCh}	84, 5.799, 177.757
Yxy	64.1977, 0.3045, 0.3336
Android (android.graphics.Color)	4291220945 (0xFFC6D5D1)
YUV	208.0590, 0.4639, -8.8217
Hunter-Lab	80.1235, -9.6850, 4.5652

Details

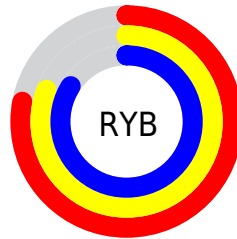
The XYZ color **58.5916, 64.1977, 69.6249** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **58.2977, 58.8003, 64.1572**, and the grayscale version is **59.9946, 63.1190, 68.7366**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **29.6449, 32.7496, 35.7692** is the 20% darker color. If you saturate the color by 10%, you get **52.6764, 61.2299, 65.7410**, and if you desaturate by 10%, it is **65.3252, 67.5880, 73.6808**.

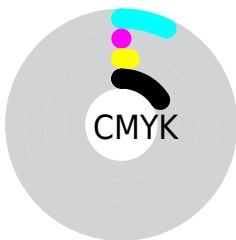
Distribution



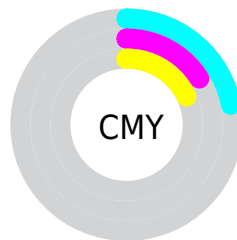
- Red (78%)
- Green (84%)
- Blue (82%)



- Red (78%)
- Yellow (81%)
- Blue (84%)



- Cyan (7%)
- Magenta (0%)
- Yellow (2%)
- Black (16%)



- Cyan (22%)
- Magenta (16%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 58.5916, 64.1977, 69.6249 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 58.5916, 64.1977, 69.6249 by changing the saturation by 10% instead.

■ 58.5916, 64.1977,
69.6249

■ 58.5916, 64.1977,
69.6249

409.3052,
439.9032, 477.9854

■ 42.5295, 46.8108,
50.7459

101.9019,
110.8956, 120.3498

■ 29.7091, 32.8861,
35.6311

129.8808,
140.9754, 153.0327

■ 19.7649, 22.0392,
23.8620

162.5628,
176.0550, 191.1540

■ 12.3315, 13.8857,
15.0200

200.3131,
216.5187, 235.1323

■ 7.0437, 8.0412,
8.6867

243.4972,
262.7510, 285.3860

■ 3.5360, 4.1213,
4.4434

292.4803,

■ 1.4431, 1.7417,

315.1363, 342.3337

1.8716

347.6278,
374.0589, 406.3940

■ 0.2866, 0.4504,
0.4746

■ 0.0000, 0.0000,
0.0000

■ 58.5916, 64.1977,
69.6249

■ 58.5916, 64.1977,
69.6249

■ 52.6764, 61.2299,
65.7410

■ 65.3252, 67.5880,
73.6808

■ 47.5410, 58.6595,
62.0220

■ 72.9027, 71.4087,
77.9073


■ 43.1519, 56.4711,
58.4663


■ 78.7701, 74.3447,
82.1874


■ 39.4711, 54.6449,
55.0707


■ 79.5634, 74.6621,
86.3651


 36.4571, 53.1596,
51.8318


 80.3829, 74.9899,
90.6802


 34.0637, 51.9916,
48.7461


 81.2287, 75.3282,
95.1341

 32.2390, 51.1141,
45.8097

 82.1010, 75.6771,
99.7280

 30.9221, 50.4956,
43.0181

 83.0002, 76.0368,
104.4630

 30.0329, 50.0950,
40.3663

 83.0854, 76.0709,
104.9118

Harmonies

Analogous

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



58.9599, 64.1977, 66.2069



58.5916, 64.1977, 69.6249



58.8658, 64.1977, 73.2347

Triad

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



58.5916, 64.1977, 69.6249



62.1714, 64.1977, 76.3253



62.3405, 64.1977, 64.1066

Complementary

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



58.5916, 64.1977, 69.6249



58.2977, 58.8003, 64.1572

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.



63.2220, 64.1977, 66.6688



58.5916, 64.1977, 69.6249



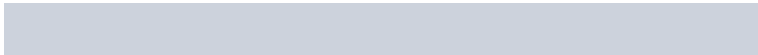
63.1234, 64.1977, 73.7287

Square

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



58.5916, 64.1977, 69.6249



60.9217, 64.1977, 77.1828



63.5105, 64.1977, 70.1766



61.1144, 64.1977, 63.0911

Rectangle

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



58.5916, 64.1977, 69.6249



59.3783, 64.1977, 75.2494



63.5105, 64.1977, 70.1766



62.6876, 64.1977, 64.8111

Sweetspot

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



58.5934, 64.2004, 69.6263



92.9802, 98.9582, 107.6635



58.4142, 64.2600, 62.7518



19.9233, 21.1920, 23.0575



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



58.5934, 64.2004, 69.6263



87.0749, 95.9885, 104.0168



58.2859, 62.7822, 72.0001



12.6442, 14.0487, 15.2066



18.2531, 30.5566, 24.4260



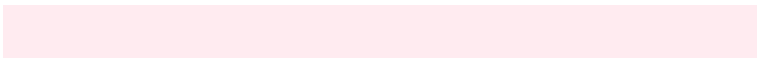
1.1344, 1.8564, 1.6496

Inverse Universe

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



58.2977, 58.8003, 64.1572



86.5685, 86.7417, 94.6520



58.5807, 60.1152, 61.9430



12.5580, 12.4747, 13.6125



17.2470, 8.8351, 3.3387



1.0747, 0.5467, 0.3830

Previews

White Background



This preview shows how the XYZ color 58.5916, 64.1977, 69.6249 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 58.5916, 64.1977, 69.6249 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

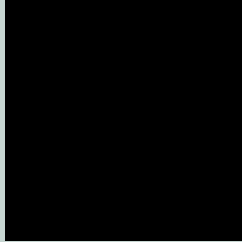
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

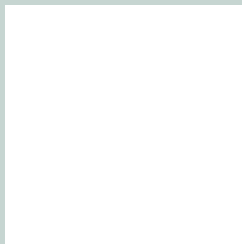
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 58.5916, 64.1977, 69.6249

Background



This preview shows how black text looks on a background with the XYZ color 58.5916, 64.1977, 69.6249.



This preview shows how white text looks on a background with the XYZ color 58.5916, 64.1977,

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

58.5916, 64.1977, 69.6249

Protanopia

61.4280, 63.8641, 67.4819

Deuteranopia

65.4269, 64.0730, 70.5470



Tritanopia

60.9991, 64.0567, 81.8222

Trichromacy



Original Color

58.5916, 64.1977, 69.6249

Protanomaly

60.3215, 64.0081, 68.2070

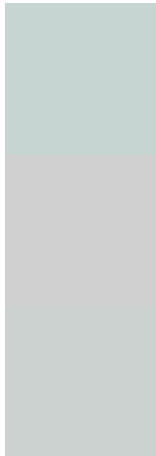
Deuteranomaly

62.8591, 64.1842, 70.0485

Tritanomaly

60.0320, 64.0352, 76.9062

Monochromacy



Original Color

58.5916, 64.1977, 69.6249

Achromatopsia

59.9535, 63.0757, 68.6895

Achromatomaly

59.3336, 63.4846, 68.8011

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.5916, 64.1977, 69.6249 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(198, 213, 209) looks like.

```
.text, #text, p{  
    color:rgb(198, 213, 209)  
}
```

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(198, 213, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 213, 209) }
```

Border

The CSS property to change the border of an element to XYZ 58.5916, 64.1977, 69.6249 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(198, 213, 209) }
```


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

```
.border{ border-color:rgb(198, 213, 209) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 213, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 213, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 213, 209);  
box-shadow:4px 4px 4px 4px rgb(198, 213,  
209) }
```

Background

The CSS property to change the background color of an element to XYZ 58.5916, 64.1977, 69.6249 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 213, 209) }
```

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

```
.background{ background-color: rgb(198,  
213, 209) }
```

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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