

Converting Colors

XYZ(57.8555, 64.0622, 69.8090)

Have a look what the booklet for
XYZ(57.8555, 64.0622, 69.8090)
contains.

XYZ(57.8033, 64.1659, 69.6603)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(57.8033, 64.1659,
69.6603)**

Conversions

Conversions Part 1

Format	Color
Hex	C2D6D1
RGB	194, 214, 209
RGB Percent	76%, 84%, 82%
CMY	0.2392, 0.1608, 0.1804
CMYK	0.09, 0.00, 0.02, 0.16
HSL	165°, 20%, 80%
HSV	165°, 9%, 84%
XYZ	57.8033, 64.1659, 69.6603
YIQ	207.4500, -10.3150, -5.7950

Conversions

Conversions Part 2

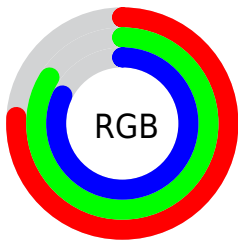
Format	Color
RYB	194, 205, 214
Decimal	12768977
CIELab	84.05, -7.64, 0.17
CIELCh	84, 7.642, 178.731
Yxy	64.1659, 0.3016, 0.3348
Android (android.graphics.Color)	4290959057 (0xFFC2D6D1)
YUV	207.4500, 0.7642, -11.7956
Hunter-Lab	80.1036, -11.3746, 4.5123

Details

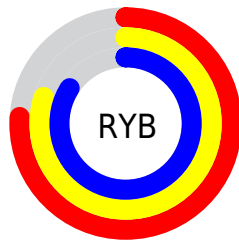
The XYZ color **57.8033, 64.1659, 69.6603** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **57.3344, 57.0049, 62.0169**, and the grayscale version is **59.5999, 62.7037, 68.2843**.

A 20% lighter version of the original color is **93.5937, 99.2492, 108.8318**, and **29.1297, 32.7383, 35.7942** is the 20% darker color. If you saturate the color by 10%, you get **52.0503, 61.2772, 65.9905**, and if you desaturate by 10%, it is **64.3732, 67.4767, 73.4873**.

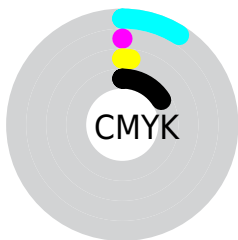
Distribution



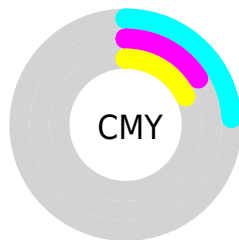
- Red (76%)
- Green (84%)
- Blue (82%)



- Red (76%)
- Yellow (80%)
- Blue (84%)



- Cyan (9%)
- Magenta (0%)
- Yellow (2%)
- Black (16%)



- Cyan (24%)
- Magenta (16%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 57.8033, 64.1659, 69.6603 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 57.8033, 64.1659, 69.6603 by changing the saturation by 10% instead.

■ 57.8033, 64.1659,
69.6603

■ 57.8033, 64.1659,
69.6603

406.4183,
439.7885, 478.1132

■ 41.8932, 46.7851,
50.7746

■ 100.7610,
110.8498, 120.4008

■ 29.2084, 32.8658,
35.6537

128.5392,
140.9217, 153.0926

■ 19.3836, 22.0236,
23.8793

161.0043,
175.9927, 191.2234

■ 12.0534, 13.8743,
15.0327

198.5214,
216.4472, 235.2120

■ 6.8525, 8.0333,
8.6955

241.4560,
262.6697, 285.4767

■ 3.4156, 4.1162,
4.4490

290.1735,

■ 1.3771, 1.7388,

315.0444, 342.4361

1.8748

345.0391,
373.9559, 406.5088

■ 0.2399, 0.4486,
0.4766

■ 0.0000, 0.0000,
0.0000

■ 57.8033, 64.1659,
69.6603

■ 57.8033, 64.1659,
69.6603

■ 52.0503, 61.2772,
65.9905

■ 64.3732, 67.4767,
73.4873

■ 47.0748, 58.7850,
62.4708

■ 71.7864, 71.2179,
77.4697

■ 42.8424, 56.6733,
59.1000

■ 78.8865, 74.7950,
81.5560

■ 39.3139, 54.9220,
55.8749

■ 79.6287, 75.0919,
85.4642

■ 36.4463, 53.5090,
52.7924

■ 80.3940, 75.3980,
89.4941

■ 34.1920, 52.4097,
49.8490

■ 81.1826, 75.7135,
93.6468

■ 32.4966, 51.5960,
47.0410

■ 81.9947, 76.0383,
97.9232

■ 31.2959, 51.0351,
44.3642

■ 82.8305, 76.3726,
102.3244

■ 30.4830, 50.6717,
41.8123

■ 83.3378, 76.5755,
104.9959

Harmonies

Analogous

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



58.2582, 64.1659, 65.1559



57.8033, 64.1659, 69.6603



58.1885, 64.1659, 74.4252

Triad

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



57.8033, 64.1659, 69.6603



62.5597, 64.1659, 78.3288



62.6863, 64.1659, 62.2255

Complementary

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



57.8033, 64.1659, 69.6603



57.3344, 57.0049, 62.0169

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.



63.8753, 64.1659, 65.4965



57.8033, 64.1659, 69.6603



63.8013, 64.1659, 74.7973

Square

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



57.8033, 64.1659, 69.6603



60.9160, 64.1659, 79.5666



64.2871, 64.1659, 70.0716



61.0596, 64.1659, 60.9873

Rectangle

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



57.8033, 64.1659, 69.6603



58.8740, 64.1659, 77.0802



64.2871, 64.1659, 70.0716



63.1515, 64.1659, 63.1162

Sweetspot

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



57.8051, 64.1686, 69.6617



91.9847, 98.4552, 107.1565



57.4279, 64.1787, 60.4008



19.5173, 20.9872, 22.8369



0.0000, 0.0000, 0.0000



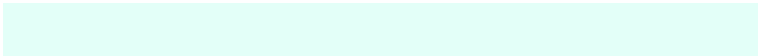
20.3446, 21.4041, 23.3091

Same Dimension

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



57.8051, 64.1686, 69.6617



84.3636, 94.6191, 102.6109



57.2701, 62.0915, 72.5879



12.6533, 14.0523, 15.2546



18.4386, 30.6308, 25.4029



1.1443, 1.8604, 1.7017

Inverse Universe

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



57.3344, 57.0049, 62.0169



83.5418, 82.1094, 89.2618



57.8181, 58.8867, 59.3588



12.5494, 12.4713, 13.5674



17.1931, 8.8136, 3.0549



1.0705, 0.5450, 0.3606

Previews

White Background



This preview shows how the XYZ color 57.8033, 64.1659, 69.6603 looks on a white background.

Color Contrast Check

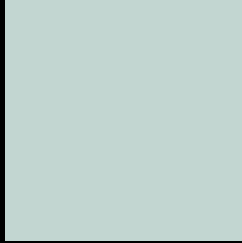
Large Text (above 18pt) WCAG AA × Fail

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 57.8033, 64.1659, 69.6603 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

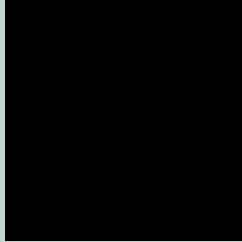
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

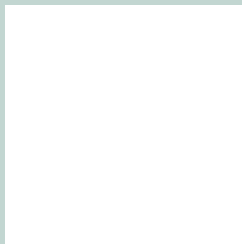
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 57.8033, 64.1659, 69.6603

Background



This preview shows how black text looks on a background with the XYZ color 57.8033, 64.1659, 69.6603.

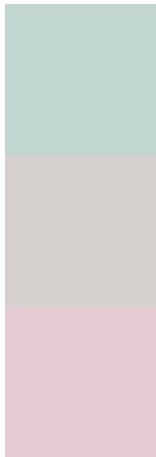


This preview shows how white text looks on a background with the XYZ color 57.8033, 64.1659, 69.6603.

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

57.8033, 64.1659, 69.6603

Protanopia

61.4280, 63.8641, 67.4819

Deuteranopia

65.4269, 64.0730, 70.5470



Tritanopia

60.3238, 64.0603, 82.5843

Trichromacy



Original Color

57.8033, 64.1659, 69.6603

Protanomaly

60.0412, 63.8636, 68.1939

Deuteranomaly

62.2646, 63.8777, 70.0207

Tritanomaly

59.3596, 64.0432, 77.6396

Monochromacy



Original Color

57.8033, 64.1659, 69.6603

Achromatopsia

59.3074, 62.3960, 67.9493

Achromatomaly

58.7889, 63.2038, 68.7756

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.8033, 64.1659, 69.6603 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(194, 214, 209)` looks like.

```
.text, #text, p{  
    color:rgb(194, 214, 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(194, 214, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 214, 209) }
```

Border

The CSS property to change the border of an element to XYZ 57.8033, 64.1659, 69.6603 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(194, 214, 209) }
```


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

```
.border{ border-color:rgb(194, 214, 209) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 214, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 214, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 214, 209);  
box-shadow:4px 4px 4px 4px rgb(194, 214,  
209) }
```

Background

The CSS property to change the background color of an element to XYZ 57.8033, 64.1659, 69.6603 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 214, 209) }
```

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

```
.background{ background-color: rgb(194,  
214, 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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