

Converting Colors

XYZ(57.4024, 65.8922, 67.7964)

Have a look what the booklet for
XYZ(57.4024, 65.8922, 67.7964)
contains.

XYZ(57.4584, 65.9381, 68.0915)	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(57.4584, 65.9381,
68.0915)**

Conversions

Conversions Part 1

Format	Color
Hex	BDDDBCE
RGB	189, 219, 206
RGB Percent	74%, 86%, 81%
CMY	0.2588, 0.1412, 0.1922
CMYK	0.14, 0.00, 0.06, 0.14
HSL	154°, 29%, 80%
HSV	154°, 14%, 86%
XYZ	57.4584, 65.9381, 68.0915
YIQ	208.5480, -13.7070, -10.4030

Conversions

Conversions Part 2

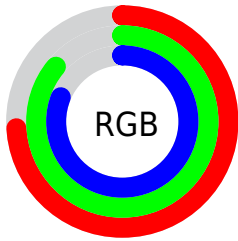
Format	Color
R _Y B	189, 208, 219
Decimal	12442574
CIE Lab	84.96, -12.42, 3.05
CIE LCh	85, 12.787, 166.217
Yxy	65.9381, 0.3001, 0.3443
Android (android.graphics.Color)	4290632654 (0xFFBDDDBCE)
YUV	208.5480, -1.2562, -17.1436
Hunter-Lab	81.2023, -15.7981, 7.1245

Details

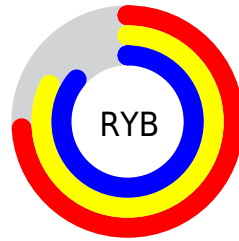
The XYZ color **57.4584, 65.9381, 68.0915** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **58.0741, 55.7213, 63.5746**, and the grayscale version is **60.3258, 63.4675, 69.1161**.

A 20% lighter version of the original color is **91.4662, 98.1525, 108.7323**, and **28.9346, 33.9688, 34.7374** is the 20% darker color. If you saturate the color by 10%, you get **51.3125, 62.9008, 61.9661**, and if you desaturate by 10%, it is **64.4980, 69.4317, 74.6250**.

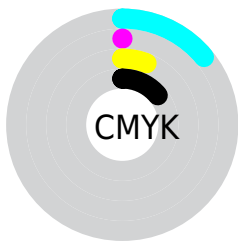
Distribution



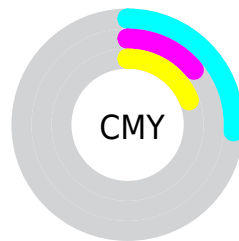
- Red (74%)
- Green (86%)
- Blue (81%)



- Red (74%)
- Yellow (82%)
- Blue (86%)



- Cyan (14%)
- Magenta (0%)
- Yellow (6%)
- Black (14%)



- Cyan (26%)
- Magenta (14%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 57.4584, 65.9381, 68.0915 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 57.4584, 65.9381, 68.0915 by changing the saturation by 10% instead.

■ 57.4584, 65.9381,
68.0915

■ 57.4584, 65.9381,
68.0915

405.1512,
446.1555, 472.4270

■ 41.6150, 48.2222,
49.5050

■ 100.2612,
113.3975, 118.1385

■ 28.9897, 34.0028,
34.6518

127.9514,
143.9097, 150.4361

■ 19.2173, 22.8958,
23.1134

160.3211,
179.4562, 188.1411

■ 11.9323, 14.5166,
14.4712

197.7358,
220.4212, 231.6721

■ 6.7695, 8.4808,
8.3066

240.5608,
267.1893, 281.4477

■ 3.3634, 4.4041,
4.2012

289.1615,

■ 1.3487, 1.9021,

320.1448, 337.8863

1.7364

343.9032,
379.6720, 401.4066

■ 0.2192, 0.5496,
0.3855

■ 0.0000, 0.0000,
0.0000

■ 57.4584, 65.9381,
68.0915

■ 57.4584, 65.9381,
68.0915

■ 51.3125, 62.9008,
61.9661

■ 64.4980, 69.4317,
74.6250

■ 46.0169, 60.2922,
56.2364

■ 72.4612, 73.3914,
81.5701


■ 41.5326, 58.0940,
50.8952


■ 81.3835, 77.8372,
88.9358


■ 37.8157, 56.2838,
45.9339


■ 82.8970, 78.4552,
96.3365


 34.8174, 54.8367,
41.3433


 84.3757, 79.0467,
104.1231

 32.4835, 53.7247,
37.1136

 84.6228, 79.1455,
105.4243

 30.7511, 52.9157,
33.2346

 29.5447, 52.3708,
29.6950

 28.9765, 52.1230,
27.6320

Harmonies

Analogous

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



58.7677, 65.9381, 61.3948



57.4584, 65.9381, 68.0915



57.5157, 65.9381, 76.3053

Triad

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



57.4584, 65.9381, 68.0915



64.2278, 65.9381, 88.0844



66.5730, 65.9381, 60.9677

Complementary

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



57.4584, 65.9381, 68.0915



58.0741, 55.7213, 63.5746

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.



68.1280, 65.9381, 67.4667



57.4584, 65.9381, 68.0915



66.7459, 65.9381, 83.3088

Square

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



57.4584, 65.9381, 68.0915



61.3652, 65.9381, 88.2839



68.1922, 65.9381, 75.6312



63.9976, 65.9381, 57.4994

Rectangle

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



57.4584, 65.9381, 68.0915



58.3199, 65.9381, 81.5552



68.1922, 65.9381, 75.6312



67.2358, 65.9381, 62.8470

Sweetspot

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



57.4603, 65.9409, 68.0930



90.6928, 97.8351, 105.0236



59.0118, 66.9666, 57.9607



19.2417, 20.8562, 22.3256



0.0000, 0.0000, 0.0000



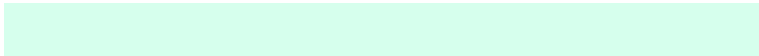
20.3446, 21.4041, 23.3091

Same Dimension

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



57.4603, 65.9409, 68.0930



78.8825, 91.9793, 93.9604



58.7166, 65.8200, 76.6309



13.1940, 14.7292, 15.4847



17.2368, 30.9273, 16.6782



1.1596, 2.0208, 1.3066

Inverse Universe

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



58.0741, 55.7213, 63.5746



79.8860, 75.2740, 86.5753



56.9227, 55.7797, 55.9116



13.2892, 13.1448, 14.7841



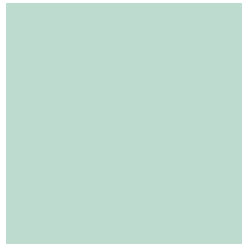
18.5973, 9.4400, 7.5256



1.2475, 0.6286, 0.7124

Previews

White Background



This preview shows how the XYZ color 57.4584, 65.9381, 68.0915 looks on a white background.

Color Contrast Check

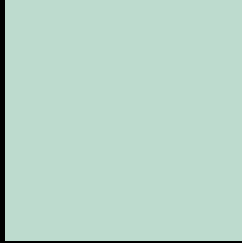
Large Text (above 18pt) WCAG AA × Fail

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 57.4584, 65.9381, 68.0915 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

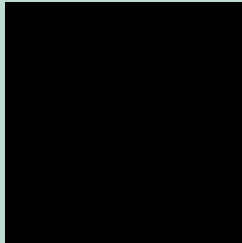
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

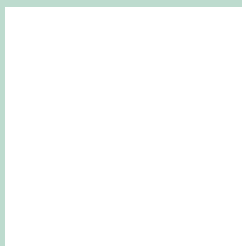
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 57.4584, 65.9381, 68.0915

Background



This preview shows how black text looks on a background with the XYZ color 57.4584, 65.9381, 68.0915.

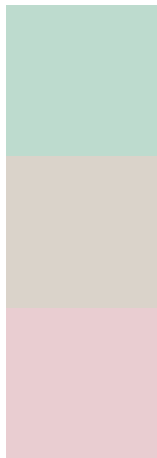


This preview shows how white text looks on a background with the XYZ color 57.4584, 65.9381,

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

57.4584, 65.9381, 68.0915

Protanopia

62.8684, 65.7582, 65.2562

Deuteranopia

66.9442, 65.5897, 69.4533



Tritanopia

61.1141, 65.8964, 85.8422

Trichromacy



Original Color

57.4584, 65.9381, 68.0915

Protanomaly

60.5582, 65.6703, 65.9838

Deuteranomaly

63.0470, 65.3990, 68.9748

Tritanomaly

59.6134, 65.6459, 79.3410

Monochromacy



Original Color

57.4584, 65.9381, 68.0915

Achromatopsia

60.6036, 63.7597, 69.4343

Achromatomaly

59.5365, 64.6991, 69.0248

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.4584, 65.9381, 68.0915 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(189, 219, 206)` looks like.

```
.text, #text, p{  
    color:rgb(189, 219, 206)  
}
```

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(189, 219, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 219, 206) }
```

Border

The CSS property to change the border of an element to XYZ 57.4584, 65.9381, 68.0915 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(189, 219, 206) }
```


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

```
.border{ border-color:rgb(189, 219, 206) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 219, 206)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 219, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 219, 206);  
box-shadow:4px 4px 4px 4px rgb(189, 219,  
206) }
```

Background

The CSS property to change the background color of an element to XYZ 57.4584, 65.9381, 68.0915 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 219, 206) }
```

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

```
.background{ background-color: rgb(189,  
219, 206) }
```

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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