

Converting Colors

XYZ(57.0348, 64.9108, 69.7051)

Have a look what the booklet for
XYZ(57.0348, 64.9108, 69.7051)
contains.

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Color

**XYZ(57.0605, 64.9205,
69.8451)**

Conversions

Conversions Part 1

Format	Color
Hex	BCD9D1
RGB	188, 217, 209
RGB Percent	74%, 85%, 82%
CMY	0.2627, 0.1490, 0.1804
CMYK	0.13, 0.00, 0.04, 0.15
HSL	163°, 28%, 79%
HSV	163°, 13%, 85%
XYZ	57.0605, 64.9205, 69.8451
YIQ	207.4170, -14.7160, -8.6360

Conversions

Conversions Part 2

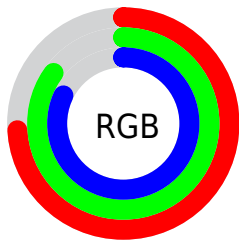
Format	Color
R _Y B	188, 205, 217
Decimal	12376529
CIE Lab	84.44, -11.15, 0.69
CIE LCh	84, 11.168, 176.455
Yxy	64.9205, 0.2975, 0.3384
Android (android.graphics.Color)	4290566609 (0xFFBCD9D1)
YUV	207.4170, 0.7804, -17.0287
Hunter-Lab	80.5733, -14.5928, 5.0056

Details

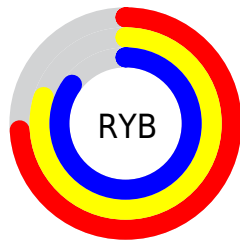
The XYZ color **57.0605, 64.9205, 69.8451** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **56.5646, 54.7054, 59.8054**, and the grayscale version is **59.5805, 62.6833, 68.2621**.

A 20% lighter version of the original color is **91.1182, 97.9731, 108.7160**, and **28.6682, 33.2756, 35.9222** is the 20% darker color. If you saturate the color by 10%, you get **51.3843, 62.0801, 65.7828**, and if you desaturate by 10%, it is **63.5721, 68.1918, 74.0947**.

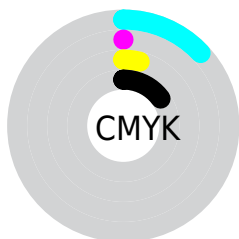
Distribution



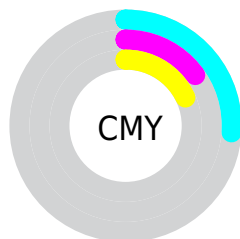
- Red (74%)
- Green (85%)
- Blue (82%)



- Red (74%)
- Yellow (80%)
- Blue (85%)



- Cyan (13%)
- Magenta (0%)
- Yellow (4%)
- Black (15%)



- Cyan (26%)
- Magenta (15%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 57.0605, 64.9205, 69.8451 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 57.0605, 64.9205, 69.8451 by changing the saturation by 10% instead.

■ 57.0605, 64.9205,
69.8451

■ 57.0605, 64.9205,
69.8451

403.6865,
442.5062, 478.7804

■ 41.2941, 47.3966,
50.9242

■ 99.6843, 111.9356,
120.6669

■ 28.7377, 33.3493,
35.7720

127.2725,
142.1955, 153.4049

■ 19.0258, 22.3942,
23.9699

159.5320,
177.4696, 191.5857

■ 11.7930, 14.1468,
15.0993

196.8281,
218.1423, 235.6278

■ 6.6741, 8.2229,
8.7417

239.5263,
264.5979, 285.9498

■ 3.3036, 4.2379,
4.4786

287.9918,

■ 1.3163, 1.8075,

317.2208, 342.9702

1.8914

342.5901,
376.3955, 407.1075

■ 0.1954, 0.4918,
0.4872

■ 0.0000, 0.0000,
0.0000

■ 57.0605, 64.9205,
69.8451

■ 57.0605, 64.9205,
69.8451

■ 51.3843, 62.0801,
65.7828

■ 63.5721, 68.1918,
74.0947

■ 46.5018, 59.6440,
61.9002

■ 70.9474, 71.9034,
78.5304

■ 42.3763, 57.5949,
58.1953

■ 79.2200, 76.0743,
83.1567

■ 38.9655, 55.9112,
54.6645

■ 80.7554, 76.7687,
87.6177

■ 36.2231, 54.5690,
51.3041

■ 81.6254, 77.1167,
92.1992

■ 34.0972, 53.5416,
48.1098

■ 82.5248, 77.4764,
96.9350

■ 32.5280, 52.7981,
45.0772

■ 83.4537, 77.8480,
101.8266

■ 31.4430, 52.3013,
42.2011

■ 84.1041, 78.1081,
105.2514

■ 30.9105, 52.0667,
40.3746

Harmonies

Analogous

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



57.8100, 64.9205, 63.3962



57.0605, 64.9205, 69.8451



57.5277, 64.9205, 76.9567

Triad

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



57.0605, 64.9205, 69.8451



63.8569, 64.9205, 83.6519



64.3816, 64.9205, 59.8907

Complementary

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



57.0605, 64.9205, 69.8451



56.5646, 54.7054, 59.8054

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.



66.0797, 64.9205, 64.7682



57.0605, 64.9205, 69.8451



65.7711, 64.9205, 78.5172

Square

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



57.0605, 64.9205, 69.8451



61.4102, 64.9205, 85.2347



66.5949, 64.9205, 71.5364



62.0007, 64.9205, 57.8973

Rectangle

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



57.0605, 64.9205, 69.8451



58.4733, 64.9205, 81.0708



66.5949, 64.9205, 71.5364



65.0536, 64.9205, 61.2307

Sweetspot

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



57.0623, 64.9232, 69.8465



90.9465, 97.9366, 106.3598



56.7134, 65.0242, 57.1398



19.3060, 20.8819, 22.6642



0.0000, 0.0000, 0.0000



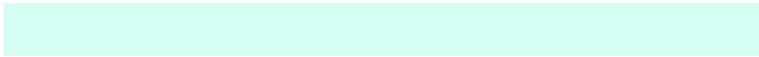
20.3446, 21.4041, 23.3091

Same Dimension

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



57.0623, 64.9232, 69.8465



79.8399, 92.3622, 99.0021



56.4894, 62.1515, 74.6679



13.2836, 14.7651, 15.9563



18.7574, 31.5356, 24.6857



1.2509, 2.0573, 1.7873

Inverse Universe

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



56.5646, 54.7054, 59.8054



78.9905, 74.9157, 81.8594



57.0494, 57.0942, 55.5914



13.2029, 13.1103, 14.3299



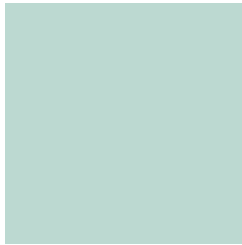
17.8525, 9.1421, 3.6036



1.1927, 0.6067, 0.4238

Previews

White Background



This preview shows how the XYZ color 57.0605, 64.9205, 69.8451 looks on a white background.

Color Contrast Check

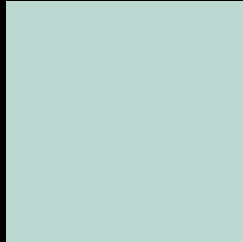
Large Text (above 18pt) WCAG AA × Fail

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 57.0605, 64.9205, 69.8451 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

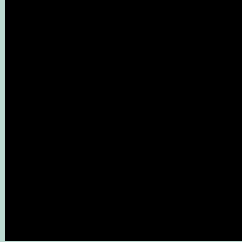
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

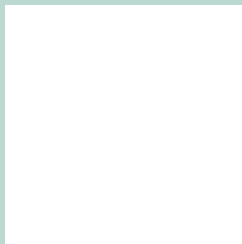
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 57.0605, 64.9205, 69.8451

Background



This preview shows how black text looks on a background with the XYZ color 57.0605, 64.9205, 69.8451.



This preview shows how white text looks on a background with the XYZ color 57.0605, 64.9205,

69.8451.

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



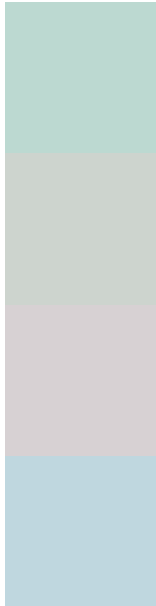
Original Color
57.0605, 64.9205, 69.8451
Protanopia
61.8442, 64.4558, 66.9393
Deuteranopia
66.1097, 64.7622, 71.3034



Tritanopia

60.2086, 65.0691, 84.9876

Trichromacy



Original Color

57.0605, 64.9205, 69.8451

Protanomaly

59.8609, 64.5223, 67.6916

Deuteranomaly

62.5827, 64.7512, 70.8278

Tritanomaly

59.1056, 65.0050, 79.2441

Monochromacy



Original Color

57.0605, 64.9205, 69.8451

Achromatopsia

59.3074, 62.3960, 67.9493

Achromatomaly

58.4988, 63.4220, 68.8330

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.0605, 64.9205, 69.8451 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(188, 217, 209)` looks like.

```
.text, #text, p{  
    color:rgb(188, 217, 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(188, 217, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 217, 209) }
```

Border

The CSS property to change the border of an element to XYZ 57.0605, 64.9205, 69.8451 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(188, 217, 209) }
```


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

```
.border{ border-color:rgb(188, 217, 209) }
```

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

Here you see how a box with a 4 pixel rgb(188, 217, 209) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 217, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 217, 209);  
box-shadow:4px 4px 4px 4px rgb(188, 217,  
209) }
```

Background

The CSS property to change the background color of an element to XYZ 57.0605, 64.9205, 69.8451 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 217, 209) }
```

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

```
.background{ background-color: rgb(188,  
217, 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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