

Converting Colors

XYZ(58.6307, 65.2843, 71.6809)

Have a look what the booklet for
XYZ(58.6307, 65.2843, 71.6809)
contains.

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Color

**XYZ(58.6877, 65.3345,
71.8050)**

Conversions

Conversions Part 1

Format	Color
Hex	C2D8D4
RGB	194, 216, 212
RGB Percent	76%, 85%, 83%
CMY	0.2392, 0.1529, 0.1686
CMYK	0.10, 0.00, 0.02, 0.15
HSL	169°, 22%, 80%
HSV	169°, 10%, 85%
XYZ	58.6877, 65.3345, 71.8050
YIQ	208.9660, -11.8280, -5.9080

Conversions

Conversions Part 2

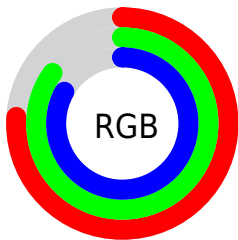
Format	Color
RYB	194, 206, 216
Decimal	12769492
CIELab	84.66, -8.09, -0.54
CIELCh	85, 8.111, 183.821
Yxy	65.3345, 0.2997, 0.3336
Android (android.graphics.Color)	4290959572 (0xFFC2D8D4)
YUV	208.9660, 1.4958, -13.1252
Hunter-Lab	80.8298, -11.8494, 3.9106

Details

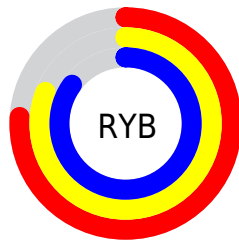
The XYZ color **58.6877, 65.3345, 71.8050** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **57.8061, 57.2616, 61.4350**, and the grayscale version is **60.5798, 63.7346, 69.4070**.

A 20% lighter version of the original color is **93.5937, 99.2492, 108.8318**, and **29.6459, 33.4995, 36.8018** is the 20% darker color. If you saturate the color by 10%, you get **53.0526, 62.4879, 68.9859**, and if you desaturate by 10%, it is **65.1444, 68.6069, 74.7283**.

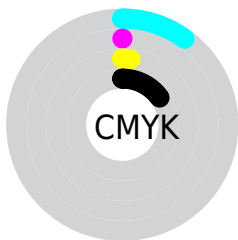
Distribution



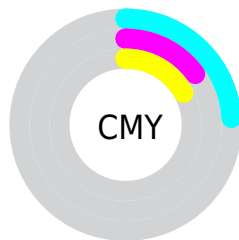
- Red (76%)
- Green (85%)
- Blue (83%)



- Red (76%)
- Yellow (81%)
- Blue (85%)



- Cyan (10%)
- Magenta (0%)
- Yellow (2%)
- Black (15%)



- Cyan (24%)
- Magenta (15%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 58.6877, 65.3345, 71.8050 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 58.6877, 65.3345, 71.8050 by changing the saturation by 10% instead.

■ 58.6877, 65.3345,
71.8050

■ 58.6877, 65.3345,
71.8050

409.6563,
443.9930, 485.8219

■ 42.6072, 47.7324,
52.5135

■ 102.0409,
112.5306, 123.4844

■ 29.7702, 33.6150,
37.0295

130.0442,
142.8934, 156.7094

■ 19.8114, 22.5980,
24.9344

162.7525,
178.2785, 195.4160

■ 12.3655, 14.2969,
15.8096

200.5312,
219.0704, 240.0227

■ 7.0671, 8.3275,
9.2366

243.7455,
265.6534, 290.9482

■ 3.5508, 4.3052,
4.7969

292.7609,

■ 1.4513, 1.8457,

318.4119, 348.6108

2.0720

347.9427,
377.7303, 413.4292

■ 0.2923, 0.5154,
0.5990

■ 0.0000, 0.0000,
0.0000

■ 58.6877, 65.3345,
71.8050

■ 58.6877, 65.3345,
71.8050

■ 53.0526, 62.4879,
68.9859

■ 65.1444, 68.6069,
74.7283

■ 48.1987, 60.0408,
66.2646

■ 72.4498, 72.3135,
77.7533

■ 44.0909, 57.9770,
63.6403

■ 79.2233, 75.7446,
80.8174

■ 40.6888, 56.2756,
61.1106

■ 79.7620, 75.9601,
83.6539

37.9483, 54.9139,
58.6732

80.3130, 76.1805,
86.5558

35.8201, 53.8666,
56.3252

80.8766, 76.4059,
89.5233

34.2483, 53.1047,
54.0634

81.4527, 76.6364,
92.5570

33.1661, 52.5940,
51.8845

82.0414, 76.8719,
95.6573

32.4635, 52.2767,
49.8205

82.6429, 77.1124,
98.8245

Harmonies

Analogous

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



59.0250, 65.3345, 66.8276



58.6877, 65.3345, 71.8050



59.2496, 65.3345, 76.8359

Triad

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



58.6877, 65.3345, 71.8050



64.0573, 65.3345, 79.7510



63.6478, 65.3345, 62.5567

Complementary

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



58.6877, 65.3345, 71.8050



57.8061, 57.2616, 61.4350

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.



65.0372, 65.3345, 65.7293



58.6877, 65.3345, 71.8050



65.2769, 65.3345, 75.6302

Square

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



58.6877, 65.3345, 71.8050



62.3309, 65.3345, 81.5623



65.6389, 65.3345, 70.4755



61.8667, 65.3345, 61.6424

Rectangle

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



58.6877, 65.3345, 71.8050



60.0651, 65.3345, 79.4973



65.6389, 65.3345, 70.4755



64.1773, 65.3345, 63.3866

Sweetspot

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



58.6896, 65.3372, 71.8064



92.0680, 98.4885, 107.5950



57.5930, 65.0199, 60.5547



19.5398, 20.9962, 22.9556



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.



58.6896, 65.3372, 71.8064



83.7911, 94.2979, 103.7619



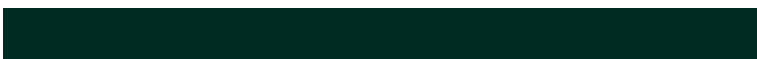
57.4535, 62.0469, 73.9170



12.6907, 14.0673, 15.4518



19.2510, 30.9557, 29.6810



1.1870, 1.8774, 1.9262

Inverse Universe

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



57.8061, 57.2616, 61.4350



82.2816, 80.4979, 86.0398



58.9376, 60.2538, 59.5639



12.5146, 12.4573, 13.3842



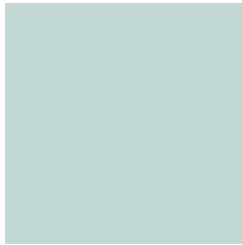
17.0104, 8.7405, 2.0927



1.0542, 0.5385, 0.2749

Previews

White Background



This preview shows how the XYZ color 58.6877, 65.3345, 71.8050 looks on a white background.

Color Contrast Check

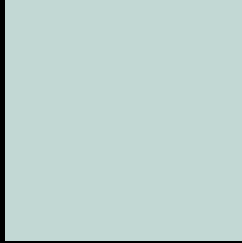
Large Text (above 18pt) WCAG AA × Fail

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 58.6877, 65.3345, 71.8050 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

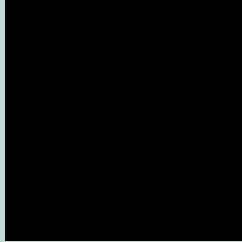
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

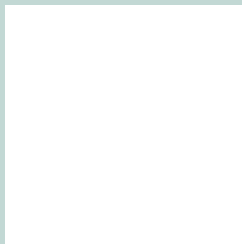
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 58.6877, 65.3345, 71.8050

Background



This preview shows how black text looks on a background with the XYZ color 58.6877, 65.3345, 71.8050.



This preview shows how white text looks on a background with the XYZ color 58.6877, 65.3345,

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

58.6877, 65.3345, 71.8050

Protanopia

62.5795, 65.1437, 69.5973

Deuteranopia

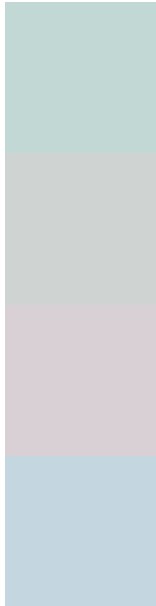
66.3636, 64.8638, 72.6405



Tritanopia

61.1031, 65.1720, 84.2219

Trichromacy



Original Color

58.6877, 65.3345, 71.8050

Protanomaly

60.9085, 65.0055, 70.3099

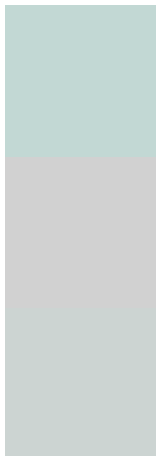
Deuteranomaly

63.1814, 64.6676, 72.1029

Tritanomaly

60.1308, 65.1566, 79.2193

Monochromacy



Original Color

58.6877, 65.3345, 71.8050

Achromatopsia

60.6036, 63.7597, 69.4343

Achromatomaly

60.0782, 64.5775, 70.2710

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.6877, 65.3345, 71.8050 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, 216, 212)` looks like.

```
.text, #text, p{  
    color:rgb(194, 216, 212)  
}
```

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, 216, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 216, 212) }
```

Border

The CSS property to change the border of an element to XYZ 58.6877, 65.3345, 71.8050 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, 216, 212) }
```


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

```
.border{ border-color:rgb(194, 216, 212) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 216, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 216, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 216, 212);  
box-shadow:4px 4px 4px 4px rgb(194, 216,  
212) }
```

Background

The CSS property to change the background color of an element to XYZ 58.6877, 65.3345, 71.8050 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 216, 212) }
```

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

```
.background{ background-color: rgb(194,  
216, 212) }
```

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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