

Converting Colors

XYZ(58.1242, 65.9429, 71.5886)

Have a look what the booklet for
XYZ(58.1242, 65.9429, 71.5886)
contains.

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Color

**XYZ(58.0645, 65.7931,
71.2670)**

Conversions

Conversions Part 1

Format	Color
Hex	BEDAD3
RGB	190, 218, 211
RGB Percent	75%, 85%, 83%
CMY	0.2549, 0.1451, 0.1725
CMYK	0.13, 0.00, 0.03, 0.15
HSL	165°, 27%, 80%
HSV	165°, 13%, 85%
XYZ	58.0645, 65.7931, 71.2670
YIQ	208.8300, -14.4410, -8.1130

Conversions

Conversions Part 2

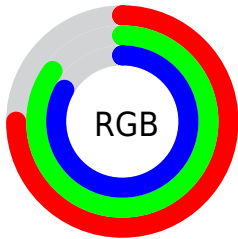
Format	Color
R _Y B	190, 206, 218
Decimal	12507859
CIE Lab	84.89, -10.62, 0.30
CIE LCh	85, 10.623, 178.380
Yxy	65.7931, 0.2976, 0.3372
Android (android.graphics.Color)	4290697939 (0xFFBEDAD3)
YUV	208.8300, 1.0698, -16.5139
Hunter-Lab	81.1129, -14.1689, 4.6860

Details

The XYZ color **58.0645, 65.7931, 71.2670** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **57.4073, 55.7653, 60.5645**, and the grayscale version is **60.4951, 63.6455, 69.3100**.

A 20% lighter version of the original color is **91.8160, 98.3328, 108.7487**, and **29.3363, 33.8629, 36.8883** is the 20% darker color. If you saturate the color by 10%, you get **52.3499, 62.9266, 67.4929**, and if you desaturate by 10%, it is **64.6205, 69.0943, 75.2043**.

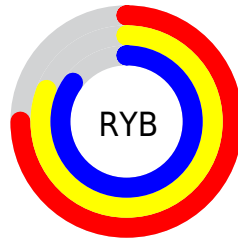
Distribution



Red (75%)

Green (85%)

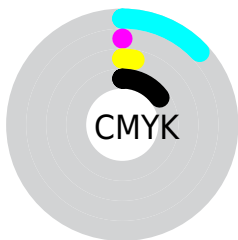
Blue (83%)



Red (75%)

Yellow (81%)

Blue (85%)

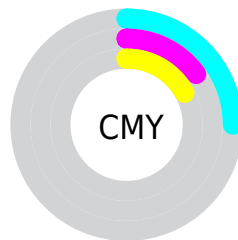


Cyan (13%)

Magenta (0%)

Yellow (3%)

Black (15%)



Cyan (25%)

Magenta (15%)

Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 58.0645, 65.7931, 71.2670 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 58.0645, 65.7931, 71.2670 by changing the saturation by 10% instead.

■ 58.0645, 65.7931,
71.2670

■ 58.0645, 65.7931,
71.2670

407.3762,
445.6366, 483.8950

■ 42.1040, 48.1045,
52.0769

■ 101.1392,
113.1893, 122.7118

■ 29.3742, 33.9096,
36.6837

128.9841,
143.6657, 155.8037

■ 19.5098, 22.8242,
24.6689

161.5211,
179.1735, 194.3666

■ 12.1454, 14.4637,
15.6137

199.1157,
220.0970, 238.8190

■ 6.9157, 8.4439,
9.0999

242.1331,
266.8206, 289.5795

■ 3.4553, 4.3803,
4.7087

290.9388,

■ 1.3988, 1.8885,

319.7289, 347.0667

2.0216

345.8980,
379.2061, 411.6990

■ 0.2554, 0.5414,
0.5685

■ 0.0000, 0.0000,
0.0000

■ 58.0645, 65.7931,
71.2670

■ 58.0645, 65.7931,
71.2670

■ 52.3499, 62.9266,
67.4929

■ 64.6205, 69.0943,
75.2043

■ 47.4348, 60.4677,
63.8747


■ 72.0462, 72.8394,
79.3031


■ 43.2821, 58.3993,
60.4108


■ 80.2272, 76.9711,
83.5606


■ 39.8495, 56.6995,
57.0980


■ 80.9934, 77.2776,
87.5956

 37.0905, 55.3444,
53.9330


 81.7837, 77.5937,
91.7573


 34.9530, 54.3071,
50.9120


 82.5983, 77.9195,
96.0468


 33.3770, 53.5568,
48.0310

 83.4374, 78.2551,
100.4653

 32.2902, 53.0562,
45.2852

 84.3011, 78.6006,
105.0138

 31.7270, 52.8070,
43.3988

 84.3626, 78.6252,
105.3375

Harmonies

Analogous

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



58.7127, 65.7931, 64.9745



58.0645, 65.7931, 71.2670



58.5885, 65.7931, 78.0585

Triad

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



58.0645, 65.7931, 71.2670



64.7379, 65.7931, 83.8161



64.9679, 65.7931, 61.0327

Complementary

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



58.0645, 65.7931, 71.2670



57.4073, 55.7653, 60.5645

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.



66.6535, 65.7931, 65.5787



58.0645, 65.7931, 71.2670



66.5184, 65.7931, 78.7411

Square

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



58.0645, 65.7931, 71.2670



62.4049, 65.7931, 85.5737



67.2279, 65.7931, 72.0093



62.6640, 65.7931, 59.3030

Rectangle

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



58.0645, 65.7931, 71.2670



59.5397, 65.7931, 81.9035



67.2279, 65.7931, 72.0093



65.6278, 65.7931, 62.2673

Sweetspot

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



58.0664, 65.7959, 71.2685



90.9884, 97.9533, 106.5803



57.5161, 65.7968, 58.3849



19.3166, 20.8861, 22.7201



0.0000, 0.0000, 0.0000



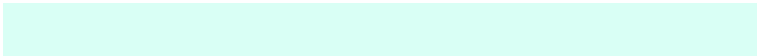
20.3446, 21.4041, 23.3091

Same Dimension

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



58.0664, 65.7959, 71.2685



80.8488, 92.8526, 100.3952



57.3026, 62.8324, 75.4406



13.2985, 14.7710, 16.0347



19.0520, 31.6534, 26.2369



1.2679, 2.0641, 1.8770

Inverse Universe

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



57.4073, 55.7653, 60.5645



79.7593, 76.2653, 82.6959



58.0703, 58.3460, 56.9176



13.1890, 13.1047, 14.2563



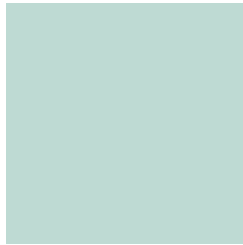
17.7650, 9.1070, 3.1423



1.1854, 0.6038, 0.3854

Previews

White Background



This preview shows how the XYZ color 58.0645, 65.7931, 71.2670 looks on a white background.

Color Contrast Check

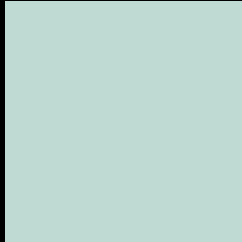
Large Text (above 18pt) WCAG AA × Fail

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 58.0645, 65.7931, 71.2670 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

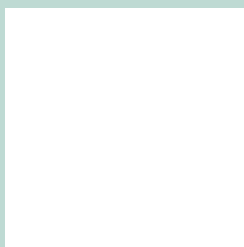
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 58.0645, 65.7931, 71.2670

Background



This preview shows how black text looks on a background with the XYZ color 58.0645, 65.7931, 71.2670.



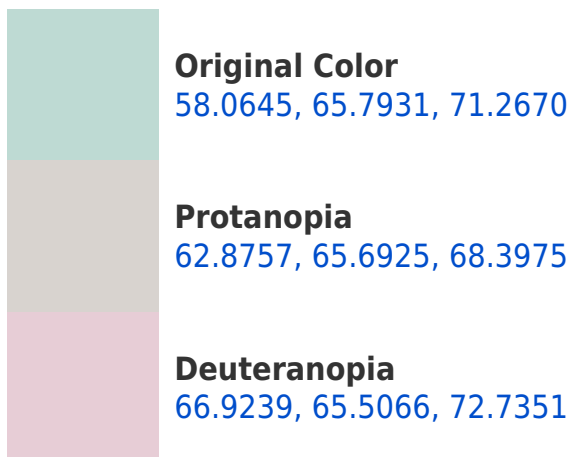
This preview shows how white text looks on a background with the XYZ color 58.0645, 65.7931,

71.2670.

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

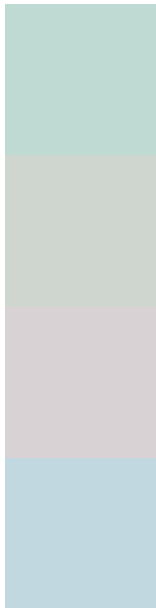




Tritanopia

61.1141, 65.8964, 85.8422

Trichromacy



Original Color

58.0645, 65.7931, 71.2670

Protanomaly

61.1639, 65.9126, 69.1732

Deuteranomaly

63.3757, 65.4962, 72.2526

Tritanomaly

60.0027, 65.8310, 80.0652

Monochromacy



Original Color

58.0645, 65.7931, 71.2670

Achromatopsia

60.6036, 63.7597, 69.4343

Achromatomaly

59.5335, 64.2967, 70.2455

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.0645, 65.7931, 71.2670 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(190, 218, 211)` looks like.

```
.text, #text, p{  
    color:rgb(190, 218, 211)  
}
```

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(190, 218, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 218, 211) }
```

Border

The CSS property to change the border of an element to XYZ 58.0645, 65.7931, 71.2670 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(190, 218, 211) }
```


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

```
.border{ border-color:rgb(190, 218, 211) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 218, 211)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 218, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 218, 211);  
box-shadow:4px 4px 4px 4px rgb(190, 218,  
211) }
```

Background

The CSS property to change the background color of an element to XYZ 58.0645, 65.7931, 71.2670 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 218, 211) }
```

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

```
.background{ background-color: rgb(190,  
218, 211) }
```

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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