

Converting Colors

XYZ(51.5299, 58.3889, 65.0018)

Have a look what the booklet for
XYZ(51.5299, 58.3889, 65.0018)
contains.

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Color

**XYZ(51.6827, 58.5211,
65.0717)**

Conversions

Conversions Part 1

Format	Color
Hex	B3CFCB
RGB	179, 207, 203
RGB Percent	70%, 81%, 80%
CMY	0.2980, 0.1882, 0.2039
CMYK	0.14, 0.00, 0.02, 0.19
HSL	171°, 23%, 76%
HSV	171°, 14%, 81%
XYZ	51.6827, 58.5211, 65.0717
YIQ	198.1720, -15.4040, -7.1800

Conversions

Conversions Part 2

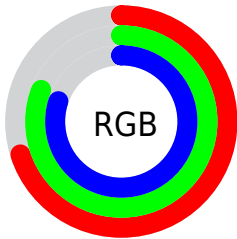
Format	Color
RYB	179, 194, 207
Decimal	11784139
CIELab	81.03, -10.12, -1.18
CIELCh	81, 10.185, 186.625
Yxy	58.5211, 0.2949, 0.3339
Android (android.graphics.Color)	4289974219 (0xFFB3CFCB)
YUV	198.1720, 2.3802, -16.8138
Hunter-Lab	76.4991, -13.2790, 3.1161

Details

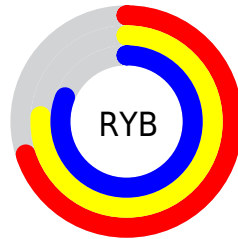
The XYZ color **51.6827, 58.5211, 65.0717** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **50.4015, 48.9260, 51.5895**, and the grayscale version is **53.7751, 56.5756, 61.6108**.

A 20% lighter version of the original color is **88.0709, 96.4022, 108.5734**, and **25.4202, 29.3880, 32.7664** is the 20% darker color. If you saturate the color by 10%, you get **46.9041, 56.0996, 63.0259**, and if you desaturate by 10%, it is **57.1896, 61.3205, 67.1892**.

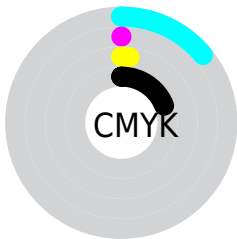
Distribution



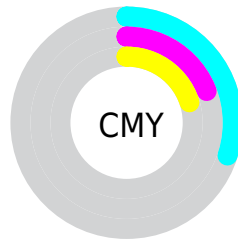
- Red (70%)
- Green (81%)
- Blue (80%)



- Red (70%)
- Yellow (76%)
- Blue (81%)



- Cyan (14%)
- Magenta (0%)
- Yellow (2%)
- Black (19%)



- Cyan (30%)
- Magenta (19%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 51.6827, 58.5211, 65.0717 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 51.6827, 58.5211, 65.0717 by changing the saturation by 10% instead.

■ 51.6827, 58.5211,
65.0717

■ 51.6827, 58.5211,
65.0717

383.5545,
419.1249, 461.3628

■ 36.9755, 42.2277,
47.0675

■ 91.8401, 102.6813,
113.7672

■ 25.3621, 29.2796,
32.7343

118.0210,
131.3169, 145.2956

■ 16.4772, 19.2925,
21.6535

148.7572,
164.8354, 182.1691

■ 9.9554, 11.8818,
13.4067

184.4140,
203.6212, 224.8063

■ 5.4315, 6.6632,
7.5752

225.3568,
248.0586, 273.6258

■ 2.5399, 3.2524,
3.7405

271.9509,

■ 0.9154, 1.2649,

298.5321, 329.0460

1.4841

324.5617,
355.4261, 391.4855

■ 0.0000, 0.1138,
0.2060

■ 0.0000, 0.0000,
0.0000

■ 51.6827, 58.5211,
65.0717

■ 51.6827, 58.5211,
65.0717

■ 46.9041, 56.0996,
63.0259

■ 57.1896, 61.3205,
67.1892

■ 42.8168, 54.0321,
61.0461


■ 63.4498, 64.5058,
69.3761


■ 39.3882, 52.3034,
59.1319


■ 70.4931, 68.0940,
71.6351


■ 36.5810, 50.8943,
57.2814


■ 75.7987, 70.7857,
73.8486

 34.3542, 49.7836,
55.4923

 76.1822, 70.9391,
75.8675


 32.6616, 48.9476,
53.7625


 76.5725, 71.0952,
77.9229


 31.4502, 48.3589,
52.0891

 76.9697, 71.2541,
80.0149

 30.6559, 47.9844,
50.4690

 77.3740, 71.4158,
82.1436

 30.2911, 47.8186,
49.4453

 77.7852, 71.5803,
84.3093

Harmonies

Analogous

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



51.9750, 58.5211, 59.2126



51.6827, 58.5211, 65.0717



52.4244, 58.5211, 70.9180

Triad

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



51.6827, 58.5211, 65.0717



58.0823, 58.5211, 73.5240



57.2505, 58.5211, 53.6221

Complementary

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



51.6827, 58.5211, 65.0717



50.4015, 48.9260, 51.5895

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.



58.9482, 58.5211, 57.0254



51.6827, 58.5211, 65.0717



59.4369, 58.5211, 68.4496

Square

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



51.6827, 58.5211, 65.0717



56.0927, 58.5211, 75.9936



59.7577, 58.5211, 62.3862



55.1550, 58.5211, 52.8438

Rectangle

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



51.6827, 58.5211, 65.0717



53.4168, 58.5211, 73.9413



59.7577, 58.5211, 62.3862



57.8882, 58.5211, 54.4861

Sweetspot

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



51.6844, 58.5235, 65.0730



91.1626, 98.0230, 107.4974



50.0273, 57.9746, 51.2023



19.3608, 20.9038, 22.9528



0.0000, 0.0000, 0.0000



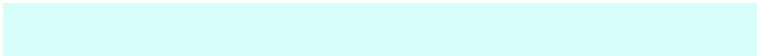
20.3446, 21.4041, 23.3091

Same Dimension

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



51.6844, 58.5235, 65.0730



80.6751, 92.6963, 103.4000



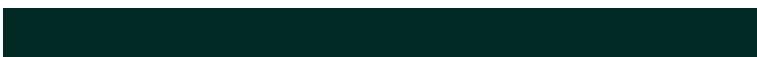
49.8663, 54.1141, 66.8511



12.0827, 13.3768, 14.7917



19.1107, 30.1372, 31.2927



1.0889, 1.6932, 1.8570

Inverse Universe

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



50.4015, 48.9260, 51.5895



78.2597, 74.6234, 78.0115



52.0254, 52.8311, 50.1042



11.8766, 11.8354, 12.6260



16.3779, 8.4240, 1.6301



0.9384, 0.4801, 0.2107

Previews

White Background



This preview shows how the XYZ color 51.6827, 58.5211, 65.0717 looks on a white background.

Color Contrast Check

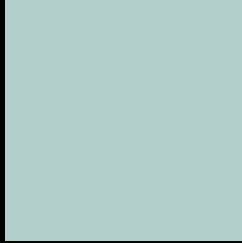
Large Text (above 18pt) WCAG AA × Fail

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 51.6827, 58.5211, 65.0717 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

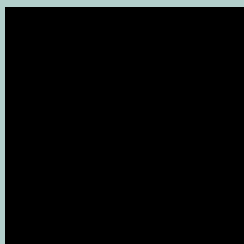
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

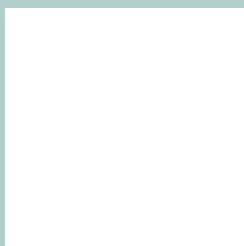
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 51.6827, 58.5211, 65.0717

Background



This preview shows how black text looks on a background with the XYZ color 51.6827, 58.5211, 65.0717.

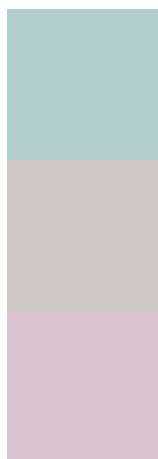


This preview shows how white text looks on a background with the XYZ color 51.6827, 58.5211,

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

51.6827, 58.5211, 65.0717

Protanopia

56.1399, 58.4112, 62.3484

Deuteranopia

59.5691, 58.3919, 66.5236



Tritanopia

53.9354, 58.3513, 76.8268

Trichromacy



Original Color

51.6827, 58.5211, 65.0717

Protanomaly

54.5462, 58.6178, 63.0830

Deuteranomaly

56.3447, 58.0920, 66.0008

Tritanomaly

53.0250, 58.3414, 72.0846

Monochromacy



Original Color

51.6827, 58.5211, 65.0717

Achromatopsia

53.6758, 56.4712, 61.4971

Achromatomaly

52.7978, 57.0198, 62.8668

CSS Examples

Text

The CSS property to change the color of the text to XYZ 51.6827, 58.5211, 65.0717 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(179, 207, 203)` looks like.

```
.text, #text, p{  
    color:rgb(179, 207, 203)  
}
```

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(179, 207, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 207, 203) }
```

Border

The CSS property to change the border of an element to XYZ 51.6827, 58.5211, 65.0717 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(179, 207, 203) }
```


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

```
.border{ border-color:rgb(179, 207, 203) }
```

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

Here you see how a box with a 4 pixel `rgb(179, 207, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(179, 207, 203); -webkit-box-shadow:4px 4px 4px 4px rgb(179, 207, 203); box-shadow:4px 4px 4px 4px rgb(179, 207, 203) }
```

Background

The CSS property to change the background color of an element to XYZ 51.6827, 58.5211, 65.0717 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 207, 203) }
```

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

```
.background{ background-color: rgb(179,  
207, 203) }
```

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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