

Converting Colors

XYZ(51.9088, 58.2794, 65.0160)

Have a look what the booklet for
XYZ(51.9088, 58.2794, 65.0160)
contains.

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Color

**XYZ(51.9069, 58.2782,
65.0129)**

Conversions

Conversions Part 1

Format	Color
Hex	B5CECB
RGB	181, 206, 203
RGB Percent	71%, 81%, 80%
CMY	0.2902, 0.1921, 0.2039
CMYK	0.12, 0.00, 0.01, 0.19
HSL	173°, 20%, 76%
HSV	173°, 12%, 81%
XYZ	51.9069, 58.2782, 65.0129
YIQ	198.1830, -13.9370, -6.2330

Conversions

Conversions Part 2

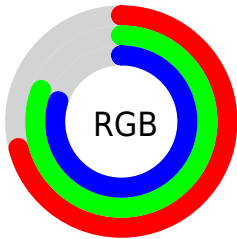
Format	Color
RYB	181, 194, 206
Decimal	11914955
CIELab	80.89, -8.95, -1.36
CIELCh	81, 9.051, 188.617
Yxy	58.2782, 0.2963, 0.3326
Android (android.graphics.Color)	4290105035 (0xFFB5CECB)
YUV	198.1830, 2.3748, -15.0695
Hunter-Lab	76.3402, -12.2256, 2.9455

Details

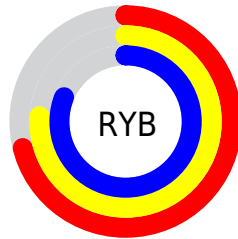
The XYZ color **51.9069, 58.2782, 65.0129** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **50.6314, 49.6319, 52.2615**, and the grayscale version is **53.7812, 56.5821, 61.6179**.

A 20% lighter version of the original color is **88.7351, 96.7445, 108.6045**, and **25.5551, 29.2156, 32.7260** is the 20% darker color. If you saturate the color by 10%, you get **47.1370, 55.8546, 63.2637**, and if you desaturate by 10%, it is **57.3990, 61.0767, 66.8229**.

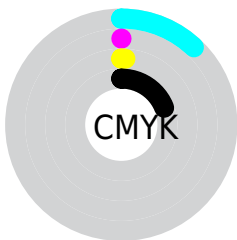
Distribution



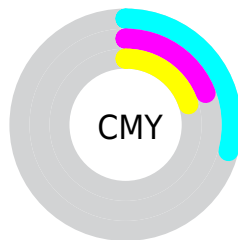
- Red (71%)
- Green (81%)
- Blue (80%)



- Red (71%)
- Yellow (76%)
- Blue (81%)



- Cyan (12%)
- Magenta (0%)
- Yellow (1%)
- Black (19%)



- Cyan (29%)
- Magenta (19%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 51.9069, 58.2782, 65.0129 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 51.9069, 58.2782, 65.0129 by changing the saturation by 10% instead.

■ 51.9069, 58.2782,
65.0129

■ 51.9069, 58.2782,
65.0129

384.4069,
418.2218, 461.1458

■ 37.1548, 42.0323,
47.0201

■ 92.1690, 102.3279,
113.6819

■ 25.5016, 29.1266,
32.6971

118.4097,
130.9005, 145.1951

■ 16.5819, 19.1766,
21.6253

149.2107,
164.3508, 182.0523

■ 10.0303, 11.7980,
13.3862

184.9373,
203.0632, 224.6719

■ 5.4815, 6.6063,
7.5611

225.9548,
247.4221, 273.4726

■ 2.5701, 3.2171,
3.7317

272.6287,

■ 0.9307, 1.2461,

297.8119, 328.8727

1.4794

325.3243,
354.6170, 391.2910

■ 0.0000, 0.0989,
0.2025

■ 0.0000, 0.0000,
0.0000

■ 51.9069, 58.2782,
65.0129

■ 51.9069, 58.2782,
65.0129

■ 47.1370, 55.8546,
63.2637

■ 57.3990, 61.0767,
66.8229

■ 43.0532, 53.7826,
61.5699

■ 63.6378, 64.2580,
68.6913

■ 39.6236, 52.0473,
59.9310

■ 70.6525, 67.8388,
70.6208

■ 36.8116, 50.6299,
58.3452

■ 75.3098, 70.2037,
72.4649

■ 34.5775, 49.5098,
56.8107

■ 75.6262, 70.3303,
74.1309

■ 32.8764, 48.6640,
55.3250

■ 75.9473, 70.4588,
75.8222

■ 31.6572, 48.0660,
53.8858

■ 76.2734, 70.5892,
77.5390

■ 30.8582, 47.6842,
52.4901

■ 76.6042, 70.7215,
79.2813

■ 30.4397, 47.4917,
51.4190

■ 76.9400, 70.8558,
81.0493

Harmonies

Analogous

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



52.1056, 58.2782, 59.7685



51.9069, 58.2782, 65.0129



52.6253, 58.2782, 70.1119

Triad

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



51.9069, 58.2782, 65.0129



57.6698, 58.2782, 71.8593



56.7151, 58.2782, 54.3278

Complementary

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



51.9069, 58.2782, 65.0129



50.6314, 49.6319, 52.2615

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.



58.2533, 58.2782, 57.2335



51.9069, 58.2782, 65.0129



58.8131, 58.2782, 67.2901

Square

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



51.9069, 58.2782, 65.0129



55.9330, 58.2782, 74.2081



59.0290, 58.2782, 61.9223



54.8539, 58.2782, 53.7944

Rectangle

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



51.9069, 58.2782, 65.0129



53.5374, 58.2782, 72.6733



59.0290, 58.2782, 61.9223



57.2883, 58.2782, 55.0513

Sweetspot

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



51.9086, 58.2806, 65.0142



91.1998, 98.0379, 107.6935



50.2608, 57.7129, 52.2078



19.3703, 20.9076, 23.0026



0.0000, 0.0000, 0.0000



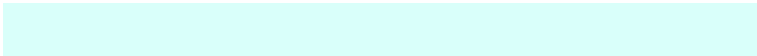
20.3446, 21.4041, 23.3091

Same Dimension

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



51.9086, 58.2806, 65.0142



81.6200, 93.1610, 104.4564



50.1269, 54.1389, 66.2033



11.4830, 12.7029, 14.1009



18.7668, 29.2520, 31.7866



0.9849, 1.5158, 1.7281

Inverse Universe

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



50.6314, 49.6319, 52.2615



79.0855, 75.9958, 79.1478



52.2457, 53.3591, 51.2628



11.2662, 11.2352, 11.9366



15.7990, 8.1302, 1.3941



0.8337, 0.4269, 0.1704

Previews

White Background



This preview shows how the XYZ color 51.9069, 58.2782, 65.0129 looks on a white background.

Color Contrast Check

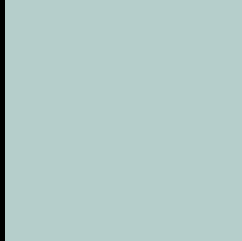
Large Text (above 18pt) WCAG AA × Fail

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 51.9069, 58.2782, 65.0129 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

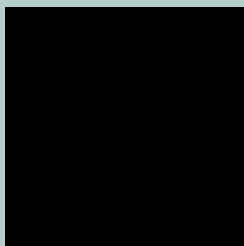
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

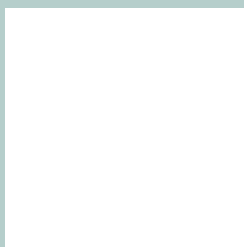
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 51.9069, 58.2782, 65.0129

Background



This preview shows how black text looks on a background with the XYZ color 51.9069, 58.2782, 65.0129.

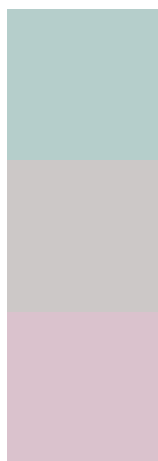


This preview shows how white text looks on a background with the XYZ color 51.9069, 58.2782,

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

51.9069, 58.2782, 65.0129

Protanopia

55.8649, 58.2694, 62.3356

Deuteranopia

59.2247, 57.8968, 65.8113



Tritanopia

54.0414, 58.0695, 76.0704

Trichromacy



Original Color

51.9069, 58.2782, 65.0129

Protanomaly

54.3108, 58.1470, 63.0046

Deuteranomaly

56.2700, 57.7269, 65.3034

Tritanomaly

53.2589, 58.1081, 72.0273

Monochromacy



Original Color

51.9069, 58.2782, 65.0129

Achromatopsia

53.6758, 56.4712, 61.4971

Achromatomaly

53.0502, 57.1499, 62.8786

CSS Examples

Text

The CSS property to change the color of the text to XYZ 51.9069, 58.2782, 65.0129 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(181, 206, 203)` looks like.

```
.text, #text, p{  
    color:rgb(181, 206, 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(181, 206, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 206, 203) }
```

Border

The CSS property to change the border of an element to XYZ 51.9069, 58.2782, 65.0129 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(181, 206, 203) }
```


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

```
.border{ border-color:rgb(181, 206, 203) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 206, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 206, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 206, 203);  
box-shadow:4px 4px 4px 4px rgb(181, 206,  
203) }
```

Background

The CSS property to change the background color of an element to XYZ 51.9069, 58.2782, 65.0129 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 206, 203) }
```

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

```
.background{ background-color: rgb(181,  
206, 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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