

Converting Colors

XYZ(52.9910, 59.9056, 65.8968)

Have a look what the booklet for
XYZ(52.9910, 59.9056, 65.8968)
contains.

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Color

**XYZ(52.9910, 59.9056,
65.8968)**

Conversions

Conversions Part 1

Format	Color
Hex	B6D1CC
RGB	182, 209, 204
RGB Percent	71%, 82%, 80%
CMY	0.2863, 0.1804, 0.2000
CMYK	0.13, 0.00, 0.02, 0.18
HSL	169°, 23%, 77%
HSV	169°, 13%, 82%
XYZ	52.9910, 59.9056, 65.8968
YIQ	200.3570, -14.4870, -7.2790

Conversions

Conversions Part 2

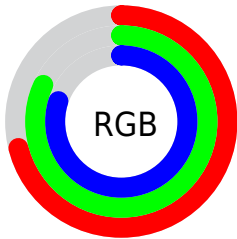
Format	Color
RYB	182, 197, 209
Decimal	11981260
CIELab	81.79, -9.97, -0.58
CIELCh	82, 9.991, 183.300
Yxy	59.9056, 0.2964, 0.3351
Android (android.graphics.Color)	4290171340 (0xFFB6D1CC)
YUV	200.3570, 1.7960, -16.0991
Hunter-Lab	77.3987, -13.2378, 3.6999

Details

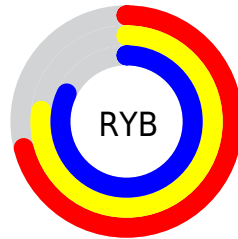
The XYZ color **52.9910, 59.9056, 65.8968** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **51.9943, 50.6008, 54.0430**, and the grayscale version is **55.1168, 57.9872, 63.1480**.

A 20% lighter version of the original color is **89.0699, 96.9171, 108.6201**, and **26.2796, 30.3118, 33.3198** is the 20% darker color. If you saturate the color by 10%, you get **47.9604, 57.3669, 63.2680**, and if you desaturate by 10%, it is **58.7732, 62.8337, 68.6236**.

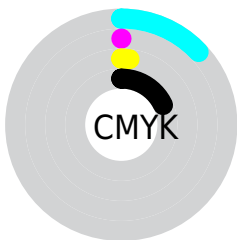
Distribution



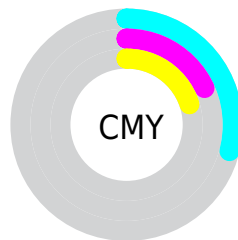
- Red (71%)
- Green (82%)
- Blue (80%)



- Red (71%)
- Yellow (77%)
- Blue (82%)



- Cyan (13%)
- Magenta (0%)
- Yellow (2%)
- Black (18%)



- Cyan (29%)
- Magenta (18%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 52.9910, 59.9056, 65.8968 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 52.9910, 59.9056, 65.8968 by changing the saturation by 10% instead.

■ 52.9910, 59.9056,
65.8968

■ 52.9910, 59.9056,
65.8968

388.5120,
424.2497, 464.4018

■ 38.0230, 43.3425,
47.7327

■ 93.7567, 104.6927,
114.9638

■ 26.1779, 30.1540,
33.2568

120.2852,
133.6856, 146.7037

■ 17.0901, 19.9555,
22.0505

151.3979,
167.5905, 183.8060

■ 10.3945, 12.3627,
13.6953

187.4602,
206.7919, 226.6893

■ 5.7255, 6.9912,
7.7727

228.8373,
251.6741, 275.7719

■ 2.7180, 3.4566,
3.8642

275.8948,

■ 1.0064, 1.3745,

302.6215, 331.4725

1.5511

328.9979,
360.0186, 394.2097

■ 0.0000, 0.1978,
0.2556

■ 0.0000, 0.0000,
0.0000

■ 52.9910, 59.9056,
65.8968

■ 52.9910, 59.9056,
65.8968

■ 47.9604, 57.3669,
63.2680

■ 58.7732, 62.8337,
68.6236

■ 43.6438, 55.1932,
60.7312

■ 65.3326, 66.1596,
71.4462

■ 40.0078, 53.3692,
58.2856

■ 72.6997, 69.9004,
74.3678

■ 37.0143, 51.8750,
55.9291

■ 76.8924, 72.0034,
77.2024

■ 34.6216, 50.6893,
53.6593

■ 77.4098, 72.2104,
79.9269

■ 32.7828, 49.7879,
51.4735

■ 77.9392, 72.4221,
82.7144

■ 31.4440, 49.1429,
49.3687

■ 78.4805, 72.6387,
85.5652

■ 30.5403, 48.7210,
47.3414

■ 79.0340, 72.8600,
88.4798

■ 30.0839, 48.5160,
45.9489

■ 79.5997, 73.0863,
91.4585

Harmonies

Analogous

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



53.3972, 59.9056, 60.1541



52.9910, 59.9056, 65.8968



53.6208, 59.9056, 71.8030

Triad

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



52.9910, 59.9056, 65.8968



59.1906, 59.9056, 75.4073



58.7773, 59.9056, 55.4060

Complementary

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



52.9910, 59.9056, 65.8968



51.9943, 50.6008, 54.0430

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.



60.3902, 59.9056, 59.0653



52.9910, 59.9056, 65.8968



60.6330, 59.9056, 70.5775

Square

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



52.9910, 59.9056, 65.8968



57.1719, 59.9056, 77.5025



61.0773, 59.9056, 64.5618



56.7057, 59.9056, 54.3214

Rectangle

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



52.9910, 59.9056, 65.8968



54.5527, 59.9056, 74.9734



61.0773, 59.9056, 64.5618



59.3928, 59.9056, 56.3642

Sweetspot

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



52.9927, 59.9081, 65.8981



91.0936, 97.9954, 107.1344



51.8374, 59.5962, 53.0282



19.3433, 20.8968, 22.8607



0.0000, 0.0000, 0.0000



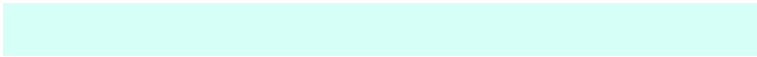
20.3446, 21.4041, 23.3091

Same Dimension

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



52.9927, 59.9081, 65.8981



80.4066, 92.5889, 101.9864



51.6653, 56.2774, 68.4640



12.0605, 13.3679, 14.6750



18.5820, 29.9257, 28.5084



1.0639, 1.6832, 1.7254

Inverse Universe

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



51.9943, 50.6008, 54.0430



78.4898, 74.7155, 79.2228



53.1752, 53.8049, 51.8399



11.8969, 11.8435, 12.7331



16.4621, 8.4577, 2.0737



0.9479, 0.4839, 0.2605

Previews

White Background



This preview shows how the XYZ color 52.9910, 59.9056, 65.8968 looks on a white background.

Color Contrast Check

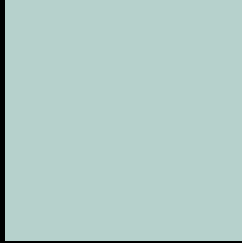
Large Text (above 18pt) WCAG AA × Fail

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 52.9910, 59.9056, 65.8968 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

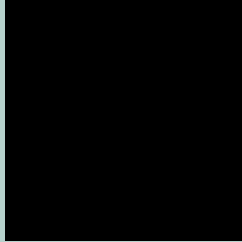
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

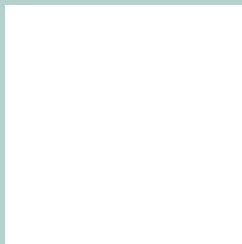
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 52.9910, 59.9056, 65.8968

Background



This preview shows how black text looks on a background with the XYZ color 52.9910, 59.9056, 65.8968.

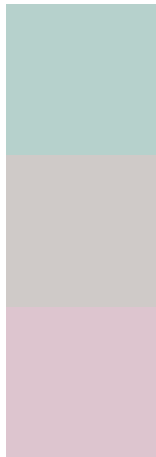


This preview shows how white text looks on a background with the XYZ color 52.9910, 59.9056,

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

52.9910, 59.9056, 65.8968

Protanopia

57.2780, 59.6766, 63.1434

Deuteranopia

61.0475, 59.8097, 67.3583



Tritanopia

55.3982, 59.7846, 78.4318

Trichromacy



Original Color

52.9910, 59.9056, 65.8968

Protanomaly

55.6626, 59.8855, 63.8837

Deuteranomaly

57.7593, 59.4949, 66.8319

Tritanomaly

54.4747, 59.7739, 73.6321

Monochromacy



Original Color

52.9910, 59.9056, 65.8968

Achromatopsia

54.8990, 57.7580, 62.8985

Achromatomaly

53.8909, 58.2664, 63.6645

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.9910, 59.9056, 65.8968 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(182, 209, 204)` looks like.

```
.text, #text, p{  
    color:rgb(182, 209, 204)  
}
```

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(182, 209, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 209, 204) }
```

Border

The CSS property to change the border of an element to XYZ 52.9910, 59.9056, 65.8968 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(182, 209, 204) }
```


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

```
.border{ border-color:rgb(182, 209, 204) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 209, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 209, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 209, 204);  
box-shadow:4px 4px 4px 4px rgb(182, 209,  
204) }
```

Background

The CSS property to change the background color of an element to XYZ 52.9910, 59.9056, 65.8968 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 209, 204) }
```

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

```
.background{ background-color: rgb(182,  
209, 204) }
```

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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