

Converting Colors

XYZ(52.2627, 59.9852, 65.4198)

Have a look what the booklet for
XYZ(52.2627, 59.9852, 65.4198)
contains.

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Color

**XYZ(52.1862, 59.8700,
65.3055)**

Conversions

Conversions Part 1

Format	Color
Hex	B2D2CB
RGB	178, 210, 203
RGB Percent	70%, 82%, 80%
CMY	0.3020, 0.1765, 0.2039
CMYK	0.15, 0.00, 0.03, 0.18
HSL	167°, 26%, 76%
HSV	167°, 15%, 82%
XYZ	52.1862, 59.8700, 65.3055
YIQ	199.6340, -16.8250, -8.9610

Conversions

Conversions Part 2

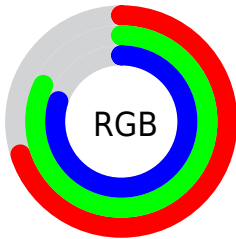
Format	Color
RYB	178, 196, 210
Decimal	11719371
CIELab	81.77, -11.99, -0.10
CIELCh	82, 11.986, 180.483
Yxy	59.8700, 0.2942, 0.3376
Android (android.graphics.Color)	4289909451 (0xFFB2D2CB)
YUV	199.6340, 1.6594, -18.9730
Hunter-Lab	77.3757, -15.0178, 4.1219

Details

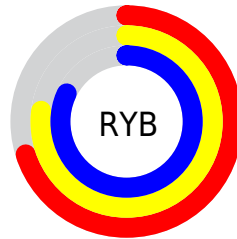
The XYZ color **52.1862, 59.8700, 65.3055** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **51.2579, 49.0468, 52.6670**, and the grayscale version is **54.6736, 57.5209, 62.6402**.

A 20% lighter version of the original color is **87.7417, 96.2324, 108.5580**, and **25.6036, 29.9726, 32.8696** is the 20% darker color. If you saturate the color by 10%, you get **47.1926, 57.3597, 62.2562**, and if you desaturate by 10%, it is **57.9371, 62.7721, 68.4775**.

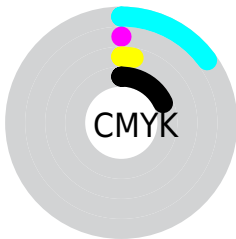
Distribution



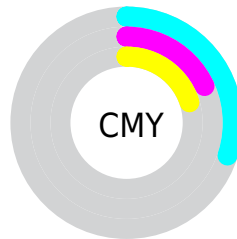
- Red (70%)
- Green (82%)
- Blue (80%)



- Red (70%)
- Yellow (77%)
- Blue (82%)



- Cyan (15%)
- Magenta (0%)
- Yellow (3%)
- Black (18%)



- Cyan (30%)
- Magenta (18%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 52.1862, 59.8700, 65.3055 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 52.1862, 59.8700, 65.3055 by changing the saturation by 10% instead.

■ 52.1862, 59.8700,
65.3055

■ 52.1862, 59.8700,
65.3055

385.4672,
424.1184, 462.2252

■ 37.3784, 43.3139,
47.2559

■ 92.5784, 104.6411,
114.1064

■ 25.6756, 30.1315,
32.8822

118.8935,
133.6248, 145.6949

■ 16.7125, 19.9384,
21.7659

149.7750,
167.5198, 182.6334

■ 10.1238, 12.3503,
13.4883

185.5884,
206.7105, 225.3404

■ 5.5440, 6.9827,
7.6310

226.6989,
251.5814, 274.2346

■ 2.6078, 3.4513,
3.7754

273.4720,

■ 0.9500, 1.3716,

302.5167, 329.7344

1.5029

326.2730,
359.9009, 392.2584

■ 0.0000, 0.1957,
0.2201

■ 0.0000, 0.0000,
0.0000

■ 52.1862, 59.8700,
65.3055

■ 52.1862, 59.8700,
65.3055

■ 47.1926, 57.3597,
62.2562

■ 57.9371, 62.7721,
68.4775

■ 42.9176, 55.2163,
59.3234

■ 64.4717, 66.0747,
71.7703

■ 39.3267, 53.4238,
56.5058

■ 71.8212, 69.7955,
75.1875

■ 36.3807, 51.9619,
53.8010

■ 77.3900, 72.5963,
78.6082

■ 34.0360, 50.8082,
51.2061

■ 78.0123, 72.8453,
81.8850

■ 32.2439, 49.9375,
48.7182

■ 78.6514, 73.1009,
85.2508

■ 30.9476, 49.3207,
46.3337

■ 79.3076, 73.3634,
88.7063

■ 30.0777, 48.9219,
44.0487

■ 79.9810, 73.6327,
92.2522

■ 29.7531, 48.7776,
42.9927

■ 80.6716, 73.9090,
95.8891

Harmonies

Analogous

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



52.7832, 59.8700, 58.5744



52.1862, 59.8700, 65.3055



52.8221, 59.8700, 72.4997

Triad

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



52.1862, 59.8700, 65.3055



59.4034, 59.8700, 77.9210



59.3305, 59.8700, 53.8209

Complementary

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



52.1862, 59.8700, 65.3055



51.2579, 49.0468, 52.6670

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.



61.1923, 59.8700, 58.3857



52.1862, 59.8700, 65.3055



61.2353, 59.8700, 72.2821

Square

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



52.1862, 59.8700, 65.3055



56.9456, 59.8700, 80.1053



61.8992, 59.8700, 65.0711



56.8637, 59.8700, 52.2485

Rectangle

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



52.1862, 59.8700, 65.3055



53.8707, 59.8700, 76.5146



61.8992, 59.8700, 65.0711



60.0504, 59.8700, 55.0388

Sweetspot

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



52.1879, 59.8725, 65.3068



90.0678, 97.4831, 106.3391



51.2047, 59.6826, 50.9415



19.1337, 20.7924, 22.6847



0.0000, 0.0000, 0.0000



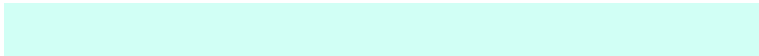
20.3446, 21.4041, 23.3091

Same Dimension

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



52.1879, 59.8725, 65.3068



78.5575, 91.6798, 99.9065



50.9904, 56.1115, 69.1189



12.0430, 13.3609, 14.5828



18.1869, 29.7677, 26.4279



1.0450, 1.6757, 1.6258

Inverse Universe

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



51.2579, 49.0468, 52.6670



76.8702, 72.0321, 76.9694



52.2877, 52.2608, 49.4519



11.9131, 11.8500, 12.8184



16.5436, 8.4903, 2.5030



0.9554, 0.4869, 0.3000

Previews

White Background



This preview shows how the XYZ color 52.1862, 59.8700, 65.3055 looks on a white background.

Color Contrast Check

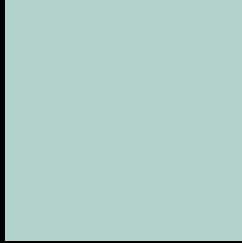
Large Text (above 18pt) WCAG AA × Fail

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 52.1862, 59.8700, 65.3055 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

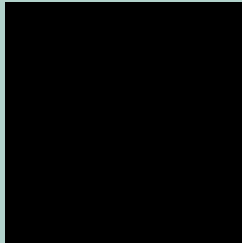
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

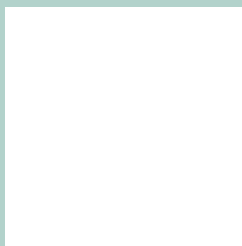
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 52.1862, 59.8700, 65.3055

Background



This preview shows how black text looks on a background with the XYZ color 52.1862, 59.8700, 65.3055.



This preview shows how white text looks on a background with the XYZ color 52.1862, 59.8700,

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

52.1862, 59.8700, 65.3055

Protanopia

57.0457, 59.5837, 61.9202

Deuteranopia

60.9256, 59.7609, 66.7164



Tritanopia

54.9235, 59.8984, 78.4788

Trichromacy



Original Color

52.1862, 59.8700, 65.3055

Protanomaly

55.0216, 59.5685, 63.2415

Deuteranomaly

57.3168, 59.6280, 66.2460

Tritanomaly

54.0066, 59.8934, 73.6799

Monochromacy



Original Color

52.1862, 59.8700, 65.3055

Achromatopsia

54.8990, 57.7580, 62.8985

Achromatomaly

53.8737, 58.6092, 63.7316

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.1862, 59.8700, 65.3055 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(178, 210, 203)` looks like.

```
.text, #text, p{  
    color:rgb(178, 210, 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(178, 210, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 210, 203) }
```

Border

The CSS property to change the border of an element to XYZ 52.1862, 59.8700, 65.3055 is called "border". The border property can be set on classes, ids or directly on the HTML element.

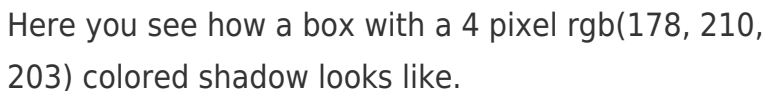
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(178, 210, 203) }
```


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

```
.border{ border-color:rgb(178, 210, 203) }
```

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



Here you see how a box with a 4 pixel rgb(178, 210, 203) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 210, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 210, 203);  
box-shadow:4px 4px 4px 4px rgb(178, 210,  
203) }
```

Background

The CSS property to change the background color of an element to XYZ 52.1862, 59.8700, 65.3055 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 210, 203) }
```

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

```
.background{ background-color: rgb(178,  
210, 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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