

Converting Colors

XYZ(52.1108, 57.5179, 65.2265)

Have a look what the booklet for
XYZ(52.1108, 57.5179, 65.2265)
contains.

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Color

**XYZ(52.2591, 57.7357,
65.5165)**

Conversions

Conversions Part 1

Format	Color
Hex	B8CCCC
RGB	184, 204, 204
RGB Percent	72%, 80%, 80%
CMY	0.2784, 0.2000, 0.2000
CMYK	0.10, 0.00, 0.00, 0.20
HSL	180°, 16%, 76%
HSV	180°, 10%, 80%
XYZ	52.2591, 57.7357, 65.5165
YIQ	198.0200, -11.9200, -4.2400

Conversions

Conversions Part 2

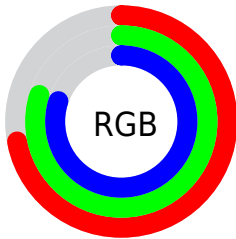
Format	Color
RYB	184, 194, 204
Decimal	12111052
CIELab	80.59, -6.73, -2.31
CIELCh	81, 7.112, 198.952
Yxy	57.7357, 0.2978, 0.3290
Android (android.graphics.Color)	4290301132 (0xFFB8CCCC)
YUV	198.0200, 2.9481, -12.2955
Hunter-Lab	75.9840, -10.2061, 2.0666

Details

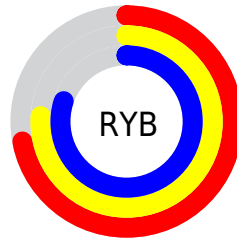
The XYZ color **52.2591, 57.7357, 65.5165** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **50.6961, 50.5806, 52.4411**, and the grayscale version is **53.6778, 56.4733, 61.4994**.

A 20% lighter version of the original color is **89.7452, 97.2653, 108.6517**, and **25.7714, 28.8400, 33.0625** is the 20% darker color. If you saturate the color by 10%, you get **47.7205, 55.3976, 65.3034**, and if you desaturate by 10%, it is **57.5058, 60.4420, 65.7652**.

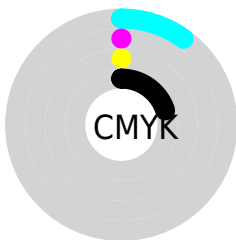
Distribution



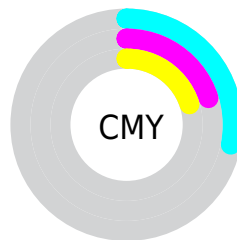
- Red (72%)
- Green (80%)
- Blue (80%)



- Red (72%)
- Yellow (76%)
- Blue (80%)



- Cyan (10%)
- Magenta (0%)
- Yellow (0%)
- Black (20%)



- Cyan (28%)
- Magenta (20%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 52.2591, 57.7357, 65.5165 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 52.2591, 57.7357, 65.5165 by changing the saturation by 10% instead.

■ 52.2591, 57.7357,
65.5165

■ 52.2591, 57.7357,
65.5165

385.7436,
416.2004, 463.0026

■ 37.4367, 41.5962,
47.4260

■ 92.6852, 101.5379,
114.4125

■ 25.7210, 28.7852,
33.0158

119.0197,
129.9693, 146.0550

■ 16.7467, 18.9184,
21.8673

149.9222,
163.2669, 183.0521

■ 10.1482, 11.6113,
13.5621

185.7582,
201.8150, 225.8220

■ 5.5604, 6.4796,
7.6815

226.8930,
245.9980, 274.7836

■ 2.6177, 3.1389,
3.8070

273.6919,

■ 0.9550, 1.2046,

296.2003, 330.3551

1.5201

326.5203,
352.8063, 392.9553

■ 0.0000, 0.0655,
0.2328

■ 0.0000, 0.0000,
0.0000

■ 52.2591, 57.7357,
65.5165

■ 52.2591, 57.7357,
65.5165

■ 47.7205, 55.3976,
65.3034

■ 57.5058, 60.4420,
65.7652

■ 43.8549, 53.4048,
65.1205

■ 63.4838, 63.5237,
66.0469

■ 40.6319, 51.7434,
64.9677

■ 70.2214, 66.9970,
66.3642

■ 38.0166, 50.3952,
64.8434

■ 73.7347, 68.8082,
66.5305

■ 35.9709, 49.3406,
64.7457

■ 73.7351, 68.8083,
66.5325

■ 34.4525, 48.5579,
64.6727

■ 73.7354, 68.8085,
66.5345

■ 33.4130, 48.0220,
64.6221

■ 73.7358, 68.8086,
66.5364

■ 32.7952, 47.7036,
64.5912

■ 73.7362, 68.8088,
66.5384

■ 32.4948, 47.5488,
64.5752

■ 73.7366, 68.8089,
66.5404

Harmonies

Analogous

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



52.1620, 57.7357, 61.3336



52.2591, 57.7357, 65.5165



53.0500, 57.7357, 69.1359

Triad

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



52.2591, 57.7357, 65.5165



57.0243, 57.7357, 68.3029



55.4167, 57.7357, 55.2865

Complementary

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



52.2591, 57.7357, 65.5165



50.6961, 50.5806, 52.4411

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.



56.7435, 57.7357, 56.9840



52.2591, 57.7357, 65.5165



57.6826, 57.7357, 64.4203

Square

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



52.2591, 57.7357, 65.5165



55.7945, 57.7357, 70.7933



57.5789, 57.7357, 60.2848



53.9678, 57.7357, 55.5507

Rectangle

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



52.2591, 57.7357, 65.5165



53.8723, 57.7357, 70.6843



57.5789, 57.7357, 60.2848



55.8922, 57.7357, 55.6435

Sweetspot

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



52.2608, 57.7381, 65.5178



92.2911, 98.5778, 108.7699



50.0934, 56.8804, 53.6871



19.6003, 21.0204, 23.2740



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.



52.2608, 57.7381, 65.5178



84.6738, 94.6510, 108.4105



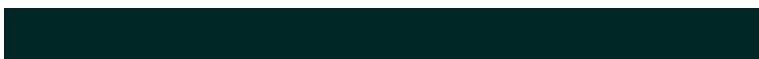
50.0339, 53.2839, 64.7773



11.5432, 12.7270, 14.4181



20.4485, 29.9247, 40.6424



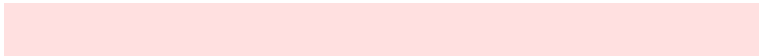
1.0549, 1.5438, 2.0968

Inverse Universe

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



50.6961, 50.5806, 52.4411



81.5128, 80.1904, 81.9912



52.7733, 54.7355, 53.1319



11.2124, 11.2137, 11.6533



15.6737, 8.0801, 0.7342



0.8086, 0.4169, 0.0380

Previews

White Background



This preview shows how the XYZ color 52.2591, 57.7357, 65.5165 looks on a white background.

Color Contrast Check

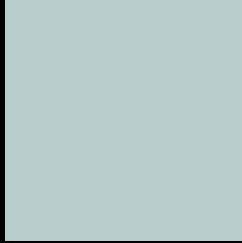
Large Text (above 18pt) WCAG AA × Fail

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 52.2591, 57.7357, 65.5165 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

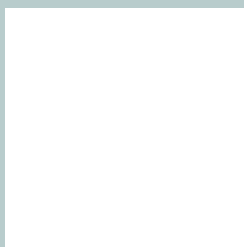
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 52.2591, 57.7357, 65.5165

Background



This preview shows how black text looks on a background with the XYZ color 52.2591, 57.7357, 65.5165.

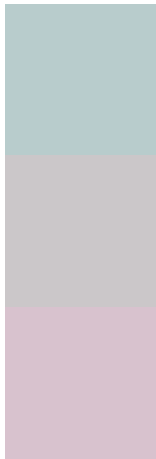


This preview shows how white text looks on a background with the XYZ color 52.2591, 57.7357,

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

52.2591, 57.7357, 65.5165

Protanopia

55.5946, 57.7604, 63.4771

Deuteranopia

58.7513, 57.6387, 66.4214



Tritanopia

54.0251, 57.7421, 74.6276

Trichromacy



Original Color

52.2591, 57.7357, 65.5165

Protanomaly

54.3123, 57.7733, 64.1659

Deuteranomaly

56.1154, 57.6333, 65.9244

Tritanomaly

53.3738, 57.8303, 71.3000

Monochromacy



Original Color

52.2591, 57.7357, 65.5165

Achromatopsia

53.6758, 56.4712, 61.4971

Achromatomaly

53.0719, 56.8161, 62.8130

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.2591, 57.7357, 65.5165 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(184, 204, 204)` looks like.

```
.text, #text, p{  
    color:rgb(184, 204, 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(184, 204, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 204, 204) }
```

Border

The CSS property to change the border of an element to XYZ 52.2591, 57.7357, 65.5165 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(184, 204, 204) }
```


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

```
.border{ border-color:rgb(184, 204, 204) }
```

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

Here you see how a box with a 4 pixel rgb(184, 204, 204) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 204, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 204, 204);  
box-shadow:4px 4px 4px 4px rgb(184, 204,  
204) }
```

Background

The CSS property to change the background color of an element to XYZ 52.2591, 57.7357, 65.5165 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 204, 204) }
```

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

```
.background{ background-color: rgb(184,  
204, 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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