

Converting Colors

XYZ(50.0111, 52.9142, 57.9643)

Have a look what the booklet for
XYZ(50.0111, 52.9142, 57.9643)
contains.

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Color

**XYZ(50.1815, 53.0665,
58.0501)**

Conversions

Conversions Part 1

Format	Color
Hex	BFC1C1
RGB	191, 193, 193
RGB Percent	75%, 76%, 76%
CMY	0.2510, 0.2431, 0.2431
CMYK	0.01, 0.00, 0.00, 0.24
HSL	180°, 2%, 75%
HSV	180°, 1%, 76%
XYZ	50.1815, 53.0665, 58.0501
YIQ	192.4020, -1.1920, -0.4240

Conversions

Conversions Part 2

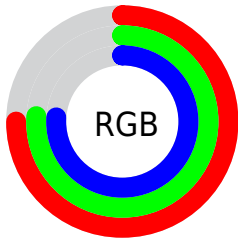
Format	Color
RYB	191, 192, 193
Decimal	12566977
CIELab	77.91, -0.69, -0.25
CIELCh	78, 0.732, 200.092
Yxy	53.0665, 0.3111, 0.3290
Android (android.graphics.Color)	4290757057 (0xFFBFC1C1)
YUV	192.4020, 0.2948, -1.2296
Hunter-Lab	72.8468, -4.5196, 3.7457

Details

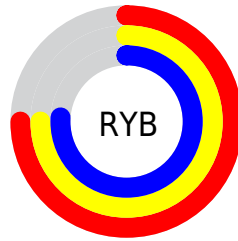
The XYZ color **50.1815, 53.0665, 58.0501** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **50.0291, 52.3622, 56.7630**, and the grayscale version is **50.3380, 52.9595, 57.6729**.

A 20% lighter version of the original color is **89.3323, 94.3651, 103.1285**, and **24.5929, 26.0529, 28.5435** is the 20% darker color. If you saturate the color by 10%, you get **45.6412, 50.7278, 57.8218**, and if you desaturate by 10%, it is **55.3644, 55.7395, 58.3107**.

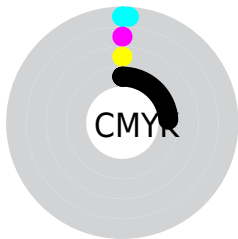
Distribution



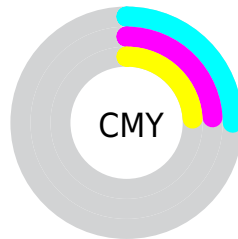
- Red (75%)
- Green (76%)
- Blue (76%)



- Red (75%)
- Yellow (75%)
- Blue (76%)



- Cyan (1%)
- Magenta (0%)
- Yellow (0%)
- Black (24%)



- Cyan (25%)
- Magenta (24%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 50.1815, 53.0665, 58.0501 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 50.1815, 53.0665, 58.0501 by changing the saturation by 10% instead.

■ 50.1815, 53.0665,
58.0501

■ 50.1815, 53.0665,
58.0501

377.8156,
398.5402, 434.9761

■ 35.7760, 37.8559,
41.4340

■ 89.6339, 94.7022,
103.5113

■ 24.4306, 25.8708,
28.3361

115.4116,
121.8961, 133.1935

■ 15.7798, 16.7270,
18.3379

145.7108,
153.8531, 168.0680

■ 9.4583, 10.0401,
11.0209

180.8967,
190.9578, 208.5536

■ 5.1008, 5.4255,
5.9666

221.3348,
233.5944, 255.0686

■ 2.3419, 2.4990,
2.7563

267.3904,

■ 0.8160, 0.8762,

282.1474, 308.0317

0.9716

319.4289,
337.0012, 367.8613

■ 0.0000, 0.0000,
0.0000

■ 50.1815, 53.0665,
58.0501

■ 50.1815, 53.0665,
58.0501

■ 45.6412, 50.7278,
57.8218

■ 55.3644, 55.7395,
58.3107

■ 41.7143, 48.7037,
57.6211

■ 61.2089, 58.7521,
58.6011

■ 38.3757, 46.9830,
57.4479

■ 67.7388, 62.1180,
58.9237

■ 35.5972, 45.5510,
57.3009

■ 69.9497, 63.2574,
59.0441

■ 33.3480, 44.3919,
57.1788

■ 69.9530, 63.2587,
59.0612

■ 31.5945, 43.4883,
57.0798

■ 69.9562, 63.2600,
59.0783

■ 30.2993, 42.8209,
57.0023

■ 69.9595, 63.2613,
59.0954

■ 29.4194, 42.3677,
56.9442

■ 69.9627, 63.2626,
59.1125

■ 28.9041, 42.1025,
56.9032

■ 69.9660, 63.2639,
59.1296

Harmonies

Analogous

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



50.1690, 53.0665, 57.6456



50.1815, 53.0665, 58.0501



50.2627, 53.0665, 58.3838

Triad

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



50.1815, 53.0665, 58.0501



50.6484, 53.0665, 58.2848



50.4852, 53.0665, 57.0116

Complementary

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



50.1815, 53.0665, 58.0501



50.0291, 52.3622, 56.7630

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.



50.6139, 53.0665, 57.1812



50.1815, 53.0665, 58.0501



50.7082, 53.0665, 57.9154

Square

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



50.1815, 53.0665, 58.0501



50.5322, 53.0665, 58.5197



50.6956, 53.0665, 57.5115



50.3441, 53.0665, 57.0473

Rectangle

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



50.1815, 53.0665, 58.0501



50.3450, 53.0665, 58.5206



50.6956, 53.0665, 57.5115



50.5314, 53.0665, 57.0465

Sweetspot

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



50.1830, 53.0688, 58.0513



90.7827, 95.5105, 104.0109



49.9698, 52.9844, 56.8845



19.4759, 20.4902, 22.3138



92.9021, 97.7402, 106.4391

Same Dimension

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



50.1830, 53.0688, 58.0513



89.8929, 95.0518, 103.9662



49.9700, 52.6423, 57.9819



11.2350, 11.8751, 12.9845



19.0647, 27.9199, 37.8294



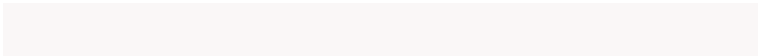
0.8239, 1.2064, 1.6356

Inverse Universe

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



50.0291, 52.3622, 56.7630



89.6231, 93.8130, 101.7076



50.2406, 52.7856, 56.8319



11.2039, 11.7323, 12.7241



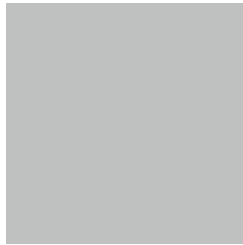
14.6288, 7.5413, 0.6915



0.6323, 0.3259, 0.0310

Previews

White Background



This preview shows how the XYZ color 50.1815, 53.0665, 58.0501 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 50.1815, 53.0665, 58.0501 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

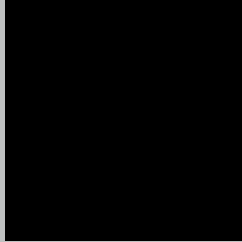
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

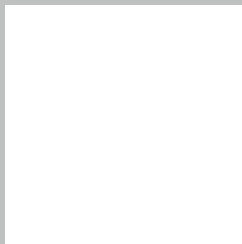
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 50.1815, 53.0665, 58.0501

Background



This preview shows how black text looks on a background with the XYZ color 50.1815, 53.0665, 58.0501.

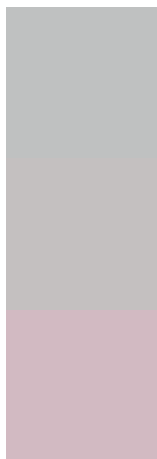


This preview shows how white text looks on a background with the XYZ color 50.1815, 53.0665,

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

50.1815, 53.0665, 58.0501

Protanopia

51.1290, 53.2408, 57.4509

Deuteranopia

53.8749, 52.7145, 58.3743



Tritanopia

51.7637, 53.0553, 65.9050

Trichromacy



Original Color

50.1815, 53.0665, 58.0501

Protanomaly

50.6122, 52.9744, 57.4267

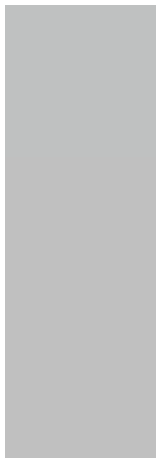
Deuteranomaly

52.5638, 52.9867, 58.4960

Tritanomaly

51.1305, 53.1228, 62.8172

Monochromacy



Original Color

50.1815, 53.0665, 58.0501

Achromatopsia

50.1023, 52.7115, 57.4028

Achromatomaly

50.1023, 52.7115, 57.4028

CSS Examples

Text

The CSS property to change the color of the text to XYZ 50.1815, 53.0665, 58.0501 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(191, 193, 193)` looks like.

```
.text, #text, p{  
    color:rgb(191, 193, 193)  
}
```

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(191, 193, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 193, 193) }
```

Border

The CSS property to change the border of an element to XYZ 50.1815, 53.0665, 58.0501 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(191, 193, 193) }
```

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

```
.border{ border-color:rgb(191, 193, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 193, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 193, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 193, 193);  
box-shadow:4px 4px 4px 4px rgb(191, 193,  
193) }
```


Background

The CSS property to change the background color of an element to XYZ 50.1815, 53.0665, 58.0501 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 193, 193) }
```

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

```
.background{ background-color: rgb(191,  
193, 193) }
```

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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