

Converting Colors

XYZ(51.1192, 52.0290, 57.3138)

Have a look what the booklet for
XYZ(51.1192, 52.0290, 57.3138)
contains.

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Color

**XYZ(51.0508, 51.9143,
57.1990)**

Conversions

Conversions Part 1

Format	Color
Hex	C7BCC0
RGB	199, 188, 192
RGB Percent	78%, 74%, 75%
CMY	0.2196, 0.2627, 0.2471
CMYK	0.00, 0.06, 0.04, 0.22
HSL	338°, 9%, 76%
HSV	338°, 6%, 78%
XYZ	51.0508, 51.9143, 57.1990
YIQ	191.7450, 5.2720, 3.5760

Conversions

Conversions Part 2

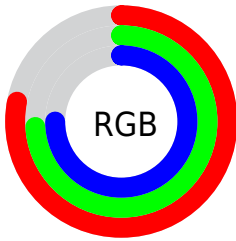
Format	Color
R _Y B	199, 188, 192
Decimal	13089984
CIE Lab	77.23, 4.58, -0.64
CIE LCh	77, 4.628, 352.106
Yxy	51.9143, 0.3187, 0.3241
Android (android.graphics.Color)	4291280064 (0xFFC7BCC0)
YUV	191.7450, 0.1257, 6.3626
Hunter-Lab	72.0516, 0.3826, 3.3680

Details

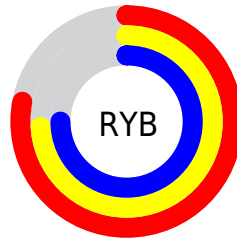
The XYZ color **51.0508, 51.9143, 57.1990** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **51.0147, 55.4796, 59.6522**, and the grayscale version is **49.9526, 52.5540, 57.2313**.

A 20% lighter version of the original color is **90.5340, 92.7387, 101.9356**, and **25.0012, 25.2118, 27.9747** is the 20% darker color. If you saturate the color by 10%, you get **45.7459, 43.4544, 48.8016**, and if you desaturate by 10%, it is **57.0656, 61.5994, 66.4304**.

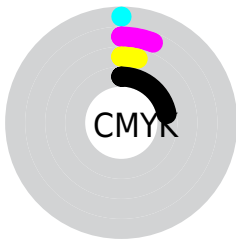
Distribution



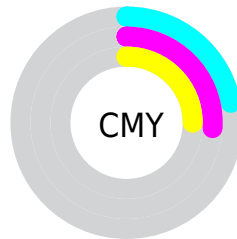
- Red (78%)
- Green (74%)
- Blue (75%)



- Red (78%)
- Yellow (74%)
- Blue (75%)



- Cyan (0%)
- Magenta (6%)
- Yellow (4%)
- Black (22%)



- Cyan (22%)
- Magenta (26%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 51.0508, 51.9143, 57.1990 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 51.0508, 51.9143, 57.1990 by changing the saturation by 10% instead.

■ 51.0508, 51.9143,
57.1990

■ 51.0508, 51.9143,
57.1990

381.1455,
394.1057, 431.7092

■ 36.4702, 36.9368,
40.7546

■ 90.9124, 93.0048,
102.2587

■ 24.9694, 25.1585,
27.8091

116.9242,
119.8866, 131.7111

■ 16.1829, 16.1952,
17.9440

147.4770,
151.5053, 166.3366

■ 9.7453, 9.6624,
10.7408

182.9364,
188.2453, 206.5537

■ 5.2914, 5.1757,
5.7808

223.6675,
230.4909, 252.7810

■ 2.4557, 2.3507,
2.6457

270.0359,

■ 0.8730, 0.8004,

278.6266, 305.4370

0.9159

322.4068,
333.0367, 364.9402

■ 0.0000, 0.0000,
0.0000

■ 51.0508, 51.9143,
57.1990

■ 51.0508, 51.9143,
57.1990

■ 45.7459, 43.4544,
48.8016

■ 57.0656, 61.5994,
66.4304

■ 41.1197, 36.1640,
41.2110

■ 63.8114, 72.5491,
76.5152

■ 37.1451, 29.9932,
34.4031

■ 71.3137, 84.8092,
87.4766

■ 33.7912, 24.8859,
28.3515

■ 75.4414, 90.1134,
97.9510

■ 31.0249, 20.7808,
23.0281

■ 77.3635, 90.8823,
108.0723

■ 28.8095, 17.6108,
18.4030

■ 27.1042, 15.3001,
14.4436

■ 25.8618, 13.7609,
11.1144

■ 25.0251, 12.8855,
8.3750

Harmonies

Analogous

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



50.7005, 51.9143, 59.5777



51.0508, 51.9143, 57.1990



50.9392, 51.9143, 54.7085

Triad

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



51.0508, 51.9143, 57.1990



48.7043, 51.9143, 52.1223



48.3034, 51.9143, 60.4666

Complementary

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



51.0508, 51.9143, 57.1990



51.0147, 55.4796, 59.6522

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.



47.7804, 51.9143, 58.3830



51.0508, 51.9143, 57.1990



48.0100, 51.9143, 53.5800

Square

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



51.0508, 51.9143, 57.1990



49.5775, 51.9143, 51.8267



47.6737, 51.9143, 55.8580



49.1092, 51.9143, 61.5007

Rectangle

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



51.0508, 51.9143, 57.1990



50.6185, 51.9143, 53.3153



47.6737, 51.9143, 55.8580



48.0891, 51.9143, 59.8628

Sweetspot

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



51.0523, 51.9166, 57.2001



92.9262, 96.5817, 105.6353



50.7908, 51.6900, 61.3337



19.9123, 20.7083, 22.6446



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.



51.0523, 51.9166, 57.2001



87.8418, 88.4249, 97.7377



50.9301, 52.3714, 55.0040



11.0161, 11.0601, 12.2348



15.9429, 8.1267, 4.9090



0.7896, 0.3987, 0.4153

Inverse Universe

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



51.0523, 51.9166, 57.2001



87.8418, 88.4249, 97.7377



51.1370, 54.9914, 61.9526



11.0161, 11.0601, 12.2348



15.9429, 8.1267, 4.9090



0.7896, 0.3987, 0.4153

Previews

White Background



This preview shows how the XYZ color 51.0508, 51.9143, 57.1990 looks on a white background.

Color Contrast Check

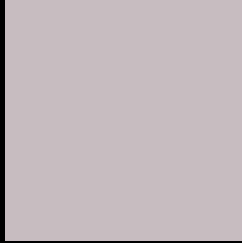
Large Text (above 18pt) WCAG AA × Fail

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 51.0508, 51.9143, 57.1990 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

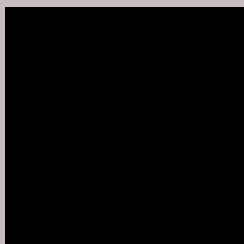
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

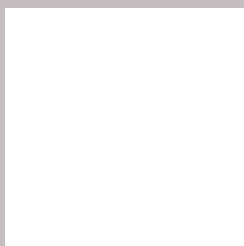
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 51.0508, 51.9143, 57.1990

Background



This preview shows how black text looks on a background with the XYZ color 51.0508, 51.9143, 57.1990.

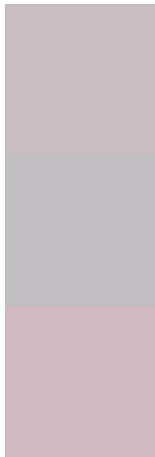


This preview shows how white text looks on a background with the XYZ color 51.0508, 51.9143,

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

51.0508, 51.9143, 57.1990

Protanopia

50.0314, 52.0146, 57.8550

Deuteranopia

52.9870, 51.9581, 57.6883



Tritanopia

52.1324, 52.0371, 62.5548

Trichromacy



Original Color

51.0508, 51.9143, 57.1990

Protanomaly

50.3289, 51.8475, 57.8070

Deuteranomaly

52.3614, 51.9472, 57.7191

Tritanomaly

51.7828, 51.8972, 60.7140

Monochromacy



Original Color

51.0508, 51.9143, 57.1990

Achromatopsia

50.1023, 52.7115, 57.4028

Achromatomaly

50.6509, 52.6695, 57.3658

CSS Examples

Text

The CSS property to change the color of the text to XYZ 51.0508, 51.9143, 57.1990 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(199, 188, 192) looks like.

```
.text, #text, p{  
    color:rgb(199, 188, 192)  
}
```

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(199, 188, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 188, 192) }
```

Border

The CSS property to change the border of an element to XYZ 51.0508, 51.9143, 57.1990 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(199, 188, 192) }
```


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

```
.border{ border-color:rgb(199, 188, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 188, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 188, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 188, 192);  
box-shadow:4px 4px 4px 4px rgb(199, 188,  
192) }
```

Background

The CSS property to change the background color of an element to XYZ 51.0508, 51.9143, 57.1990 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 188, 192) }
```

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

```
.background{ background-color: rgb(199,  
188, 192) }
```

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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