

Converting Colors

XYZ(51.4204, 55.1432, 58.6639)

Have a look what the booklet for
XYZ(51.4204, 55.1432, 58.6639)
contains.

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Color

**XYZ(51.3301, 54.9892,
58.3607)**

Conversions

Conversions Part 1

Format	Color
Hex	C0C5C1
RGB	192, 197, 193
RGB Percent	75%, 77%, 76%
CMY	0.2471, 0.2274, 0.2431
CMYK	0.03, 0.00, 0.02, 0.23
HSL	132°, 4%, 76%
HSV	132°, 3%, 77%
XYZ	51.3301, 54.9892, 58.3607
YIQ	195.0490, -1.6960, -2.3040

Conversions

Conversions Part 2

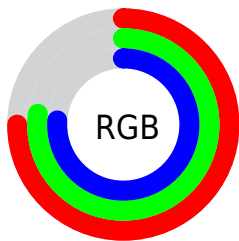
Format	Color
RYB	192, 196, 197
Decimal	12633537
CIELab	79.04, -2.46, 1.39
CIElCh	79, 2.825, 150.481
Yxy	54.9892, 0.3117, 0.3339
Android (android.graphics.Color)	4290823617 (0xFFC0C5C1)
YUV	195.0490, -1.0102, -2.6740
Hunter-Lab	74.1547, -6.2125, 5.2463

Details

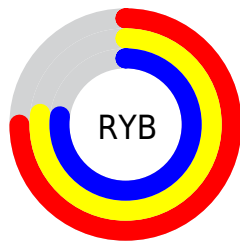
The XYZ color **51.3301, 54.9892, 58.3607** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **51.8414, 53.5565, 59.8323**, and the grayscale version is **51.9088, 54.6121, 59.4726**.

A 20% lighter version of the original color is **91.2521, 97.6796, 103.6671**, and **25.2035, 27.0273, 28.6994** is the 20% darker color. If you saturate the color by 10%, you get **45.0064, 51.9232, 49.3702**, and if you desaturate by 10%, it is **58.5121, 58.4791, 68.3720**.

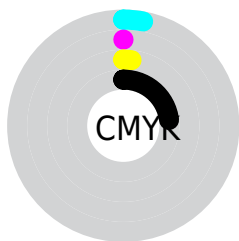
Distribution



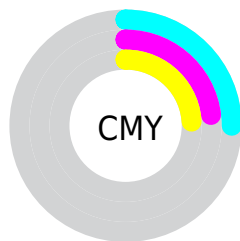
- Red (75%)
- Green (77%)
- Blue (76%)



- Red (75%)
- Yellow (77%)
- Blue (77%)



- Cyan (3%)
- Magenta (0%)
- Yellow (2%)
- Black (23%)



- Cyan (25%)
- Magenta (23%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 51.3301, 54.9892, 58.3607 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 51.3301, 54.9892, 58.3607 by changing the saturation by 10% instead.

■ 51.3301, 54.9892,
58.3607

■ 51.3301, 54.9892,
58.3607

382.2115,
405.8710, 436.1644

■ 36.6935, 39.3931,
41.6821

■ 91.3226, 97.5251,
103.9679

■ 25.1429, 27.0657,
28.5287

117.4092,
125.2337, 133.7336

■ 16.3128, 17.6225,
18.4821

148.0433,
157.7486, 168.6986

■ 9.8380, 10.6793,
11.1236

183.5900,
195.4542, 209.2817

■ 5.3531, 5.8516,
6.0348

224.4148,
238.7348, 255.9013

■ 2.4928, 2.7551,
2.7971

270.8831,

■ 0.8916, 1.0052,

287.9749, 308.9759

0.9920

323.3602,
343.5588, 368.9241

■ 0.0000, 0.0000,
0.0000

■ 51.3301, 54.9892,
58.3607

■ 51.3301, 54.9892,
58.3607

■ 45.0064, 51.9232,
49.3702

■ 58.5121, 58.4791,
68.3720

■ 39.5040, 49.2582,
41.3649

■ 66.5783, 62.4009,
79.4310

■ 34.7905, 46.9795,
34.3123

■ 75.5589, 66.7713,
91.5683

■ 30.8291, 45.0690,
28.1768

■ 79.2573, 68.4146,
103.6358

■ 27.5803, 43.5071,
22.9206

■ 25.0008, 42.2724,
18.5034

■ 23.0424, 41.3410,
14.8814

■ 21.6504, 40.6856,
12.0072

■ 20.7601, 40.2739,
9.8279

Harmonies

Analogous

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



51.7189, 54.9892, 57.2441



51.3301, 54.9892, 58.3607



51.1916, 54.9892, 59.8999

Triad

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



51.3301, 54.9892, 58.3607



52.2747, 54.9892, 63.0249



53.2032, 54.9892, 58.3165

Complementary

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



51.3301, 54.9892, 58.3607



51.8414, 53.5565, 59.8323

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.



53.3545, 54.9892, 59.8479



51.3301, 54.9892, 58.3607



52.8161, 54.9892, 62.5831

Square

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



51.3301, 54.9892, 58.3607



51.7345, 54.9892, 62.6098



53.2124, 54.9892, 61.4130



52.8003, 54.9892, 57.2188

Rectangle

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



51.3301, 54.9892, 58.3607



51.2590, 54.9892, 60.9642



53.2124, 54.9892, 61.4130



53.2853, 54.9892, 58.7967

Sweetspot

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



51.3316, 54.9916, 58.3619



93.7913, 99.3889, 107.1355



52.2695, 55.4879, 57.8252



20.0885, 21.2797, 22.9500



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.



51.3316, 54.9916, 58.3619



91.3214, 98.1899, 103.6633



51.6038, 55.1004, 59.7949



11.3967, 12.3169, 12.9077



13.4020, 26.3732, 5.7957



0.6609, 1.2593, 0.4132

Inverse Universe

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



51.8414, 53.5565, 59.8323



92.4126, 95.1177, 106.8110



51.5682, 53.4472, 58.3937



11.5654, 11.8420, 13.3942



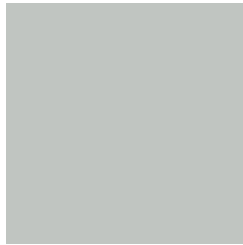
19.2132, 9.4348, 22.1304



0.9335, 0.4563, 1.1731

Previews

White Background



This preview shows how the XYZ color 51.3301, 54.9892, 58.3607 looks on a white background.

Color Contrast Check

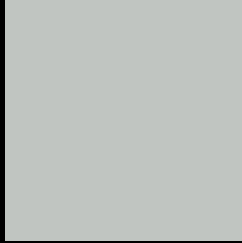
Large Text (above 18pt) WCAG AA × Fail

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 51.3301, 54.9892, 58.3607 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

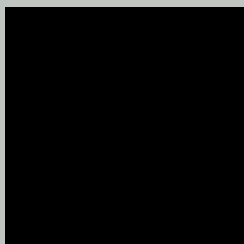
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

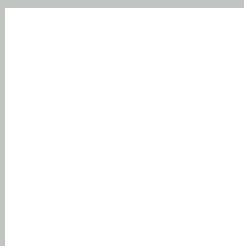
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 51.3301, 54.9892, 58.3607

Background



This preview shows how black text looks on a background with the XYZ color 51.3301, 54.9892, 58.3607.



This preview shows how white text looks on a background with the XYZ color 51.3301, 54.9892,

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

51.3301, 54.9892, 58.3607

Protanopia

52.8490, 55.1153, 57.7221

Deuteranopia

56.0723, 54.7824, 59.2485



Tritanopia

53.4303, 54.8388, 68.7416

Trichromacy



Original Color

51.3301, 54.9892, 58.3607

Protanomaly

52.2803, 55.1559, 57.7599

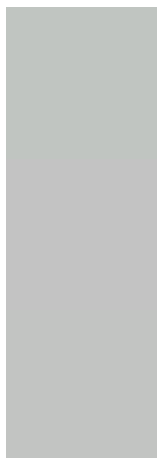
Deuteranomaly

54.3194, 54.8597, 58.7650

Tritanomaly

52.6623, 54.8592, 64.9400

Monochromacy



Original Color

51.3301, 54.9892, 58.3607

Achromatopsia

51.8711, 54.5724, 59.4294

Achromatomaly

51.7257, 54.8442, 58.8987

CSS Examples

Text

The CSS property to change the color of the text to XYZ 51.3301, 54.9892, 58.3607 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(192, 197, 193)` looks like.

```
.text, #text, p{  
    color:rgb(192, 197, 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(192, 197, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 197, 193) }
```

Border

The CSS property to change the border of an element to XYZ 51.3301, 54.9892, 58.3607 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(192, 197, 193) }
```


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

```
.border{ border-color:rgb(192, 197, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 197, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 197, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 197, 193);  
box-shadow:4px 4px 4px 4px rgb(192, 197,  
193) }
```

Background

The CSS property to change the background color of an element to XYZ 51.3301, 54.9892, 58.3607 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 197, 193) }
```

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

```
.background{ background-color: rgb(192,  
197, 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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