

Converting Colors

XYZ(51.2718, 54.9284, 58.8535)

Have a look what the booklet for
XYZ(51.2718, 54.9284, 58.8535)
contains.

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Color

**XYZ(51.1897, 54.9039,
58.9385)**

Conversions

Conversions Part 1

Format	Color
Hex	BFC5C2
RGB	191, 197, 194
RGB Percent	75%, 77%, 76%
CMY	0.2510, 0.2274, 0.2392
CMYK	0.03, 0.00, 0.02, 0.23
HSL	150°, 5%, 76%
HSV	150°, 3%, 77%
XYZ	51.1897, 54.9039, 58.9385
YIQ	194.8640, -2.6130, -2.2050

Conversions

Conversions Part 2

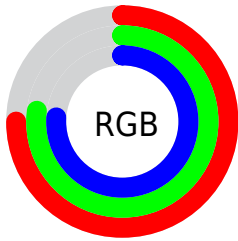
Format	Color
RYB	191, 195, 197
Decimal	12568002
CIELab	78.99, -2.62, 0.77
CIELCh	79, 2.730, 163.552
Yxy	54.9039, 0.3102, 0.3327
Android (android.graphics.Color)	4290758082 (0xFFBFC5C2)
YUV	194.8640, -0.4260, -3.3887
Hunter-Lab	74.0972, -6.3541, 4.7075

Details

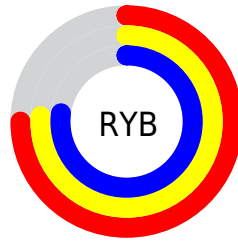
The XYZ color **51.1897, 54.9039, 58.9385** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **51.3964, 53.0283, 58.5682**, and the grayscale version is **51.7957, 54.4931, 59.3430**.

A 20% lighter version of the original color is **91.0549, 97.5599, 104.4743**, and **25.0373, 26.9416, 28.6916** is the 20% darker color. If you saturate the color by 10%, you get **45.4946, 52.0932, 53.0851**, and if you desaturate by 10%, it is **57.6278, 58.0922, 65.2122**.

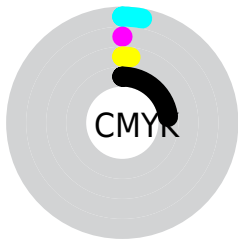
Distribution



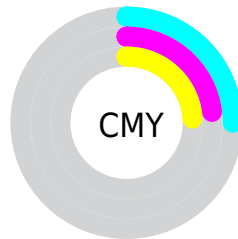
- Red (75%)
- Green (77%)
- Blue (76%)



- Red (75%)
- Yellow (76%)
- 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 51.1897, 54.9039, 58.9385 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 51.1897, 54.9039, 58.9385 by changing the saturation by 10% instead.

■ 51.1897, 54.9039,
58.9385

■ 51.1897, 54.9039,
58.9385

381.6759,
405.5475, 438.3695

■ 36.5813, 39.3248,
42.1439

■ 91.1164, 97.4001,
104.8165

■ 25.0556, 27.0125,
28.8876

117.1655,
125.0861, 134.7370

■ 16.2475, 17.5826,
18.7510

147.7587,
157.5764, 169.8700

■ 9.7914, 10.6507,
11.3155

183.2615,
195.2555, 210.6338

■ 5.3221, 5.8325,
6.1626

224.0393,
238.5077, 257.4472

■ 2.4741, 2.7435,
2.8738

270.4574,

■ 0.8822, 0.9993,

287.7176, 310.7285

1.0306

322.8811,
343.2694, 370.8965

■ 0.0000, 0.0000,
0.0000

■ 51.1897, 54.9039,
58.9385

■ 51.1897, 54.9039,
58.9385

■ 45.4946, 52.0932,
53.0851

■ 57.6278, 58.0922,
65.2122

■ 40.5099, 49.6389,
47.6396

■ 64.8305, 61.6645,
71.9109

■ 36.2077, 47.5282,
42.5944

■ 72.8243, 65.6359,
79.0441

■ 32.5561, 45.7450,
37.9400

■ 75.9756, 67.1019,
86.3547

■ 29.5207, 44.2716,
33.6668

■ 77.4268, 67.6824,
93.9966

■ 27.0638, 43.0889,
29.7646

■ 78.9580, 68.2949,
102.0595

■ 25.1433, 42.1752,
26.2228

■ 79.2573, 68.4146,
103.6358

■ 23.7111, 41.5061,
23.0300

■ 22.7093, 41.0518,
20.1740

Harmonies

Analogous

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



51.4685, 54.9039, 57.6403



51.1897, 54.9039, 58.9385



51.1762, 54.9039, 60.4843

Triad

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



51.1897, 54.9039, 58.9385



52.4295, 54.9039, 62.7348



52.9447, 54.9039, 57.7446

Complementary

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



51.1897, 54.9039, 58.9385



51.3964, 53.0283, 58.5682

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.



53.2060, 54.9039, 59.0832



51.1897, 54.9039, 58.9385



52.9071, 54.9039, 61.9741

Square

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



51.1897, 54.9039, 58.9385



51.8895, 54.9039, 62.6945



53.1921, 54.9039, 60.6315



52.4806, 54.9039, 56.9593

Rectangle

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



51.1897, 54.9039, 58.9385



51.3194, 54.9039, 61.4487



53.1921, 54.9039, 60.6315



53.0593, 54.9039, 58.1438

Sweetspot

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



51.1913, 54.9062, 58.9397



93.9133, 99.4377, 107.7783



51.6460, 55.1792, 57.2196



20.1133, 21.2897, 23.0808



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.



51.1913, 54.9062, 58.9397



90.5857, 97.7922, 104.4596



51.5206, 55.0380, 60.6740



11.3257, 12.2766, 13.0728



14.6390, 26.8680, 12.3096



0.7297, 1.2868, 0.7754

Inverse Universe

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



51.3964, 53.0283, 58.5682



91.0720, 93.3399, 103.5787



51.0734, 52.8992, 56.8674



11.3962, 11.6311, 12.9451



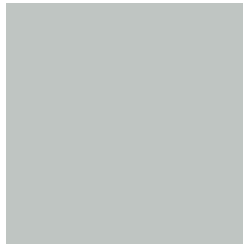
16.6546, 8.4114, 8.6568



0.8252, 0.4129, 0.6024

Previews

White Background



This preview shows how the XYZ color 51.1897, 54.9039, 58.9385 looks on a white background.

Color Contrast Check

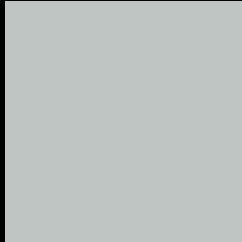
Large Text (above 18pt) WCAG AA × Fail

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 51.1897, 54.9039, 58.9385 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

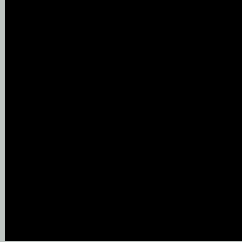
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

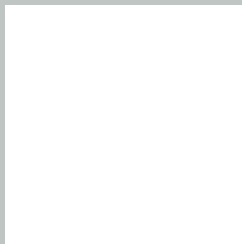
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 51.1897, 54.9039, 58.9385

Background



This preview shows how black text looks on a background with the XYZ color 51.1897, 54.9039, 58.9385.



This preview shows how white text looks on a background with the XYZ color 51.1897, 54.9039,

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

51.1897, 54.9039, 58.9385

Protanopia

52.6939, 55.0226, 58.2952

Deuteranopia

55.8930, 54.6769, 59.8324



Tritanopia

53.3961, 55.1527, 68.8040

Trichromacy



Original Color

51.1897, 54.9039, 58.9385

Protanomaly

52.1305, 55.0659, 58.3333

Deuteranomaly

54.1536, 54.7612, 59.3455

Tritanomaly

52.6313, 55.1769, 65.0030

Monochromacy



Original Color

51.1897, 54.9039, 58.9385

Achromatopsia

51.8711, 54.5724, 59.4294

Achromatomaly

51.8384, 54.8893, 59.4923

CSS Examples

Text

The CSS property to change the color of the text to XYZ 51.1897, 54.9039, 58.9385 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, 197, 194) looks like.

```
.text, #text, p{  
    color:rgb(191, 197, 194)  
}
```

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, 197, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 197, 194) }
```

Border

The CSS property to change the border of an element to XYZ 51.1897, 54.9039, 58.9385 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, 197, 194) }
```


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

```
.border{ border-color:rgb(191, 197, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 197, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 197, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 197, 194);  
box-shadow:4px 4px 4px 4px rgb(191, 197,  
194) }
```

Background

The CSS property to change the background color of an element to XYZ 51.1897, 54.9039, 58.9385 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 197, 194) }
```

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

```
.background{ background-color: rgb(191,  
197, 194) }
```

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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