

Converting Colors

XYZ(51.6375, 53.8959, 58.1009)

Have a look what the booklet for
XYZ(51.6375, 53.8959, 58.1009)
contains.

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Color

**XYZ(51.7216, 53.8605,
58.1222)**

Conversions

Conversions Part 1

Format	Color
Hex	C5C1C1
RGB	197, 193, 193
RGB Percent	77%, 76%, 76%
CMY	0.2274, 0.2431, 0.2431
CMYK	0.00, 0.02, 0.02, 0.23
HSL	0°, 3%, 76%
HSV	0°, 2%, 77%
XYZ	51.7216, 53.8605, 58.1222
YIQ	194.1960, 2.3840, 0.8480

Conversions

Conversions Part 2

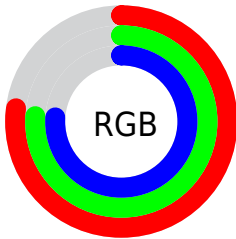
Format	Color
RYB	197, 193, 193
Decimal	12960193
CIE Lab	78.38, 1.40, 0.48
CIE LCh	78, 1.478, 19.156
Yxy	53.8605, 0.3159, 0.3290
Android (android.graphics.Color)	4291150273 (0xFFC5C1C1)
YUV	194.1960, -0.5896, 2.4591
Hunter-Lab	73.3897, -2.6336, 4.4171

Details

The XYZ color **51.7216, 53.8605, 58.1222** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **52.0367, 55.3006, 60.7556**, and the grayscale version is **51.3979, 54.0746, 58.8872**.

A 20% lighter version of the original color is **91.8476, 95.6617, 103.2462**, and **25.4394, 26.4893, 28.5831** is the 20% darker color. If you saturate the color by 10%, you get **45.6035, 44.9096, 45.9530**, and if you desaturate by 10%, it is **58.7147, 64.0915, 72.0287**.

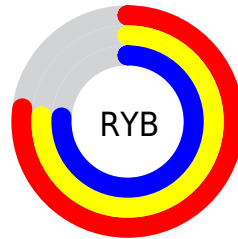
Distribution



Red (77%)

Green (76%)

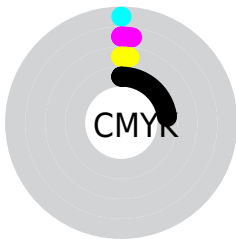
Blue (76%)



Red (77%)

Yellow (76%)

Blue (76%)

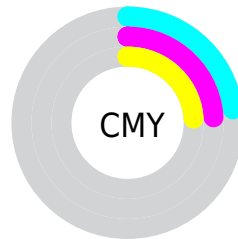


Cyan (0%)

Magenta (2%)

Yellow (2%)

Black (23%)



Cyan (23%)

Magenta (24%)

Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 51.7216, 53.8605, 58.1222 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 51.7216, 53.8605, 58.1222 by changing the saturation by 10% instead.

■ 51.7216, 53.8605,
58.1222

■ 51.7216, 53.8605,
58.1222

383.7025,
401.5778, 435.2521

■ 37.0066, 38.4901,
41.4915

■ 91.8972, 95.8694,
103.6173

■ 25.3863, 26.3633,
28.3808

118.0885,
123.2767, 133.3189

■ 16.4954, 17.0956,
18.3714

148.8359,
155.4652, 168.2145

■ 9.9684, 10.3027,
11.0447

184.5048,
192.8191, 208.7227

■ 5.4401, 5.6001,
5.9824

225.4606,
235.7229, 255.2620

■ 2.5451, 2.6035,
2.7658

272.0686,

■ 0.9181, 0.9284,

284.5611, 308.2510

0.9763

324.6941,
339.7179, 368.1081

■ 0.0000, 0.0000,
0.0000

■ 51.7216, 53.8605,
58.1222

■ 51.7216, 53.8605,
58.1222

■ 45.6035, 44.9096,
45.9530

■ 58.7147, 64.0915,
72.0287

■ 40.3216, 37.1818,
35.4496

■ 66.6106, 75.6429,
87.7332

■ 35.8410, 30.6261,
26.5405

■ 75.4414, 88.5617,
105.2980

■ 32.1227, 25.1853,
19.1478

■ 76.8363, 90.6105,
108.0476

■ 29.1241, 20.7974,
13.1872

■ 26.7988, 17.3944,
8.5659

■ 25.0948, 14.9003,
5.1805

■ 23.9525, 13.2279,
2.9122

■ 23.3007, 12.2731,
1.6194

Harmonies

Analogous

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



51.7427, 53.8605, 58.9460



51.7216, 53.8605, 58.1222



51.5585, 53.8605, 57.4445

Triad

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



51.7216, 53.8605, 58.1222



50.7719, 53.8605, 57.6062



51.0879, 53.8605, 60.2282

Complementary

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



51.7216, 53.8605, 58.1222



52.0367, 55.3006, 60.7556

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.



50.8288, 53.8605, 59.8619



51.7216, 53.8605, 58.1222



50.6468, 53.8605, 58.3448

Square

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



51.7216, 53.8605, 58.1222



51.0099, 53.8605, 57.1485



50.6676, 53.8605, 59.1708



51.3761, 53.8605, 60.1672

Rectangle

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



51.7216, 53.8605, 58.1222



51.3916, 53.8605, 57.1644



50.6676, 53.8605, 59.1708



50.9945, 53.8605, 60.1508

Sweetspot

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



51.7231, 53.8628, 58.1234



93.8347, 98.2219, 106.4829



52.1748, 54.0423, 60.5055



20.0973, 21.0423, 22.8172



0.0000, 0.0000, 0.0000



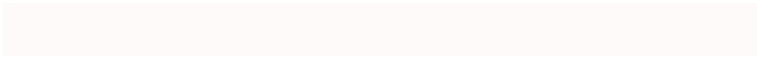
20.3446, 21.4041, 23.3091

Same Dimension

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



51.7231, 53.8628, 58.1234



92.6355, 96.4675, 104.0980



52.1675, 54.7517, 58.2715



11.6917, 12.1849, 13.1580



15.1467, 7.8106, 0.7093



0.7174, 0.3703, 0.0337

Inverse Universe

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



52.0367, 55.3006, 60.7556



93.1972, 99.0429, 108.8129



51.5863, 54.3998, 60.6055



11.7572, 12.4851, 13.7077



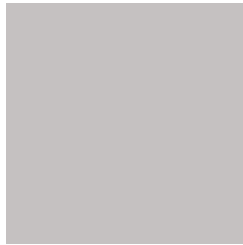
19.7378, 28.8695, 39.2764



0.9348, 1.3675, 1.8598

Previews

White Background



This preview shows how the XYZ color 51.7216, 53.8605, 58.1222 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 51.7216, 53.8605, 58.1222 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

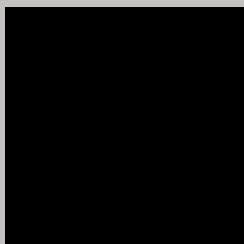
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

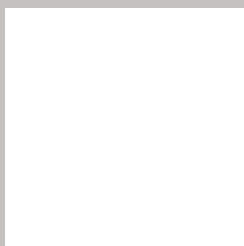
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 51.7216, 53.8605, 58.1222

Background



This preview shows how black text looks on a background with the XYZ color 51.7216, 53.8605, 58.1222.

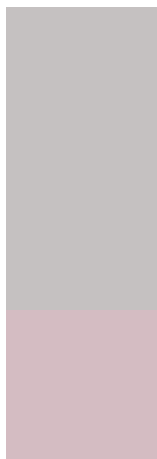


This preview shows how white text looks on a background with the XYZ color 51.7216, 53.8605,

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

51.7216, 53.8605, 58.1222

Protanopia

51.7216, 53.8605, 58.1222

Deuteranopia

54.8722, 53.8585, 58.5426



Tritanopia

53.3246, 53.8599, 65.9780

Trichromacy



Original Color

51.7216, 53.8605, 58.1222

Protanomaly

51.7216, 53.8605, 58.1222

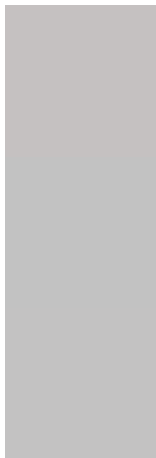
Deuteranomaly

53.8832, 53.9874, 58.6196

Tritanomaly

52.6810, 53.9221, 62.8898

Monochromacy



Original Color

51.7216, 53.8605, 58.1222

Achromatopsia

51.2775, 53.9479, 58.7493

Achromatomaly

51.5351, 54.0807, 58.7614

CSS Examples

Text

The CSS property to change the color of the text to XYZ 51.7216, 53.8605, 58.1222 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(197, 193, 193)` looks like.

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

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

Border

The CSS property to change the border of an element to XYZ 51.7216, 53.8605, 58.1222 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(197, 193, 193) }
```


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

```
.border{ border-color:rgb(197, 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(197, 193, 193)` colored shadow looks like.

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

Background

The CSS property to change the background color of an element to XYZ 51.7216, 53.8605, 58.1222 is called "background". The background property can be set on classes, ids or directly on the HTML element.

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

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

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