

Converting Colors

XYZ(51.9953, 54.8228, 58.4582)

Have a look what the booklet for
XYZ(51.9953, 54.8228, 58.4582)
contains.

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Color

**XYZ(51.9057, 54.6162,
58.2583)**

Conversions

Conversions Part 1

Format	Color
Hex	C4C3C1
RGB	196, 195, 193
RGB Percent	77%, 76%, 76%
CMY	0.2314, 0.2353, 0.2431
CMYK	0.00, 0.01, 0.02, 0.23
HSL	40°, 2%, 76%
HSV	40°, 2%, 77%
XYZ	51.9057, 54.6162, 58.2583
YIQ	195.0710, 1.2380, -0.4100

Conversions

Conversions Part 2

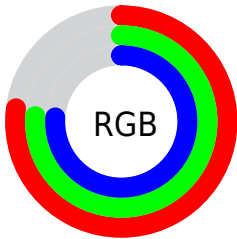
Format	Color
R_YB	195, 196, 193
Decimal	12895169
CIE Lab	78.82, -0.01, 1.12
CIE LCh	79, 1.116, 90.722
Yxy	54.6162, 0.3150, 0.3314
Android (android.graphics.Color)	4291085249 (0xFFC4C3C1)
YUV	195.0710, -1.0210, 0.8147
Hunter-Lab	73.9028, -3.9602, 4.9930

Details

The XYZ color **51.9057, 54.6162, 58.2583** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **51.2480, 53.9059, 59.9292**, and the grayscale version is **51.9207, 54.6247, 59.4862**.

A 20% lighter version of the original color is **92.4173, 97.3430, 103.5407**, and **25.4138, 26.6940, 28.6239** is the 20% darker color. If you saturate the color by 10%, you get **48.4357, 50.9460, 47.0197**, and if you desaturate by 10%, it is **55.7323, 58.5344, 71.0468**.

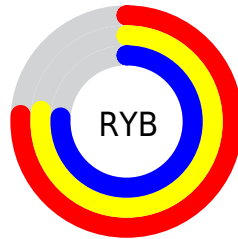
Distribution



Red (77%)

Green (76%)

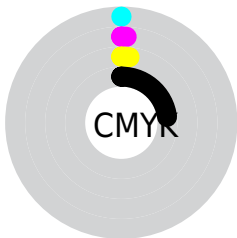
Blue (76%)



Red (76%)

Yellow (77%)

Blue (76%)

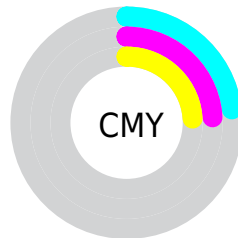


Cyan (0%)

Magenta (1%)

Yellow (2%)

Black (23%)



Cyan (23%)

Magenta (24%)

Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 51.9057, 54.6162, 58.2583 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 51.9057, 54.6162, 58.2583 by changing the saturation by 10% instead.

■ 51.9057, 54.6162,
58.2583

■ 51.9057, 54.6162,
58.2583

384.4024,
404.4554, 435.7728

■ 37.1539, 39.0945,
41.6003

■ 92.1672, 96.9784,
103.8174

■ 25.5009, 26.8333,
28.4652

118.4076,
124.5877, 133.5555

■ 16.5813, 17.4480,
18.4345

149.2082,
156.9950, 168.4908

■ 10.0299, 10.5544,
11.0897

184.9345,
194.5847, 209.0417

■ 5.4812, 5.7681,
6.0123

225.9516,
237.7412, 255.6269

■ 2.5699, 2.7046,
2.7837

272.6251,

■ 0.9306, 0.9795,

286.8489, 308.6647

0.9853

325.3202,
342.2922, 368.5739

■ 0.0000, 0.0000,
0.0000

■ 51.9057, 54.6162,
58.2583

■ 51.9057, 54.6162,
58.2583

■ 48.4357, 50.9460,
47.0197

■ 55.7323, 58.5344,
71.0468

■ 45.3055, 47.5105,
37.2676

■ 59.9223, 62.6992,
85.4381

■ 42.5038, 44.3056,
28.9394

■ 64.4881, 67.1188,
101.4872

■ 40.0169, 41.3245,
21.9668

■ 66.6856, 70.6964,
104.7388

■ 37.8298, 38.5600,
16.2756

■ 68.4389, 74.2032,
105.3233

■ 35.9263, 36.0040,
11.7847

■ 70.2598, 77.8449,
105.9302

■ 34.2885, 33.6480,
8.4033

■ 72.1488, 81.6229,
106.5599

■ 32.8957, 31.4823,
6.0280

■ 74.1066, 85.5386,
107.2125

■ 31.7236, 29.4957,
4.5353

■ 76.1340, 89.5934,
107.8883

Harmonies

Analogous

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



52.1193, 54.6162, 58.4118



51.9057, 54.6162, 58.2583



51.6941, 54.6162, 58.4270

Triad

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



51.9057, 54.6162, 58.2583



51.5464, 54.6162, 60.0921



52.2829, 54.6162, 60.0653

Complementary

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



51.9057, 54.6162, 58.2583



51.2480, 53.9059, 59.9292

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.



52.1286, 54.6162, 60.5208



51.9057, 54.6162, 58.2583



51.7034, 54.6162, 60.5364

Square

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



51.9057, 54.6162, 58.2583



51.4870, 54.6162, 59.4831



51.9164, 54.6162, 60.6938



52.3374, 54.6162, 59.4524

Rectangle

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



51.9057, 54.6162, 58.2583



51.5826, 54.6162, 58.7001



51.9164, 54.6162, 60.6938



52.2409, 54.6162, 60.2421

Sweetspot

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



51.9072, 54.6186, 58.2595

95.0500, 100.0000, 108.9000



51.5733, 53.7716, 58.7005



20.3446, 21.4041, 23.3091



0.0000, 0.0000, 0.0000

Same Dimension

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



51.9072, 54.6186, 58.2595



93.7015, 98.5995, 104.4533



52.0015, 54.9998, 58.3281



11.1892, 11.7740, 12.5003



19.9140, 18.1138, 2.4467



0.9215, 0.9049, 0.1261

Inverse Universe

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



51.2480, 53.9059, 59.9292



92.1217, 96.8919, 108.4544



51.1546, 53.5296, 59.8615



11.0154, 11.5861, 12.9406



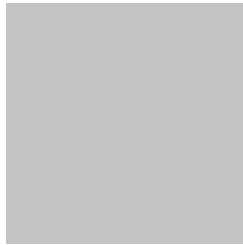
7.6924, 5.1413, 34.1436



0.3964, 0.3503, 1.4966

Previews

White Background



This preview shows how the XYZ color 51.9057, 54.6162, 58.2583 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 51.9057, 54.6162, 58.2583 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

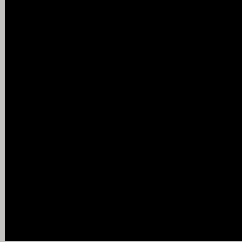
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

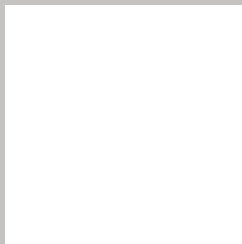
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 51.9057, 54.6162, 58.2583

Background



This preview shows how black text looks on a background with the XYZ color 51.9057, 54.6162, 58.2583.



This preview shows how white text looks on a background with the XYZ color 51.9057, 54.6162,

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

51.9057, 54.6162, 58.2583

Protanopia

52.3594, 54.5315, 57.6352

Deuteranopia

55.6668, 54.5864, 58.6412



Tritanopia

53.7438, 54.6998, 67.4000

Trichromacy



Original Color

51.9057, 54.6162, 58.2583

Protanomaly

52.0949, 54.3951, 57.6228

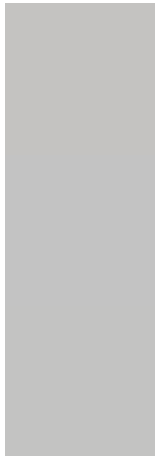
Deuteranomaly

54.1005, 54.4220, 58.6920

Tritanomaly

53.0972, 54.7657, 64.2722

Monochromacy



Original Color

51.9057, 54.6162, 58.2583

Achromatopsia

51.8711, 54.5724, 59.4294

Achromatomaly

51.7584, 54.5274, 58.8358

CSS Examples

Text

The CSS property to change the color of the text to XYZ 51.9057, 54.6162, 58.2583 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(196, 195, 193)` looks like.

```
.text, #text, p{  
    color:rgb(196, 195, 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(196, 195, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 195, 193) }
```

Border

The CSS property to change the border of an element to XYZ 51.9057, 54.6162, 58.2583 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(196, 195, 193) }
```

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

```
.border{ border-color:rgb(196, 195, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 195, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 195, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 195, 193);  
box-shadow:4px 4px 4px 4px rgb(196, 195,  
193) }
```


Background

The CSS property to change the background color of an element to XYZ 51.9057, 54.6162, 58.2583 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 195, 193) }
```

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

```
.background{ background-color: rgb(196,  
195, 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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