

Converting Colors

XYZ(51.3924, 54.5018, 58.6995)

Have a look what the booklet for
XYZ(51.3924, 54.5018, 58.6995)
contains.

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Color

**XYZ(51.2450, 54.2627,
58.8118)**

Conversions

Conversions Part 1

Format	Color
Hex	C1C3C2
RGB	193, 195, 194
RGB Percent	76%, 76%, 76%
CMY	0.2431, 0.2353, 0.2392
CMYK	0.01, 0.00, 0.01, 0.24
HSL	150°, 2%, 76%
HSV	150°, 1%, 76%
XYZ	51.2450, 54.2627, 58.8118
YIQ	194.2880, -0.8710, -0.7350

Conversions

Conversions Part 2

Format	Color
R _Y B	193, 194, 195
Decimal	12698562
CIE Lab	78.61, -0.87, 0.25
CIE LCh	79, 0.907, 164.009
Yxy	54.2627, 0.3119, 0.3302
Android (android.graphics.Color)	4290888642 (0xFFC1C3C2)
YUV	194.2880, -0.1420, -1.1296
Hunter-Lab	73.6632, -4.7342, 4.2279

Details

The XYZ color **51.2450, 54.2627, 58.8118** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **51.3152, 53.6384, 58.6902**, and the grayscale version is **51.4512, 54.1307, 58.9483**.

A 20% lighter version of the original color is **91.1326, 96.6627, 104.2970**, and **25.0737, 26.5187, 28.6080** is the 20% darker color. If you saturate the color by 10%, you get **45.5372, 51.4444, 53.0072**, and if you desaturate by 10%, it is **57.6835, 57.4525, 65.0291**.

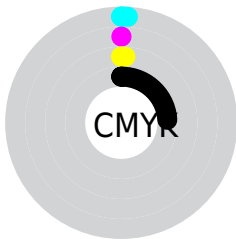
Distribution



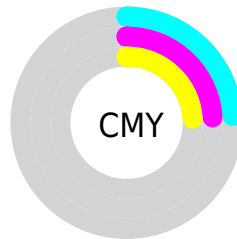
- Red (76%)
- Green (76%)
- Blue (76%)



- Red (76%)
- Yellow (76%)
- Blue (76%)



- Cyan (1%)
- Magenta (0%)
- Yellow (1%)
- Black (24%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 51.2450, 54.2627, 58.8118 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 51.2450, 54.2627, 58.8118 by changing the saturation by 10% instead.

■ 51.2450, 54.2627,
58.8118

■ 51.2450, 54.2627,
58.8118

381.8869,
403.1110, 437.8866

■ 36.6255, 38.8117,
42.0426

■ 91.1977, 96.4599,
104.6305

■ 25.0900, 26.6133,
28.8088

117.2615,
123.9748, 134.5171

■ 16.2732, 17.2830,
18.6919

147.8708,
156.2799, 169.6133

■ 9.8098, 10.4365,
11.2733

183.3909,
193.7595, 210.3376

■ 5.3343, 5.6893,
6.1345

224.1873,
236.7980, 257.1085

■ 2.4815, 2.6571,
2.8569

270.6251,

■ 0.8859, 0.9554,

285.7798, 310.3446

1.0221

323.0699,
341.0894, 370.4645

■ 0.0000, 0.0000,
0.0000

■ 51.2450, 54.2627,
58.8118

■ 51.2450, 54.2627,
58.8118

■ 45.5372, 51.4444,
53.0072

■ 57.6835, 57.4525,
65.0291

■ 40.5287, 48.9768,
47.6032

■ 64.8734, 61.0196,
71.6637

■ 36.1924, 46.8477,
42.5924

■ 72.8404, 64.9787,
78.7247

■ 32.4978, 45.0417,
37.9657

■ 75.4729, 66.1790,
85.9326

■ 29.4119, 43.5418,
33.7138

■ 76.9076, 66.7529,
93.4876

■ 26.8987, 42.3296,
29.8267

■ 78.4207, 67.3581,
101.4556

■ 24.9181, 41.3847,
26.2941

■ 78.8062, 67.5123,
103.4854

■ 23.4245, 40.6838,
23.1051

■ 22.3639, 40.1992,
20.2481

Harmonies

Analogous

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



51.3364, 54.2627, 58.3769



51.2450, 54.2627, 58.8118



51.2419, 54.2627, 59.3217

Triad

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



51.2450, 54.2627, 58.8118



51.6584, 54.2627, 60.0442



51.8229, 54.2627, 58.4008

Complementary

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



51.2450, 54.2627, 58.8118



51.3152, 53.6384, 58.6902

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.



51.9096, 54.2627, 58.8446



51.2450, 54.2627, 58.8118



51.8145, 54.2627, 59.7945

Square

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



51.2450, 54.2627, 58.8118



51.4803, 54.2627, 60.0352



51.9066, 54.2627, 59.3547



51.6699, 54.2627, 58.1406

Rectangle

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



51.2450, 54.2627, 58.8118



51.2904, 54.2627, 59.6358



51.9066, 54.2627, 59.3547



51.8608, 54.2627, 58.5334

Sweetspot

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



51.2465, 54.2650, 58.8130



92.9021, 97.7402, 106.4391



51.3994, 54.3568, 58.2356



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.



51.2465, 54.2650, 58.8130



91.7914, 97.1908, 105.3422



51.3559, 54.3088, 59.3886



11.2125, 11.8662, 12.8662



14.1393, 25.9498, 11.8925



0.6457, 1.1351, 0.6971

Inverse Universe

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



51.3152, 53.6384, 58.6902



91.9130, 96.0815, 105.1249



51.2066, 53.5950, 58.1183



11.2262, 11.7413, 12.8417



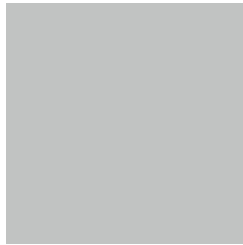
16.0920, 8.1266, 8.3966



0.7301, 0.3650, 0.5460

Previews

White Background



This preview shows how the XYZ color 51.2450, 54.2627, 58.8118 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 51.2450, 54.2627, 58.8118 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

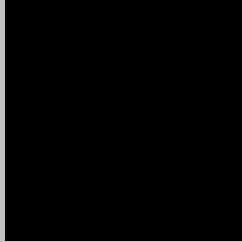
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

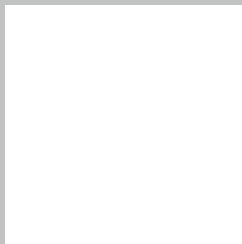
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 51.2450, 54.2627, 58.8118

Background



This preview shows how black text looks on a background with the XYZ color 51.2450, 54.2627, 58.8118.



This preview shows how white text looks on a background with the XYZ color 51.2450, 54.2627,

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

51.2450, 54.2627, 58.8118

Protanopia

51.9843, 53.9960, 58.1345

Deuteranopia

55.2741, 54.0527, 59.1497



Tritanopia

52.9608, 54.2961, 67.3634

Trichromacy



Original Color

51.2450, 54.2627, 58.8118

Protanomaly

51.6824, 54.1696, 58.1839

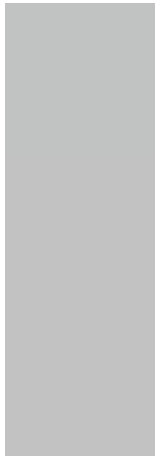
Deuteranomaly

53.9347, 54.3235, 59.2726

Tritanomaly

52.3194, 54.3647, 64.2358

Monochromacy



Original Color

51.2450, 54.2627, 58.8118

Achromatopsia

51.2775, 53.9479, 58.7493

Achromatomaly

51.2775, 53.9479, 58.7493

CSS Examples

Text

The CSS property to change the color of the text to XYZ 51.2450, 54.2627, 58.8118 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(193, 195, 194)` looks like.

```
.text, #text, p{  
    color:rgb(193, 195, 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(193, 195, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 195, 194) }
```

Border

The CSS property to change the border of an element to XYZ 51.2450, 54.2627, 58.8118 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(193, 195, 194) }
```

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

```
.border{ border-color:rgb(193, 195, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 195, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 195, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 195, 194);  
box-shadow:4px 4px 4px 4px rgb(193, 195,  
194) }
```


Background

The CSS property to change the background color of an element to XYZ 51.2450, 54.2627, 58.8118 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 195, 194) }
```

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

```
.background{ background-color: rgb(193,  
195, 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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