

Converting Colors

XYZ(51.1698, 54.5873, 58.3687)

Have a look what the booklet for
XYZ(51.1698, 54.5873, 58.3687)
contains.

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Color

**XYZ(51.1038, 54.5366,
58.2852)**

Conversions

Conversions Part 1

Format	Color
Hex	C0C4C1
RGB	192, 196, 193
RGB Percent	75%, 77%, 76%
CMY	0.2471, 0.2314, 0.2431
CMYK	0.02, 0.00, 0.02, 0.23
HSL	135°, 3%, 76%
HSV	135°, 2%, 77%
XYZ	51.1038, 54.5366, 58.2852
YIQ	194.4620, -1.4210, -1.7810

Conversions

Conversions Part 2

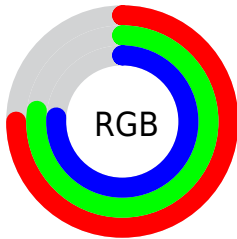
Format	Color
RYB	192, 195, 196
Decimal	12633281
CIELab	78.77, -1.93, 1.01
CIElCh	79, 2.180, 152.354
Yxy	54.5366, 0.3117, 0.3327
Android (android.graphics.Color)	4290823361 (0xFFC0C4C1)
YUV	194.4620, -0.7208, -2.1592
Hunter-Lab	73.8489, -5.7127, 4.8996

Details

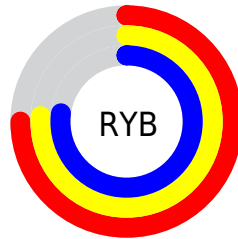
The XYZ color **51.1038, 54.5366, 58.2852** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **51.4670, 53.3766, 59.2226**, and the grayscale version is **51.5580, 54.2430, 59.0706**.

A 20% lighter version of the original color is **90.9356, 97.0466, 103.5616**, and **25.0541, 26.7284, 28.6496** is the 20% darker color. If you saturate the color by 10%, you get **44.9081, 51.5244, 49.8543**, and if you desaturate by 10%, it is **58.1267, 57.9595, 67.6085**.

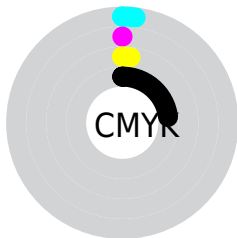
Distribution



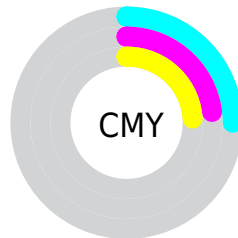
- Red (75%)
- Green (77%)
- Blue (76%)



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



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



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 51.1038, 54.5366, 58.2852 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 51.1038, 54.5366, 58.2852 by changing the saturation by 10% instead.

■ 51.1038, 54.5366,
58.2852

■ 51.1038, 54.5366,
58.2852

381.3480,
404.1529, 435.8757

■ 36.5126, 39.0308,
41.6218

■ 90.9903, 96.8617,
103.8569

■ 25.0023, 26.7837,
28.4819

117.0162,
124.4498, 133.6023

■ 16.2075, 17.4109,
18.4470

147.5845,
156.8341, 168.5454

■ 9.7629, 10.5279,
11.0987

183.0605,
194.3990, 209.1048

■ 5.3031, 5.7503,
6.0182

223.8094,
237.5290, 255.6990

■ 2.4627, 2.6939,
2.7872

270.1968,

■ 0.8765, 0.9741,

286.6084, 308.7465

0.9870

322.5878,
342.0215, 368.6659

■ 0.0000, 0.0000,
0.0000

■ 51.1038, 54.5366,
58.2852

■ 51.1038, 54.5366,
58.2852

■ 44.9081, 51.5244,
49.8543

■ 58.1267, 57.9595,
67.6085

■ 39.5043, 48.9005,
42.2861

■ 66.0012, 61.8005,
77.8458

■ 34.8614, 46.6512,
35.5542

■ 74.7564, 66.0757,
89.0222

■ 30.9444, 44.7590,
29.6300

■ 78.5229, 67.7588,
100.8850

■ 27.7156, 43.2051,
24.4828

■ 79.0310, 67.9620,
103.5603

■ 25.1341, 41.9690,
20.0803

■ 23.1540, 41.0279,
16.3876

■ 21.7234, 40.3558,
13.3671

■ 20.7811, 39.9219,
10.9778

Harmonies

Analogous

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



51.3926, 54.5366, 57.3961



51.1038, 54.5366, 58.2852



51.0107, 54.5366, 59.4788

Triad

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



51.1038, 54.5366, 58.2852



51.8695, 54.5366, 61.7874



52.5395, 54.5366, 58.1183

Complementary

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



51.1038, 54.5366, 58.2852



51.4670, 53.3766, 59.2226

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.



52.6689, 54.5366, 59.2835



51.1038, 54.5366, 58.2852



52.2807, 54.5366, 61.4114

Square

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



51.1038, 54.5366, 58.2852



51.4513, 54.5366, 61.5113



52.5740, 54.5366, 60.4906



52.2214, 54.5366, 57.3007

Rectangle

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



51.1038, 54.5366, 58.2852



51.0717, 54.5366, 60.2895



52.5740, 54.5366, 60.4906



52.6066, 54.5366, 58.4818

Sweetspot

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



51.1053, 54.5389, 58.2864



93.8115, 99.3970, 107.2423



51.7795, 54.8993, 57.7375



20.0926, 21.2814, 22.9718



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.



51.1053, 54.5389, 58.2864



92.5885, 98.8015, 105.6013



51.3228, 54.6259, 59.4314



11.0667, 11.7961, 12.6267



13.0690, 25.5217, 6.2565



0.5934, 1.1142, 0.4216

Inverse Universe

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



51.4670, 53.3766, 59.2226



93.2401, 96.7073, 107.2882



51.2494, 53.2896, 58.0772



11.1384, 11.5657, 12.8123



18.0493, 8.9095, 18.7036



0.8061, 0.3954, 0.9462

Previews

White Background



This preview shows how the XYZ color 51.1038, 54.5366, 58.2852 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 51.1038, 54.5366, 58.2852 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

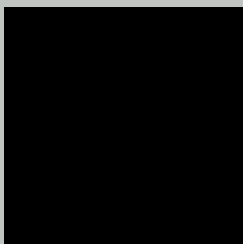
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

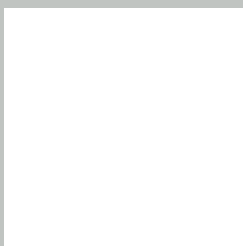
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 51.1038, 54.5366, 58.2852

Background



This preview shows how black text looks on a background with the XYZ color 51.1038, 54.5366, 58.2852.



This preview shows how white text looks on a background with the XYZ color 51.1038, 54.5366,

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

51.1038, 54.5366, 58.2852

Protanopia

52.3594, 54.5315, 57.6352

Deuteranopia

55.6668, 54.5864, 58.6412



Tritanopia

53.0485, 54.6564, 68.0754

Trichromacy



Original Color

51.1038, 54.5366, 58.2852

Protanomaly

51.7945, 54.5717, 57.6727

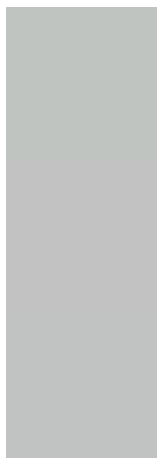
Deuteranomaly

54.0408, 54.7161, 58.7519

Tritanomaly

52.2869, 54.6795, 64.2983

Monochromacy



Original Color

51.1038, 54.5366, 58.2852

Achromatopsia

51.2775, 53.9479, 58.7493

Achromatomaly

51.2450, 54.2627, 58.8118

CSS Examples

Text

The CSS property to change the color of the text to XYZ 51.1038, 54.5366, 58.2852 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, 196, 193)` looks like.

```
.text, #text, p{  
    color:rgb(192, 196, 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, 196, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 196, 193) }
```

Border

The CSS property to change the border of an element to XYZ 51.1038, 54.5366, 58.2852 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, 196, 193) }
```


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

```
.border{ border-color:rgb(192, 196, 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, 196, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 196, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 196, 193);  
box-shadow:4px 4px 4px 4px rgb(192, 196,  
193) }
```

Background

The CSS property to change the background color of an element to XYZ 51.1038, 54.5366, 58.2852 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 196, 193) }
```

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

```
.background{ background-color: rgb(192,  
196, 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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