

Converting Colors

XYZ(54.7431, 58.3416, 51.3949)

Have a look what the booklet for
XYZ(54.7431, 58.3416, 51.3949)
contains.

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Color

**XYZ(54.8570, 58.3340,
51.5483)**

Conversions

Conversions Part 1

Format	Color
Hex	CFC9B4
RGB	207, 201, 180
RGB Percent	81%, 79%, 71%
CMY	0.1882, 0.2117, 0.2941
CMYK	0.00, 0.03, 0.13, 0.19
HSL	47°, 22%, 76%
HSV	47°, 13%, 81%
XYZ	54.8570, 58.3340, 51.5483
YIQ	200.4000, 10.3170, -5.2590

Conversions

Conversions Part 2

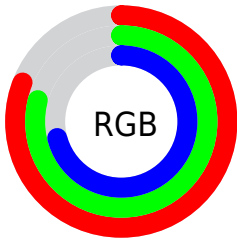
Format	Color
RYB	188, 207, 180
Decimal	13617588
CIELab	80.92, -1.48, 11.23
CIElCh	81, 11.331, 97.512
Yxy	58.3340, 0.3330, 0.3541
Android (android.graphics.Color)	4291807668 (0xFFCFC9B4)
YUV	200.4000, -10.0572, 5.7882
Hunter-Lab	76.3767, -5.4529, 13.4476

Details

The XYZ color **54.8570, 58.3340, 51.5483** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **47.6436, 49.3251, 66.0416**, and the grayscale version is **55.2033, 58.0782, 63.2471**.

A 20% lighter version of the original color is **92.1403, 98.8361, 93.5778**, and **27.4014, 29.1720, 24.2652** is the 20% darker color. If you saturate the color by 10%, you get **51.8487, 55.4436, 40.9072**, and if you desaturate by 10%, it is **58.2155, 61.4197, 63.8614**.

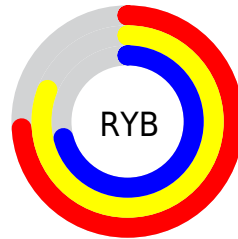
Distribution



Red (81%)

Green (79%)

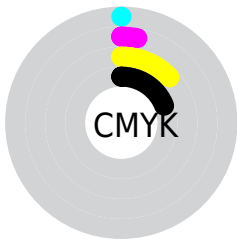
Blue (71%)



Red (74%)

Yellow (81%)

Blue (71%)

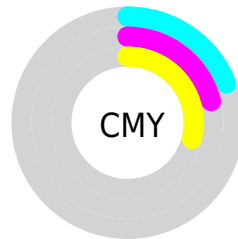


Cyan (0%)

Magenta (3%)

Yellow (13%)

Black (19%)



Cyan (19%)

Magenta (21%)

Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 54.8570, 58.3340, 51.5483 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 54.8570, 58.3340, 51.5483 by changing the saturation by 10% instead.

■ 54.8570, 58.3340,
51.5483

■ 54.8570, 58.3340,
51.5483

395.5149,
418.4293, 409.5975

■ 39.5206, 42.0772,
36.2654

■ 96.4810, 102.4091,
93.8845

■ 27.3475, 29.1618,
24.3479

123.4992,
130.9962, 121.7749

■ 17.9723, 19.2032,
15.3773

155.1422,
164.4622, 154.7049

■ 11.0297, 11.8172,
8.9351

191.7752,
203.1914, 193.0930

■ 6.1543, 6.6193,
4.6026

233.7637,
247.5684, 237.3578

■ 2.9807, 3.2252,
1.9614

281.4728,

■ 1.1435, 1.2504,

297.9774, 287.9178

0.5314

335.2681,
354.8030, 345.1915

■ 0.0611, 0.1023,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 54.8570, 58.3340,
51.5483

■ 54.8570, 58.3340,
51.5483

■ 51.8487, 55.4436,
40.9072

■ 58.2155, 61.4197,
63.8614

■ 49.1718, 52.7346,
31.8608

■ 61.9328, 64.6988,
77.9114

■ 46.8124, 50.2031,
24.3317

■ 66.0231, 68.1792,
93.7647

■ 44.7542, 47.8420,
18.2341

■ 69.2163, 71.3535,
104.7323

42.9790, 45.6436,
13.4740

70.4351, 73.7910,
105.1385

41.4664, 43.5993,
9.9459

71.6872, 76.2952,
105.5559

40.1932, 41.6993,
7.5283

72.9730, 78.8668,
105.9845

39.1312, 39.9320,
6.0751

74.2927, 81.5062,
106.4244

38.4830, 38.7668,
5.4545

75.6466, 84.2140,
106.8757

Harmonies

Analogous

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



57.1882, 58.3340, 52.3103



54.8570, 58.3340, 51.5483



52.7427, 58.3340, 53.8085

Triad

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



54.8570, 58.3340, 51.5483



51.9426, 58.3340, 71.7126



59.7184, 58.3340, 68.5869

Complementary

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



54.8570, 58.3340, 51.5483



47.6436, 49.3251, 66.0416

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.



58.2374, 58.3340, 74.3255



54.8570, 58.3340, 51.5483



53.7370, 58.3340, 76.2171

Square

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



54.8570, 58.3340, 51.5483



51.0913, 58.3340, 65.2200



56.0366, 58.3340, 77.2055



60.0387, 58.3340, 61.8416

Rectangle

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



54.8570, 58.3340, 51.5483



51.7258, 58.3340, 56.8258



56.0366, 58.3340, 77.2055



59.3378, 58.3340, 70.7113

Sweetspot

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



54.8586, 58.3366, 51.5495



92.7326, 97.9237, 100.2398



50.9489, 49.4666, 53.4852



19.7576, 20.8773, 21.1178



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.



54.8586, 58.3366, 51.5495



86.3406, 92.0001, 76.9595



54.3177, 60.1734, 51.9326



12.5715, 13.3336, 12.5231



24.3188, 24.5706, 3.4609



1.4160, 1.4864, 0.2123

Inverse Universe

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



47.6436, 49.3251, 66.0416



72.2972, 74.4608, 105.1696



48.1270, 47.7384, 65.7099



11.3736, 11.8374, 14.9290



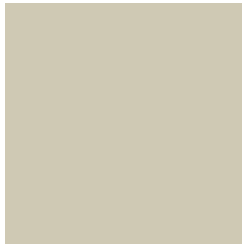
7.7691, 4.1849, 37.5908



0.4951, 0.3554, 2.1221

Previews

White Background



This preview shows how the XYZ color 54.8570, 58.3340, 51.5483 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 54.8570, 58.3340, 51.5483 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

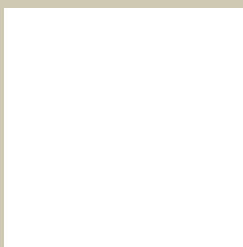
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 54.8570, 58.3340, 51.5483

Background



This preview shows how black text looks on a background with the XYZ color 54.8570, 58.3340, 51.5483.



This preview shows how white text looks on a background with the XYZ color 54.8570, 58.3340,

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

54.8570, 58.3340, 51.5483

Protanopia

55.1870, 58.1592, 51.4972

Deuteranopia

59.3108, 58.2507, 51.8335



Tritanopia

58.4876, 58.0822, 70.4157

Trichromacy



Original Color

54.8570, 58.3340, 51.5483

Protanomaly

54.9049, 58.0137, 51.4840

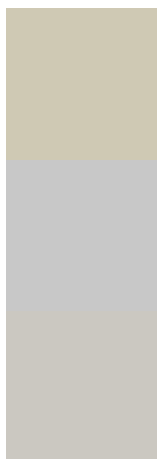
Deuteranomaly

57.8219, 58.4843, 51.9571

Tritanomaly

57.1978, 58.2599, 62.8742

Monochromacy



Original Color

54.8570, 58.3340, 51.5483

Achromatopsia

54.8990, 57.7580, 62.8985

Achromatomaly

54.9085, 57.8553, 58.7253

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.8570, 58.3340, 51.5483 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(207, 201, 180)` looks like.

```
.text, #text, p{  
    color:rgb(207, 201, 180)  
}
```

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(207, 201, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 201, 180) }
```

Border

The CSS property to change the border of an element to XYZ 54.8570, 58.3340, 51.5483 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(207, 201, 180) }
```


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

```
.border{ border-color:rgb(207, 201, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 201, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 201, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 201, 180);  
box-shadow:4px 4px 4px 4px rgb(207, 201,  
180) }
```

Background

The CSS property to change the background color of an element to XYZ 54.8570, 58.3340, 51.5483 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 201, 180) }
```

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

```
.background{ background-color: rgb(207,  
201, 180) }
```

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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