

Converting Colors

XYZ(54.5310, 58.1597, 53.6075)

Have a look what the booklet for
XYZ(54.5310, 58.1597, 53.6075)
contains.

XYZ(54.4402, 58.0713, 53.6870)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(54.4402, 58.0713,
53.6870)**

Conversions

Conversions Part 1

Format	Color
Hex	CCC9B8
RGB	204, 201, 184
RGB Percent	80%, 79%, 72%
CMY	0.2000, 0.2117, 0.2784
CMYK	0.00, 0.01, 0.10, 0.20
HSL	51°, 16%, 76%
HSV	51°, 10%, 80%
XYZ	54.4402, 58.0713, 53.6870
YIQ	199.9590, 7.2450, -4.6510

Conversions

Conversions Part 2

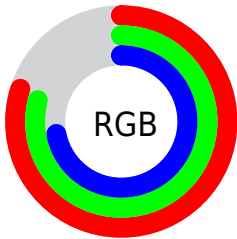
Format	Color
R _Y B	188, 204, 184
Decimal	13420984
CIE Lab	80.78, -1.91, 8.86
CIE LCh	81, 9.060, 102.173
Yxy	58.0713, 0.3276, 0.3494
Android (android.graphics.Color)	4291611064 (0xFFCCC9B8)
YUV	199.9590, -7.8678, 3.5440
Hunter-Lab	76.2045, -5.8383, 11.5727

Details

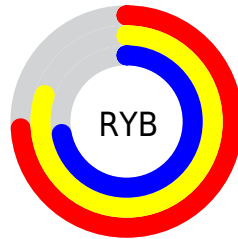
The XYZ color **54.4402, 58.0713, 53.6870** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **48.4366, 50.0899, 64.2428**, and the grayscale version is **54.9196, 57.7797, 62.9220**.

A 20% lighter version of the original color is **92.7282, 99.0713, 96.6734**, and **27.1081, 28.9902, 25.6396** is the 20% darker color. If you saturate the color by 10%, you get **51.7494, 55.8682, 42.9897**, and if you desaturate by 10%, it is **57.4568, 60.4312, 66.0157**.

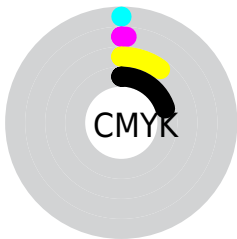
Distribution



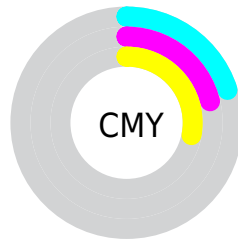
- Red (80%)
- Green (79%)
- Blue (72%)



- Red (74%)
- Yellow (80%)
- Blue (72%)



- Cyan (0%)
- Magenta (1%)
- Yellow (10%)
- Black (20%)



- Cyan (20%)
- Magenta (21%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 54.4402, 58.0713, 53.6870 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 54.4402, 58.0713, 53.6870 by changing the saturation by 10% instead.

■ 54.4402, 58.0713,
53.6870

■ 54.4402, 58.0713,
53.6870

393.9574,
417.4516, 418.0561

■ 39.1858, 41.8660,
37.9600

■ 95.8734, 102.0267,
97.0663

■ 27.0857, 28.9964,
25.6501

122.7829,
130.5455, 125.5557

■ 17.7745, 19.0781,
16.3386

154.3081,
163.9377, 159.1362

■ 10.8869, 11.7267,
9.6071

190.8143,
202.5875, 198.2266

■ 6.0576, 6.5579,
5.0371

232.6671,
246.8794, 243.2452

■ 2.9211, 3.1872,
2.2099

280.2316,

■ 1.1122, 1.2302,

297.1978, 294.6106

0.6801

333.8733,
353.9270, 352.7414

■ 0.0353, 0.0862,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 54.4402, 58.0713,
53.6870

■ 54.4402, 58.0713,
53.6870

■ 51.7494, 55.8682,
42.9897

■ 57.4568, 60.4312,
66.0157

■ 49.3664, 53.8090,
33.8509

■ 60.8069, 62.9453,
80.0373

■ 47.2786, 51.8902,
26.1977

■ 64.5037, 65.6211,
95.8143

■ 45.4708, 50.1057,
19.9497

■ 66.8040, 67.7614,
104.1660

■ 43.9261, 48.4486,
15.0192

■ 67.5811, 69.3156,
104.4251

■ 42.6259, 46.9113,
11.3084

■ 68.3728, 70.8988,
104.6890

■ 41.5490, 45.4852,
8.7059

■ 69.1791, 72.5114,
104.9577

■ 40.6703, 44.1602,
7.0800

■ 70.0001, 74.1535,
105.2314

■ 39.9440, 42.9177,
6.1902

■ 70.8359, 75.8251,
105.5100

Harmonies

Analogous

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



56.3033, 58.0713, 53.9231



54.4402, 58.0713, 53.6870



52.8157, 58.0713, 55.8998

Triad

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



54.4402, 58.0713, 53.6870



52.5725, 58.0713, 70.3995



58.6898, 58.0713, 66.4356

Complementary

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



54.4402, 58.0713, 53.6870



48.4366, 50.0899, 64.2428

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.



57.6448, 58.0713, 71.1740



54.4402, 58.0713, 53.6870



54.1014, 58.0713, 73.5500

Square

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



54.4402, 58.0713, 53.6870



51.7538, 58.0713, 65.4264



55.9568, 58.0713, 73.8412



58.7855, 58.0713, 61.0828

Rectangle

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



54.4402, 58.0713, 53.6870



52.0754, 58.0713, 58.5429



55.9568, 58.0713, 73.8412



58.4368, 58.0713, 68.1604

Sweetspot

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



54.4418, 58.0738, 53.6882



93.4781, 98.7880, 102.4203



51.0127, 50.7071, 54.1133



19.9201, 21.0762, 21.5608



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.



54.4418, 58.0738, 53.6882



89.0639, 95.2935, 84.5051



53.2713, 58.5174, 53.8356



12.0051, 12.7991, 11.9172



25.1865, 27.1060, 3.9045



1.3392, 1.4781, 0.2147

Inverse Universe

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



48.4366, 50.0899, 64.2428



76.9295, 79.1611, 105.8327



49.5262, 49.7179, 64.1135



10.7352, 11.1107, 14.1492



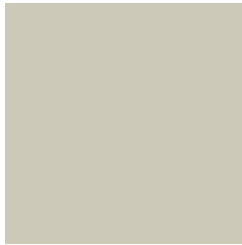
7.2040, 3.4320, 36.2390



0.4161, 0.2660, 1.8843

Previews

White Background



This preview shows how the XYZ color 54.4402, 58.0713, 53.6870 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 54.4402, 58.0713, 53.6870 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

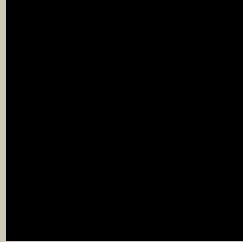
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

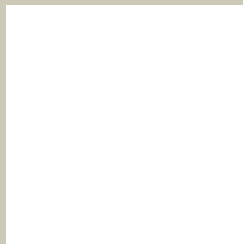
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 54.4402, 58.0713, 53.6870

Background



This preview shows how black text looks on a background with the XYZ color 54.4402, 58.0713, 53.6870.



This preview shows how white text looks on a background with the XYZ color 54.4402, 58.0713,

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

54.4402, 58.0713, 53.6870

Protanopia

55.2139, 58.1373, 53.1113

Deuteranopia

58.9842, 57.6927, 54.4814



Tritanopia

57.8623, 58.0959, 70.4513

Trichromacy



Original Color

54.4402, 58.0713, 53.6870

Protanomaly

54.9336, 57.9928, 53.0982

Deuteranomaly

57.1122, 57.7344, 54.0327

Tritanomaly

56.5869, 57.9178, 64.0739

Monochromacy



Original Color

54.4402, 58.0713, 53.6870

Achromatopsia

54.8990, 57.7580, 62.8985

Achromatomaly

54.4793, 57.6211, 59.2896

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.4402, 58.0713, 53.6870 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(204, 201, 184) looks like.

```
.text, #text, p{  
    color:rgb(204, 201, 184)  
}
```

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(204, 201, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 201, 184) }
```

Border

The CSS property to change the border of an element to XYZ 54.4402, 58.0713, 53.6870 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(204, 201, 184) }
```


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

```
.border{ border-color:rgb(204, 201, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 201, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 201, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 201, 184);  
box-shadow:4px 4px 4px 4px rgb(204, 201,  
184) }
```

Background

The CSS property to change the background color of an element to XYZ 54.4402, 58.0713, 53.6870 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 201, 184) }
```

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

```
.background{ background-color: rgb(204,  
201, 184) }
```

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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