

Converting Colors

XYZ(54.4157, 58.6724, 48.2472)

Have a look what the booklet for
XYZ(54.4157, 58.6724, 48.2472)
contains.

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Color

**XYZ(54.4926, 58.5625,
48.4760)**

Conversions

Conversions Part 1

Format	Color
Hex	CFCAAEE
RGB	207, 202, 174
RGB Percent	81%, 79%, 68%
CMY	0.1882, 0.2078, 0.3176
CMYK	0.00, 0.02, 0.16, 0.19
HSL	51°, 26%, 75%
HSV	51°, 16%, 81%
XYZ	54.4926, 58.5625, 48.4760
YIQ	200.3030, 11.9680, -7.6480

Conversions

Conversions Part 2

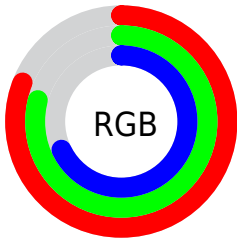
Format	Color
R_{YB}	180, 207, 174
Decimal	13617838
CIE _{Lab}	81.05, -2.95, 14.61
CIE _{LCh}	81, 14.907, 101.414
Yxy	58.5625, 0.3374, 0.3625
Android (android.graphics.Color)	4291807918 (0xFFCFCAAE)
YUV	200.3030, -12.9674, 5.8733
Hunter-Lab	76.5261, -6.8148, 16.0106

Details

The XYZ color **54.4926, 58.5625, 48.4760** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **44.8379, 45.7427, 65.4978**, and the grayscale version is **55.1601, 58.0327, 63.1976**.

A 20% lighter version of the original color is **91.2829, 98.4932, 89.0629**, and **27.0517, 29.2603, 22.6344** is the 20% darker color. If you saturate the color by 10%, you get **51.9009, 56.3633, 38.4115**, and if you desaturate by 10%, it is **57.4134, 60.9212, 60.1860**.

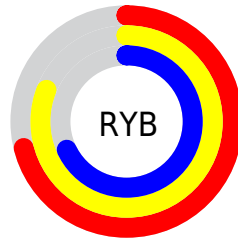
Distribution



Red (81%)

Green (79%)

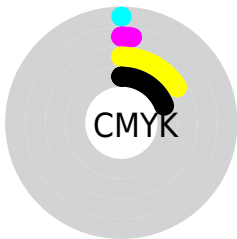
Blue (68%)



Red (71%)

Yellow (81%)

Blue (68%)

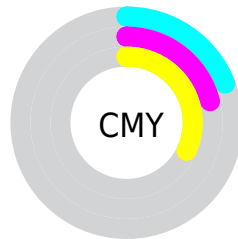


Cyan (0%)

Magenta (2%)

Yellow (16%)

Black (19%)



Cyan (19%)

Magenta (21%)

Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 54.4926, 58.5625, 48.4760 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 54.4926, 58.5625, 48.4760 by changing the saturation by 10% instead.

■ 54.4926, 58.5625,
48.4760

■ 54.4926, 58.5625,
48.4760

394.1534,
419.2787, 397.2388

■ 39.2279, 42.2610,
33.8413

■ 95.9498, 102.7415,
89.2856

■ 27.1186, 29.3057,
22.4954

122.8730,
131.3879, 116.2976

■ 17.7993, 19.3122,
14.0195

154.4130,
164.9180, 148.2725

■ 10.9048, 11.8961,
7.9954

190.9352,
203.7163, 185.6288

■ 6.0697, 6.6730,
4.0042

232.8051,
248.1671, 228.7850

■ 2.9286, 3.2584,
1.6277

280.3878,

■ 1.1161, 1.2681,

298.6548, 278.1597

0.3104

334.0488,
355.5639, 334.1715

■ 0.0385, 0.1163,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 54.4926, 58.5625,
48.4760

■ 54.4926, 58.5625,
48.4760

■ 51.9009, 56.3633,
38.4115

■ 57.4134, 60.9212,
60.1860

■ 49.6194, 54.3100,
29.9139

■ 60.6719, 63.4370,
73.6077

■ 47.6342, 52.3988,
22.9039

■ 64.2825, 66.1178,
88.8083

■ 45.9286, 50.6228,
17.2936

■ 67.9654, 68.8518,
104.3153

44.4839, 48.9747,
12.9862

68.7687, 70.4584,
104.5831

43.2795, 47.4457,
9.8721

69.5874, 72.0957,
104.8560

42.2910, 46.0262,
7.8239

70.4215, 73.7639,
105.1340

41.4883, 44.7039,
6.6833

71.2711, 75.4632,
105.4172

41.1923, 44.1856,
6.3576

72.1363, 77.1936,
105.7056

Harmonies

Analogous

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



57.5801, 58.5625, 48.9371



54.4926, 58.5625, 48.4760



51.8177, 58.5625, 51.8189

Triad

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



54.4926, 58.5625, 48.4760



51.3175, 58.5625, 75.7151



61.4948, 58.5625, 69.3521

Complementary

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



54.4926, 58.5625, 48.4760



44.8379, 45.7427, 65.4978

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.



59.6917, 58.5625, 77.4181



54.4926, 58.5625, 48.4760



53.7867, 58.5625, 81.3201

Square

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



54.4926, 58.5625, 48.4760



50.0304, 58.5625, 67.1969



56.8478, 58.5625, 81.9708



61.7009, 58.5625, 60.4512

Rectangle

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



54.4926, 58.5625, 48.4760



50.5985, 58.5625, 55.9530



56.8478, 58.5625, 81.9708



61.0523, 58.5625, 72.2714

Sweetspot

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



54.4942, 58.5651, 48.4772



92.4520, 97.9806, 98.2408



49.0561, 46.8132, 49.3645



19.7128, 20.9123, 20.7191



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.



54.4942, 58.5651, 48.4772



85.9124, 92.6727, 72.1030



52.7182, 59.4178, 48.7354



12.6446, 13.4800, 12.5475



26.0085, 27.9501, 4.0241



1.4965, 1.6474, 0.2391

Inverse Universe

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



44.8379, 45.7427, 65.4978



67.6738, 68.4550, 104.2541



46.4068, 45.0922, 65.2895



11.3061, 11.7024, 14.9066



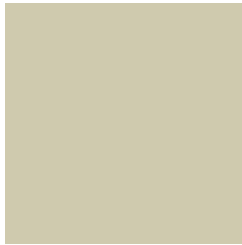
7.4538, 3.5541, 37.4856



0.4638, 0.2928, 2.1116

Previews

White Background



This preview shows how the XYZ color 54.4926, 58.5625, 48.4760 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 54.4926, 58.5625, 48.4760 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

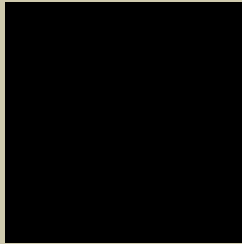
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

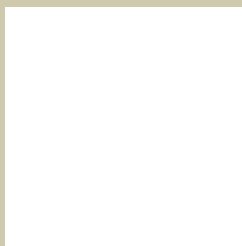
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 54.4926, 58.5625, 48.4760

Background



This preview shows how black text looks on a background with the XYZ color 54.4926, 58.5625, 48.4760.



This preview shows how white text looks on a background with the XYZ color 54.4926, 58.5625,

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

54.4926, 58.5625, 48.4760

Protanopia

55.2934, 58.6393, 47.9394

Deuteranopia

59.7614, 58.5412, 49.2241



Tritanopia

59.0013, 58.6830, 70.5046

Trichromacy



Original Color

54.4926, 58.5625, 48.4760

Protanomaly

55.0078, 58.4921, 47.9260

Deuteranomaly

57.8283, 58.5572, 48.8122

Tritanomaly

57.1948, 58.6257, 61.7275

Monochromacy



Original Color

54.4926, 58.5625, 48.4760

Achromatopsia

54.8990, 57.7580, 62.8985

Achromatomaly

54.9192, 58.2314, 57.6354

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.4926, 58.5625, 48.4760 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, 202, 174)` looks like.

```
.text, #text, p{  
    color:rgb(207, 202, 174)  
}
```

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, 202, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 202, 174) }
```

Border

The CSS property to change the border of an element to XYZ 54.4926, 58.5625, 48.4760 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, 202, 174) }
```


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

```
.border{ border-color:rgb(207, 202, 174) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 202, 174)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 202, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 202, 174);  
box-shadow:4px 4px 4px 4px rgb(207, 202,  
174) }
```

Background

The CSS property to change the background color of an element to XYZ 54.4926, 58.5625, 48.4760 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 202, 174) }
```

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

```
.background{ background-color: rgb(207,  
202, 174) }
```

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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