

Converting Colors

XYZ(55.0272, 57.4928, 49.3063)

Have a look what the booklet for
XYZ(55.0272, 57.4928, 49.3063)
contains.

XYZ(54.8945, 57.3716, 49.2549)	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(54.8945, 57.3716,
49.2549)**

Conversions

Conversions Part 1

Format	Color
Hex	D3C6B0
RGB	211, 198, 176
RGB Percent	83%, 78%, 69%
CMY	0.1725, 0.2235, 0.3098
CMYK	0.00, 0.06, 0.17, 0.17
HSL	38°, 28%, 76%
HSV	38°, 17%, 83%
XYZ	54.8945, 57.3716, 49.2549
YIQ	199.3790, 14.8100, -4.0860

Conversions

Conversions Part 2

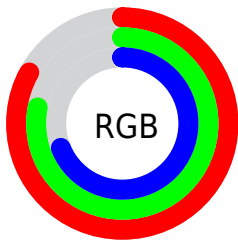
Format	Color
RYB	197, 211, 176
Decimal	13878960
CIELab	80.39, 0.92, 12.66
CIElCh	80, 12.690, 85.826
Yxy	57.3716, 0.3399, 0.3552
Android (android.graphics.Color)	4292069040 (0xFFD3C6B0)
YUV	199.3790, -11.5258, 10.1916
Hunter-Lab	75.7440, -3.1865, 14.4657

Details

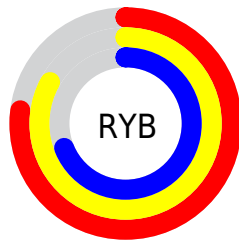
The XYZ color **54.8945, 57.3716, 49.2549** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **47.8598, 50.3274, 68.8201**, and the grayscale version is **54.5815, 57.4240, 62.5348**.

A 20% lighter version of the original color is **91.5655, 98.6062, 90.5508**, and **27.2587, 28.4445, 22.7925** is the 20% darker color. If you saturate the color by 10%, you get **51.2227, 53.1130, 38.5191**, and if you desaturate by 10%, it is **58.9866, 61.9504, 61.7331**.

Distribution



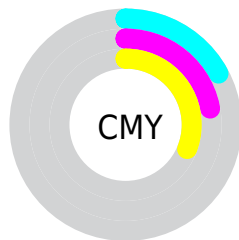
- Red (83%)
- Green (78%)
- Blue (69%)



- Red (77%)
- Yellow (83%)
- Blue (69%)



- Cyan (0%)
- Magenta (6%)
- Yellow (17%)
- Black (17%)



- Cyan (17%)
- Magenta (22%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 54.8945, 57.3716, 49.2549 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 54.8945, 57.3716, 49.2549 by changing the saturation by 10% instead.

■ 54.8945, 57.3716,
49.2549

■ 54.8945, 57.3716,
49.2549

395.6548,
414.8403, 400.3962

■ 39.5508, 41.3037,
34.4547

■ 96.5356, 101.0072,
90.4548

■ 27.3711, 28.5564,
22.9629

123.5637,
129.3436, 117.6916

■ 17.9902, 18.7455,
14.3611

155.2172,
162.5384, 149.9110

■ 11.0426, 11.4865,
8.2306

191.8616,
200.9758, 187.5316

■ 6.1630, 6.3951,
4.1530

233.8622,
245.0403, 230.9719

■ 2.9860, 3.0868,
1.7096

281.5844,

■ 1.1464, 1.1772,

295.1163, 280.6504

0.3673

335.3935,
351.5882, 336.9856

■ 0.0634, 0.0430,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 54.8945, 57.3716,
49.2549

■ 54.8945, 57.3716,
49.2549

■ 51.2227, 53.1130,
38.5191

■ 58.9866, 61.9504,
61.7331

■ 47.9502, 49.1583,
29.4430

■ 63.5097, 66.8500,
76.0242

■ 45.0611, 45.5006,
21.9423

■ 68.4799, 72.0810,
92.1991

■ 42.5362, 42.1301,
15.9241

■ 73.0287, 77.2980,
105.6787

■ 40.3548, 39.0360,
11.2854

■ 75.2500, 81.7407,
106.4192

■ 38.4932, 36.2064,
7.9101

■ 77.5705, 86.3817,
107.1927

■ 36.9243, 33.6280,
5.6623

■ 79.9914, 91.2234,
107.9996

■ 35.6134, 31.2843,
4.3682

■ 80.6741, 92.5890,
108.2272

■ 35.2044, 30.5295,
4.0373

Harmonies

Analogous

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



57.3851, 57.3716, 51.3607



54.8945, 57.3716, 49.2549



52.3820, 57.3716, 50.4519

Triad

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



54.8945, 57.3716, 49.2549



50.1548, 57.3716, 68.9117



58.7693, 57.3716, 70.8559

Complementary

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



54.8945, 57.3716, 49.2549



47.8598, 50.3274, 68.8201

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.



56.7359, 57.3716, 76.2546



54.8945, 57.3716, 49.2549



51.7711, 57.3716, 75.0711

Square

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



54.8945, 57.3716, 49.2549



49.6968, 57.3716, 61.4321



54.1671, 57.3716, 77.8549



59.6668, 57.3716, 63.5153

Rectangle

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



54.8945, 57.3716, 49.2549



51.0241, 57.3716, 53.0171



54.1671, 57.3716, 77.8549



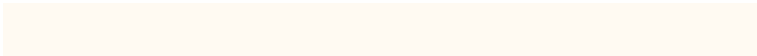
58.1929, 57.3716, 72.9800

Sweetspot

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



54.8960, 57.3742, 49.2561



91.5729, 96.2224, 97.9478



51.6205, 48.5926, 55.0409



19.4987, 20.4841, 20.6477



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.



54.8960, 57.3742, 49.2561



82.1527, 85.6469, 69.3283



56.8401, 62.9770, 50.2351



12.4191, 13.0289, 12.4723



21.3467, 18.6265, 2.4702



1.2682, 1.1907, 0.1630

Inverse Universe

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



47.8598, 50.3274, 68.8201



69.3226, 72.7990, 105.0057



46.1257, 45.4680, 67.9735



11.5181, 12.1265, 14.9772



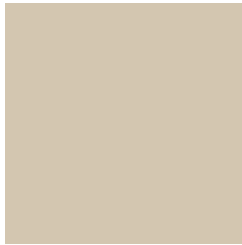
8.8453, 6.3373, 37.9495



0.5697, 0.5046, 2.1469

Previews

White Background



This preview shows how the XYZ color 54.8945, 57.3716, 49.2549 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 54.8945, 57.3716, 49.2549 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

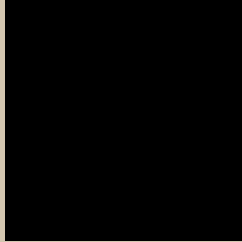
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

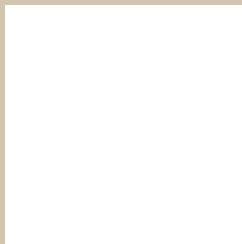
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 54.8945, 57.3716, 49.2549

Background



This preview shows how black text looks on a background with the XYZ color 54.8945, 57.3716, 49.2549.



This preview shows how white text looks on a background with the XYZ color 54.8945, 57.3716,

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

54.8945, 57.3716, 49.2549

Protanopia

54.2723, 57.3913, 49.2915

Deuteranopia

58.4640, 57.2045, 49.5552



Tritanopia

58.4795, 57.1411, 67.6216

Trichromacy



Original Color

54.8945, 57.3716, 49.2549

Protanomaly

54.5544, 57.5367, 49.3047

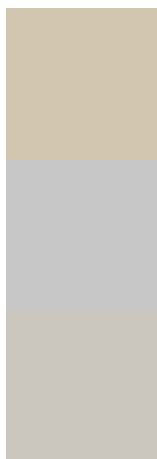
Deuteranomaly

57.0464, 57.1300, 49.6155

Tritanomaly

57.2105, 57.3119, 60.2715

Monochromacy



Original Color

54.8945, 57.3716, 49.2549

Achromatopsia

54.2854, 57.1125, 62.1955

Achromatomaly

54.4560, 57.3049, 57.4810

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.8945, 57.3716, 49.2549 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(211, 198, 176)` looks like.

```
.text, #text, p{  
    color:rgb(211, 198, 176)  
}
```

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(211, 198, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 198, 176) }
```

Border

The CSS property to change the border of an element to XYZ 54.8945, 57.3716, 49.2549 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(211, 198, 176) }
```


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

```
.border{ border-color:rgb(211, 198, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(211, 198, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 198, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 198, 176);  
box-shadow:4px 4px 4px 4px rgb(211, 198,  
176) }
```

Background

The CSS property to change the background color of an element to XYZ 54.8945, 57.3716, 49.2549 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 198, 176) }
```

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

```
.background{ background-color: rgb(211,  
198, 176) }
```

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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