

Converting Colors

XYZ(55.3449, 49.8547, 45.7389)

Have a look what the booklet for
XYZ(55.3449, 49.8547, 45.7389)
contains.

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Color

**XYZ(55.3450, 49.8546,
45.7356)**

Conversions

Conversions Part 1

Format	Color
Hex	E7ADAC
RGB	231, 173, 172
RGB Percent	91%, 68%, 67%
CMY	0.0941, 0.3215, 0.3255
CMYK	0.00, 0.25, 0.26, 0.09
HSL	1°, 55%, 79%
HSV	1°, 26%, 91%
XYZ	55.3450, 49.8546, 45.7356
YIQ	190.2280, 34.8890, 11.9850

Conversions

Conversions Part 2

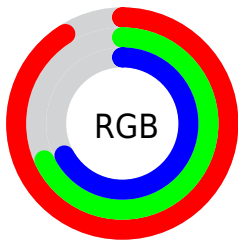
Format	Color
R _Y B	231, 173, 172
Decimal	15183276
CIE Lab	75.98, 21.06, 8.80
CIE LCh	76, 22.827, 22.685
Yxy	49.8546, 0.3667, 0.3303
Android (android.graphics.Color)	4293373356 (0xFFE7ADAC)
YUV	190.2280, -8.9864, 35.7570
Hunter-Lab	70.6078, 16.3513, 11.0209

Details

The XYZ color **55.3450, 49.8546, 45.7356** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **59.7332, 71.1319, 86.1833**, and the grayscale version is **49.1121, 51.6698, 56.2684**.

A 20% lighter version of the original color is **83.1244, 82.8447, 84.2825**, and **27.5622, 23.7877, 20.9081** is the 20% darker color. If you saturate the color by 10%, you get **49.3262, 41.0640, 33.7188**, and if you desaturate by 10%, it is **62.4921, 60.2840, 60.0321**.

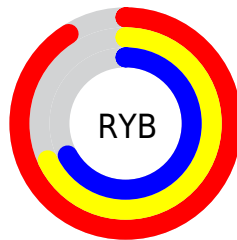
Distribution



Red (91%)

Green (68%)

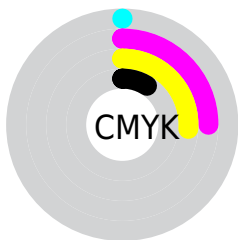
Blue (67%)



Red (91%)

Yellow (68%)

Blue (67%)

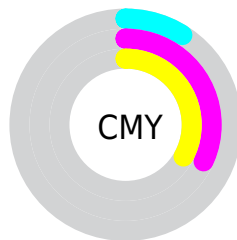


Cyan (0%)

Magenta (25%)

Yellow (26%)

Black (9%)



Cyan (9%)

Magenta (32%)

Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 55.3450, 49.8546, 45.7356 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 55.3450, 49.8546, 45.7356 by changing the saturation by 10% instead.

■ 55.3450, 49.8546,
45.7356

■ 55.3450, 49.8546,
45.7356

397.3335,
386.0971, 385.9913

■ 39.9129, 35.2979,
31.6901

■ 97.1916, 89.9594,
85.1533

■ 27.6546, 23.8924,
20.8620

124.3369,
116.2763, 111.3625

■ 18.2046, 15.2538,
12.8329

156.1173,
147.2820, 142.4634

■ 11.1975, 8.9977,
7.1842

192.8982,
183.3610, 178.8744

■ 6.2681, 4.7397,
3.4974

235.0449,
224.8976, 221.0142

■ 3.0510, 2.0954,
1.3539

282.9228,

■ 1.1808, 0.6620,

272.2762, 269.3012

0.1053

336.8972,
325.8812, 324.1541

■ 0.0911, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 55.3450, 49.8546,
45.7356

■ 55.3450, 49.8546,
45.7356

■ 49.3262, 41.0640,
33.7188

■ 62.4921, 60.2840,
60.0321

■ 44.3743, 33.8224,
23.8610

■ 70.8167, 72.4220,
76.7143

■ 40.4283, 28.0421,
16.0353

■ 80.3701, 86.3432,
95.8853

■ 37.4192, 23.6239,
10.1000

■ 86.7652, 95.7290,
108.5123

■ 35.2696, 20.4561,
5.8954

■ 33.8896, 18.4096,
3.2357

■ 33.1694, 17.3272,
1.8921

■ 32.9979, 17.0744,
1.5565

Harmonies

Analogous

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



55.9757, 49.8546, 57.3226



55.3450, 49.8546, 45.7356



52.5220, 49.8546, 37.6935

Triad

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



55.3450, 49.8546, 45.7356



41.1694, 49.8546, 41.2777



46.3509, 49.8546, 81.0098

Complementary

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



55.3450, 49.8546, 45.7356



59.7332, 71.1319, 86.1833

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.



42.5950, 49.8546, 75.1411



55.3450, 49.8546, 45.7356



39.7220, 49.8546, 51.3531

Square

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



55.3450, 49.8546, 45.7356



44.2983, 49.8546, 35.4013



40.2279, 49.8546, 63.8344



50.6125, 49.8546, 78.9092

Rectangle

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



55.3450, 49.8546, 45.7356



49.8632, 49.8546, 34.8394



40.2279, 49.8546, 63.8344



44.9909, 49.8546, 79.8771

Sweetspot

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



55.3463, 49.8569, 45.7366



85.8709, 86.6215, 90.4884



61.9933, 52.2087, 81.6855



18.0342, 18.0365, 18.6752



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.



55.3463, 49.8569, 45.7366



64.8521, 55.9539, 48.4305



61.6360, 62.4363, 47.8332



14.3966, 14.4070, 14.9265



18.5080, 9.5902, 0.8756



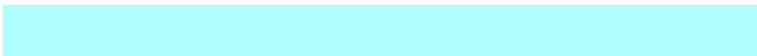
1.3747, 0.7227, 0.0670

Inverse Universe

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



59.7332, 71.1319, 86.1833



71.2754, 87.1087, 107.6648



52.2118, 56.0891, 83.6762



14.7853, 16.2921, 18.5097



23.5061, 34.0743, 47.7213



1.7438, 2.5315, 3.5287

Previews

White Background



This preview shows how the XYZ color 55.3450, 49.8546, 45.7356 looks on a white background.

Color Contrast Check

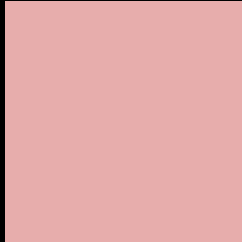
Large Text (above 18pt) WCAG AA × Fail

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 55.3450, 49.8546, 45.7356 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 55.3450, 49.8546, 45.7356

Background



This preview shows how black text looks on a background with the XYZ color 55.3450, 49.8546, 45.7356.



This preview shows how white text looks on a background with the XYZ color 55.3450, 49.8546,

45.7356.

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

55.3450, 49.8546, 45.7356

Protanopia

47.8993, 50.1328, 49.7999

Deuteranopia

51.0259, 49.9851, 45.4868



Tritanopia

56.4934, 49.7423, 51.9711

Trichromacy



Original Color

55.3450, 49.8546, 45.7356

Protanomaly

50.2965, 49.8559, 48.0465

Deuteranomaly

52.4845, 49.8411, 45.3821

Tritanomaly

56.2695, 49.9561, 49.8568

Monochromacy



Original Color

55.3450, 49.8546, 45.7356

Achromatopsia

48.9429, 51.4918, 56.0745

Achromatomaly

50.8646, 50.6790, 51.9009

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.3450, 49.8546, 45.7356 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(231, 173, 172)` looks like.

```
.text, #text, p{  
    color:rgb(231, 173, 172)  
}
```

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(231, 173, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 173, 172) }
```

Border

The CSS property to change the border of an element to XYZ 55.3450, 49.8546, 45.7356 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(231, 173, 172) }
```


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

```
.border{ border-color:rgb(231, 173, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(231, 173, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 173, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 173, 172);  
box-shadow:4px 4px 4px 4px rgb(231, 173,  
172) }
```

Background

The CSS property to change the background color of an element to XYZ 55.3450, 49.8546, 45.7356 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 173, 172) }
```

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

```
.background{ background-color: rgb(231,  
173, 172) }
```

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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