

Converting Colors

XYZ(55.2905, 48.8527, 45.6816)

Have a look what the booklet for
XYZ(55.2905, 48.8527, 45.6816)
contains.

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Color

**XYZ(55.4254, 49.0516,
45.5764)**

Conversions

Conversions Part 1

Format	Color
Hex	E9AAAC
RGB	233, 170, 172
RGB Percent	91%, 67%, 67%
CMY	0.0863, 0.3333, 0.3255
CMYK	0.00, 0.27, 0.26, 0.09
HSL	358°, 59%, 79%
HSV	358°, 27%, 91%
XYZ	55.4254, 49.0516, 45.5764
YIQ	189.0650, 36.9060, 13.9780

Conversions

Conversions Part 2

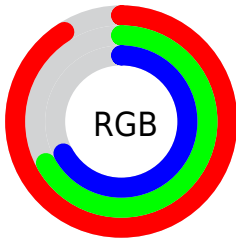
Format	Color
R _Y B	233, 170, 172
Decimal	15313580
CIE Lab	75.48, 23.40, 8.12
CIE LCh	75, 24.772, 19.138
Yxy	49.0516, 0.3694, 0.3269
Android (android.graphics.Color)	4293503660 (0xFFE9AAAC)
YUV	189.0650, -8.4130, 38.5310
Hunter-Lab	70.0368, 18.6959, 10.4429

Details

The XYZ color **55.4254, 49.0516, 45.5764** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **60.1423, 72.5946, 86.4472**, and the grayscale version is **48.4399, 50.9625, 55.4982**.

A 20% lighter version of the original color is **82.3015, 81.1988, 84.0082**, and **27.6560, 23.3088, 20.8107** is the 20% darker color. If you saturate the color by 10%, you get **49.4524, 40.2837, 33.7871**, and if you desaturate by 10%, it is **62.5430, 59.5194, 59.5632**.

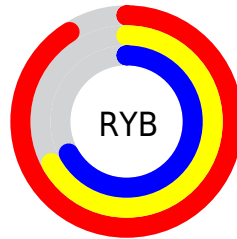
Distribution



Red (91%)

Green (67%)

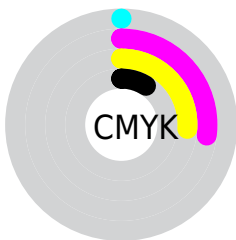
Blue (67%)



Red (91%)

Yellow (67%)

Blue (67%)

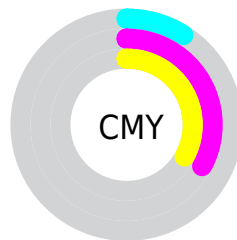


Cyan (0%)

Magenta (27%)

Yellow (26%)

Black (9%)



Cyan (9%)

Magenta (33%)

Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 55.4254, 49.0516, 45.5764 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 55.4254, 49.0516, 45.5764 by changing the saturation by 10% instead.

55.4254, 49.0516,
45.5764

55.4254, 49.0516,
45.5764

397.6327,
382.9454, 385.3310

39.9776, 34.6604,
31.5654

97.3086, 88.7681,
84.9123

27.7052, 23.4014,
20.7677

124.4748,
114.8622, 111.0743

18.2429, 14.8902,
12.7647

156.2778,
145.6260, 142.1237

11.2252, 8.7423,
7.1379

193.0830,
181.4440, 178.4791

6.2870, 4.5735,
3.4688

235.2557,
222.7006, 220.5589

3.0627, 1.9993,
1.3387

283.1613,

1.1870, 0.6070,

269.7801, 268.7819

0.0932

337.1652,
323.0669, 323.5664

■ 0.0961, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 55.4254, 49.0516,
45.5764

■ 55.4254, 49.0516,
45.5764

■ 49.4524, 40.2837,
33.7871

■ 62.5430, 59.5194,
59.5632

■ 44.5606, 33.1196,
24.0809

■ 70.8565, 71.7627,
75.8480

■ 40.6865, 27.4642,
16.3376

■ 80.4185, 85.8611,
94.5289

■ 37.7583, 23.2097,
10.4234

■ 87.4144, 96.0637,
108.5427

■ 35.6951, 20.2340,
6.1880

■ 34.4021, 18.3940,
3.4571

■ 33.7591, 17.5055,
2.0175

■ 33.6449, 17.3399,
1.7856

Harmonies

Analogous

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



55.7945, 49.0516, 58.2925



55.4254, 49.0516, 45.5764



52.6101, 49.0516, 36.5486

Triad

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



55.4254, 49.0516, 45.5764



40.2876, 49.0516, 38.5793



44.9858, 49.0516, 82.1298

Complementary

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



55.4254, 49.0516, 45.5764



60.1423, 72.5946, 86.4472

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.



41.1066, 49.0516, 74.7901



55.4254, 49.0516, 45.5764



38.5144, 49.0516, 48.8059

Square

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



55.4254, 49.0516, 45.5764



43.8004, 49.0516, 32.9885



38.8041, 49.0516, 62.0909



49.5625, 49.0516, 80.8838

Rectangle

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



55.4254, 49.0516, 45.5764



49.8216, 49.0516, 33.1766



38.8041, 49.0516, 62.0909



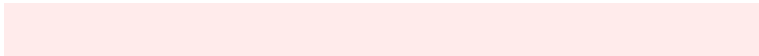
43.5625, 49.0516, 80.5429

Sweetspot

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



55.4267, 49.0539, 45.5774



85.8649, 86.4603, 90.9468



62.0068, 51.6072, 83.7842



18.0327, 17.9964, 18.7894



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.



55.4267, 49.0539, 45.5774



64.0954, 54.4348, 48.1953



61.3770, 61.2589, 46.6222



15.0848, 15.0618, 15.7319



19.0992, 9.8424, 1.0578



1.5066, 0.7756, 0.1190

Inverse Universe

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



55.4267, 49.0539, 45.5774



64.0954, 54.4348, 48.1953



52.7854, 57.4271, 85.3936



15.0848, 15.0618, 15.7319



19.0992, 9.8424, 1.0578



1.5066, 0.7756, 0.1190

Previews

White Background



This preview shows how the XYZ color 55.4254, 49.0516, 45.5764 looks on a white background.

Color Contrast Check

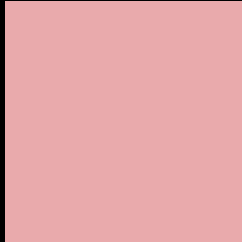
Large Text (above 18pt) WCAG AA × Fail

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 55.4254, 49.0516, 45.5764 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

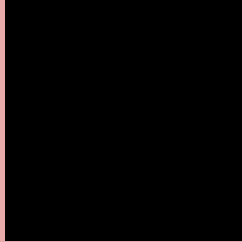
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 55.4254, 49.0516, 45.5764

Background



This preview shows how black text looks on a background with the XYZ color 55.4254, 49.0516, 45.5764.



This preview shows how white text looks on a background with the XYZ color 55.4254, 49.0516,

45.5764.

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

55.4254, 49.0516, 45.5764

Protanopia

47.0730, 49.0696, 50.1704

Deuteranopia

50.1553, 49.2464, 44.8923



Tritanopia

56.4601, 49.2046, 50.2377

Trichromacy



Original Color

55.4254, 49.0516, 45.5764

Protanomaly

49.7107, 48.9387, 48.4210

Deuteranomaly

51.7895, 48.8964, 45.2364

Tritanomaly

56.1555, 49.0827, 48.6337

Monochromacy



Original Color

55.4254, 49.0516, 45.5764

Achromatopsia

48.3692, 50.8881, 55.4172

Achromatomaly

50.4520, 49.8539, 51.7634

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.4254, 49.0516, 45.5764 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(233, 170, 172)` looks like.

```
.text, #text, p{  
    color:rgb(233, 170, 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(233, 170, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 170, 172) }
```

Border

The CSS property to change the border of an element to XYZ 55.4254, 49.0516, 45.5764 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(233, 170, 172) }
```


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

```
.border{ border-color:rgb(233, 170, 172) }
```

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

Here you see how a box with a 4 pixel rgb(233, 170, 172) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(233, 170, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(233, 170, 172);  
box-shadow:4px 4px 4px 4px rgb(233, 170,  
172) }
```

Background

The CSS property to change the background color of an element to XYZ 55.4254, 49.0516, 45.5764 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 170, 172) }
```

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

```
.background{ background-color: rgb(233,  
170, 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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