

Converting Colors

XYZ(54.4178, 48.2183, 35.2512)

Have a look what the booklet for
XYZ(54.4178, 48.2183, 35.2512)
contains.

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Color

**XYZ(54.4327, 48.2118,
35.2911)**

Conversions

Conversions Part 1

Format	Color
Hex	EDA896
RGB	237, 168, 150
RGB Percent	93%, 66%, 59%
CMY	0.0706, 0.3412, 0.4118
CMYK	0.00, 0.29, 0.37, 0.07
HSL	12°, 71%, 76%
HSV	12°, 37%, 93%
XYZ	54.4327, 48.2118, 35.2911
YIQ	186.5790, 46.9020, 9.0300

Conversions

Conversions Part 2

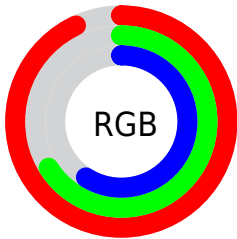
Format	Color
R _Y B	237, 173, 150
Decimal	15575190
CIE Lab	74.96, 23.16, 19.44
CIE LCh	75, 30.237, 40.016
Yxy	48.2118, 0.3946, 0.3495
Android (android.graphics.Color)	4293765270 (0xFFEDA896)
YUV	186.5790, -18.0334, 44.2192
Hunter-Lab	69.4347, 18.4227, 18.4694

Details

The XYZ color **54.4327, 48.2118, 35.2911** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **53.1943, 63.2592, 89.5273**, and the grayscale version is **47.0779, 49.5296, 53.9377**.

A 20% lighter version of the original color is **78.5268, 78.3950, 68.1197**, and **27.0879, 22.9753, 14.8114** is the 20% darker color. If you saturate the color by 10%, you get **49.4913, 41.0804, 25.1616**, and if you desaturate by 10%, it is **60.2641, 56.5053, 47.6223**.

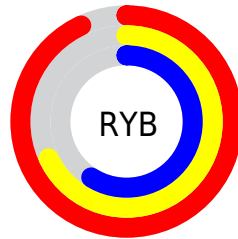
Distribution



Red (93%)

Green (66%)

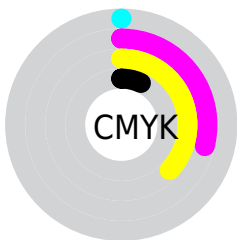
Blue (59%)



Red (93%)

Yellow (68%)

Blue (59%)

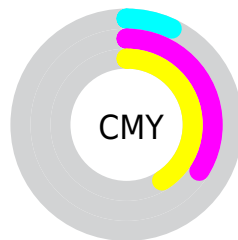


Cyan (0%)

Magenta (29%)

Yellow (37%)

Black (7%)



Cyan (7%)


Magenta (34%)


Yellow (41%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 54.4327, 48.2118, 35.2911 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 54.4327, 48.2118, 35.2911 by changing the saturation by 10% instead.


 54.4327, 48.2118,
35.2911


 54.4327, 48.2118,
35.2911


393.9294,
379.6310, 340.7946

 39.1798, 33.9946,
23.6019


 95.8625, 87.5197,
69.0932

 27.0809, 22.8895,
14.8291


 122.7700,
113.3792, 92.0431

 17.7709, 14.5119,
8.5542

154.2930,
143.8883, 119.5836

 10.8843, 8.4776,
4.3588

190.7970,
179.4313, 152.1333

 6.0558, 4.4020,
1.8242

232.6473,
220.3927, 190.1107

 2.9200, 1.9009,
0.4438

280.2092,

 1.1116, 0.5489,

267.1569, 233.9343

0.0000

333.8481,
320.1082, 284.0228

■ 0.0348, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 54.4327, 48.2118,
35.2911

■ 54.4327, 48.2118,
35.2911

■ 49.4913, 41.0804,
25.1616

■ 60.2641, 56.5053,
47.6223

■ 45.3913, 35.0519,
17.1006

■ 67.0235, 66.0028,
62.2721

■ 42.0851, 30.0724,
10.9648

■ 74.7508, 76.7525,
79.3524

■ 39.5185, 26.0804,
6.5910

■ 83.4827, 88.7981,
98.9671

■ 37.6298, 23.0077,
3.7889

■ 88.7350, 96.7445,
108.6045

■ 36.3452, 20.7764,
2.3187

■ 36.0254, 20.2052,
2.0012

Harmonies

Analogous

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



57.0774, 48.2118, 47.3887



54.4327, 48.2118, 35.2911



49.5436, 48.2118, 28.8173

Triad

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



54.4327, 48.2118, 35.2911



36.5649, 48.2118, 42.7861



47.6926, 48.2118, 88.4318

Complementary

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



54.4327, 48.2118, 35.2911



53.1943, 63.2592, 89.5273

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.



42.2952, 48.2118, 86.5125



54.4327, 48.2118, 35.2911



36.1562, 48.2118, 57.9543

Square

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



54.4327, 48.2118, 35.2911



39.3392, 48.2118, 32.5048



38.1742, 48.2118, 74.5387



52.9846, 48.2118, 79.3518

Rectangle

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



54.4327, 48.2118, 35.2911



45.8209, 48.2118, 27.6089



38.1742, 48.2118, 74.5387



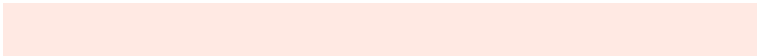
45.8268, 48.2118, 89.0885

Sweetspot

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



54.4339, 48.2141, 35.2921



84.1678, 84.9425, 84.5963



58.6970, 44.9638, 73.0181



17.7496, 17.8115, 17.5197



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.



54.4339, 48.2141, 35.2921



59.8227, 50.5169, 32.5050



63.6997, 66.7456, 38.3806



15.3180, 15.5590, 15.7146



19.7440, 11.1823, 1.1178



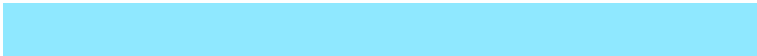
1.6179, 1.0131, 0.1103

Inverse Universe

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



53.1943, 63.2592, 89.5273



58.1377, 70.6311, 105.1767



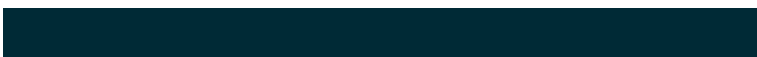
43.4092, 43.6889, 86.2656



15.2376, 16.5617, 19.3159



18.2555, 23.1581, 47.2507



1.5000, 1.9514, 3.7325

Previews

White Background



This preview shows how the XYZ color 54.4327, 48.2118, 35.2911 looks on a white background.

Color Contrast Check

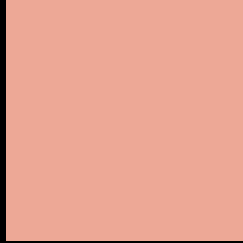
Large Text (above 18pt) WCAG AA × Fail

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 54.4327, 48.2118, 35.2911 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 54.4327, 48.2118, 35.2911

Background



This preview shows how black text looks on a background with the XYZ color 54.4327, 48.2118, 35.2911.



This preview shows how white text looks on a background with the XYZ color 54.4327, 48.2118,

35.2911.

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

54.4327, 48.2118, 35.2911

Protanopia

45.5602, 48.2189, 39.2537

Deuteranopia

49.2900, 48.4260, 34.7663



Tritanopia

57.1465, 48.2505, 47.8963

Trichromacy



Original Color

54.4327, 48.2118, 35.2911

Protanomaly

48.4151, 47.9090, 37.7060

Deuteranomaly

50.9923, 48.1300, 35.0362

Tritanomaly

56.0268, 48.0510, 42.8811

Monochromacy



Original Color

54.4327, 48.2118, 35.2911

Achromatopsia

47.2335, 49.6933, 54.1160

Achromatomaly

49.1381, 48.6776, 46.8503

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.4327, 48.2118, 35.2911 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(237, 168, 150)` looks like.

```
.text, #text, p{  
    color:rgb(237, 168, 150)  
}
```

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(237, 168, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 168, 150) }
```

Border

The CSS property to change the border of an element to XYZ 54.4327, 48.2118, 35.2911 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(237, 168, 150) }
```


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

```
.border{ border-color:rgb(237, 168, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(237, 168, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 168, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 168, 150);  
box-shadow:4px 4px 4px 4px rgb(237, 168,  
150) }
```

Background

The CSS property to change the background color of an element to XYZ 54.4327, 48.2118, 35.2911 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 168, 150) }
```

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

```
.background{ background-color: rgb(237,  
168, 150) }
```

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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