

Converting Colors

XYZ(59.4580, 54.9747, 35.4909)

Have a look what the booklet for
XYZ(59.4580, 54.9747, 35.4909)
contains.

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Color

**XYZ(59.3815, 54.8271,
35.4699)**

Conversions

Conversions Part 1

Format	Color
Hex	F4B694
RGB	244, 182, 148
RGB Percent	96%, 71%, 58%
CMY	0.0431, 0.2863, 0.4196
CMYK	0.00, 0.25, 0.39, 0.04
HSL	21°, 81%, 77%
HSV	21°, 39%, 96%
XYZ	59.3815, 54.8271, 35.4699
YIQ	196.6620, 47.8660, 2.5700

Conversions

Conversions Part 2

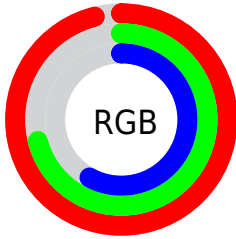
Format	Color
R _Y B	244, 201, 148
Decimal	16037524
CIE Lab	78.94, 18.21, 26.08
CIE LCh	79, 31.806, 55.077
Yxy	54.8271, 0.3967, 0.3663
Android (android.graphics.Color)	4294227604 (0xFFFF4B694)
YUV	196.6620, -23.9904, 41.5154
Hunter-Lab	74.0453, 13.5708, 23.4301

Details

The XYZ color **59.3815, 54.8271, 35.4699** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **51.5876, 58.9186, 94.2415**, and the grayscale version is **52.9881, 55.7476, 60.7092**.

A 20% lighter version of the original color is **82.4752, 86.6733, 68.2598**, and **30.2576, 27.0027, 14.9266** is the 20% darker color. If you saturate the color by 10%, you get **54.6028, 48.0414, 25.3320**, and if you desaturate by 10%, it is **64.9333, 62.5071, 47.8750**.

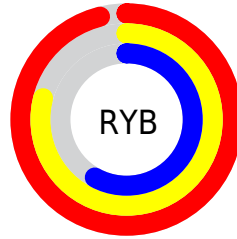
Distribution



Red (96%)

Green (71%)

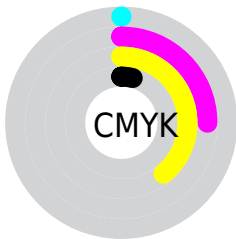
Blue (58%)



Red (96%)

Yellow (79%)

Blue (58%)

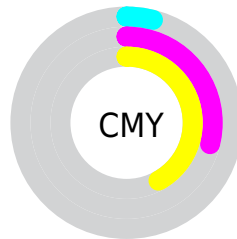


Cyan (0%)

Magenta (25%)

Yellow (39%)

Black (4%)



Cyan (4%)


Magenta (29%)


Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 59.3815, 54.8271, 35.4699 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 59.3815, 54.8271, 35.4699 by changing the saturation by 10% instead.


 59.3815, 54.8271,
35.4699


 59.3815, 54.8271,
35.4699


412.1856,
405.2562, 341.6047

 43.1679, 39.2633,
23.7386


 103.0434, 97.2876,
69.3729

 30.2119, 26.9646,
14.9294


 131.2223,
124.9531, 92.3817

 20.1484, 17.5467,
8.6238


164.1204,
157.4212, 119.9867

 12.6118, 10.6250,
4.4032

202.1031,
195.0765, 152.6066

 7.2370, 5.8153,
1.8490

245.5355,
238.3032, 190.6597

 3.6584, 2.7331,
0.4600

294.7832,

 1.5107, 0.9940,

287.4858, 234.5648

0.0000

350.2114,
343.0087, 284.7403

■ 0.3331, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 59.3815, 54.8271,
35.4699

■ 59.3815, 54.8271,
35.4699

■ 54.6028, 48.0414,
25.3320

■ 64.9333, 62.5071,
47.8750

■ 50.5551, 42.1079,
17.3181

■ 71.2889, 71.1059,
62.6717

■ 47.1985, 36.9925,
11.2737

■ 78.4824, 80.6565,
79.9793

■ 44.4869, 32.6553,
7.0216

■ 86.5445, 91.1881,
99.9082

■ 42.3670, 29.0522,
4.3520

■ 91.1183, 97.9731,
108.7160

■ 40.7629, 26.1284,
2.9408

■ 40.6705, 25.9575,
2.8667

Harmonies

Analogous

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



63.9096, 54.8271, 46.1302



59.3815, 54.8271, 35.4699



53.1613, 54.8271, 31.3062

Triad

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



59.3815, 54.8271, 35.4699



40.9191, 54.8271, 56.7604



57.4327, 54.8271, 97.0876

Complementary

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



59.3815, 54.8271, 35.4699



51.5876, 58.9186, 94.2415

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.



51.0757, 54.8271, 101.5116



59.3815, 54.8271, 35.4699



41.8629, 54.8271, 75.6937

Square

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



59.3815, 54.8271, 35.4699



42.7705, 54.8271, 41.9100



45.4605, 54.8271, 93.0157



62.7222, 54.8271, 81.9167

Rectangle

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



59.3815, 54.8271, 35.4699



49.0145, 54.8271, 32.0068



45.4605, 54.8271, 93.0157



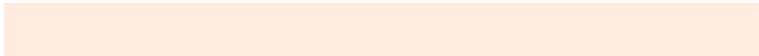
55.3363, 54.8271, 99.9957

Sweetspot

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



59.3829, 54.8297, 35.4710



84.5257, 86.2173, 82.9924



59.5812, 45.0865, 66.7971



17.8648, 18.1532, 17.2145



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.



59.3829, 54.8297, 35.4710



61.4653, 54.6967, 30.2950



70.8394, 77.7427, 39.2898



16.9794, 17.4429, 17.2695



22.2308, 14.3471, 1.5976



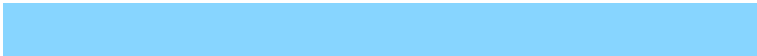
2.0470, 1.4472, 0.1715

Inverse Universe

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



51.5876, 58.9186, 94.2415



51.7462, 59.7441, 103.4122



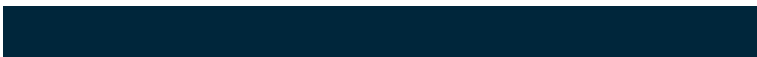
41.5333, 38.8100, 90.8900



16.4740, 17.7124, 21.0931



15.6209, 17.0355, 49.0029



1.4695, 1.6904, 4.3391

Previews

White Background



This preview shows how the XYZ color 59.3815, 54.8271, 35.4699 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 59.3815, 54.8271, 35.4699 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

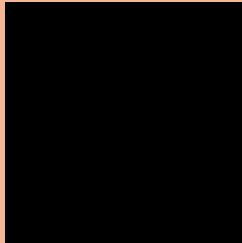
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 59.3815, 54.8271, 35.4699

Background



This preview shows how black text looks on a background with the XYZ color 59.3815, 54.8271, 35.4699.



This preview shows how white text looks on a background with the XYZ color 59.3815, 54.8271,

35.4699.

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

59.3815, 54.8271, 35.4699

Protanopia

51.3603, 54.7732, 38.4372

Deuteranopia

56.2047, 55.0619, 35.2695



Tritanopia

63.5310, 54.7248, 55.9297

Trichromacy



Original Color

59.3815, 54.8271, 35.4699

Protanomaly

53.8997, 54.4661, 37.3779

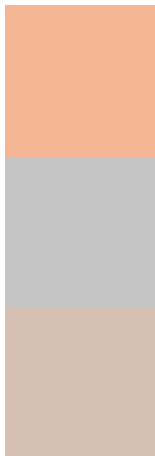
Deuteranomaly

57.4174, 55.0573, 35.2047

Tritanomaly

62.0160, 54.7101, 47.8489

Monochromacy



Original Color

59.3815, 54.8271, 35.4699

Achromatopsia

53.0703, 55.8340, 60.8033

Achromatomaly

54.7179, 55.2501, 50.4282

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.3815, 54.8271, 35.4699 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(244, 182, 148)` looks like.

```
.text, #text, p{  
    color:rgb(244, 182, 148)  
}
```

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(244, 182, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 182, 148) }
```

Border

The CSS property to change the border of an element to XYZ 59.3815, 54.8271, 35.4699 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(244, 182, 148) }
```


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

```
.border{ border-color:rgb(244, 182, 148) }
```

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

Here you see how a box with a 4 pixel `rgb(244, 182, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(244, 182, 148); -webkit-box-shadow:4px 4px 4px 4px rgb(244, 182, 148); box-shadow:4px 4px 4px 4px rgb(244, 182, 148) }
```

Background

The CSS property to change the background color of an element to XYZ 59.3815, 54.8271, 35.4699 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 182, 148) }
```

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

```
.background{ background-color: rgb(244,  
182, 148) }
```

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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