

Converting Colors

XYZ(56.9041, 49.6762, 35.8380)

Have a look what the booklet for
XYZ(56.9041, 49.6762, 35.8380)
contains.

XYZ(57.0821, 49.8434, 35.8903)	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(57.0821, 49.8434,
35.8903)**

Conversions

Conversions Part 1

Format	Color
Hex	F4A997
RGB	244, 169, 151
RGB Percent	96%, 66%, 59%
CMY	0.0431, 0.3372, 0.4078
CMYK	0.00, 0.31, 0.38, 0.04
HSL	12°, 81%, 77%
HSV	12°, 38%, 96%
XYZ	57.0821, 49.8434, 35.8903
YIQ	189.3730, 50.4780, 10.3020

Conversions

Conversions Part 2

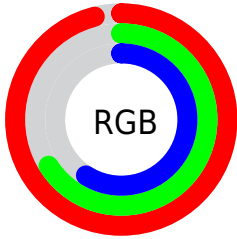
Format	Color
R _Y B	244, 173, 151
Decimal	16034199
CIE Lab	75.97, 25.41, 20.42
CIE LCh	76, 32.600, 38.780
Yxy	49.8434, 0.3997, 0.3490
Android (android.graphics.Color)	4294224279 (0xFFFF4A997)
YUV	189.3730, -18.9179, 47.9079
Hunter-Lab	70.5999, 20.7728, 19.2791

Details

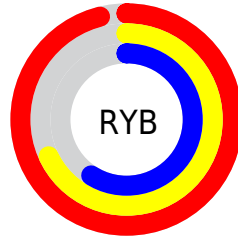
The XYZ color **57.0821, 49.8434, 35.8903** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **56.2868, 67.5010, 95.6503**, and the grayscale version is **48.6693, 51.2039, 55.7610**.

A 20% lighter version of the original color is **79.1847, 79.5182, 68.9327**, and **28.7953, 23.8500, 15.1424** is the 20% darker color. If you saturate the color by 10%, you get **51.9128, 42.3546, 25.3819**, and if you desaturate by 10%, it is **63.2149, 58.6027, 48.7441**.

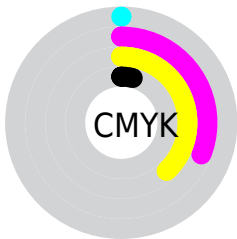
Distribution



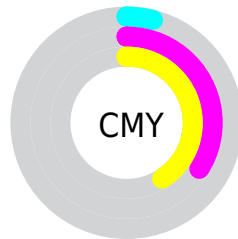
- Red (96%)
- Green (66%)
- Blue (59%)



- Red (96%)
- Yellow (68%)
- Blue (59%)



- Cyan (0%)
- Magenta (31%)
- Yellow (38%)
- Black (4%)





- Cyan (4%)
- Magenta (34%)
- Yellow (41%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 57.0821, 49.8434, 35.8903 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 57.0821, 49.8434, 35.8903 by changing the saturation by 10% instead.


 57.0821, 49.8434,
35.8903

 57.0821, 49.8434,
35.8903


403.7661,
386.0532, 343.5037

 41.3116, 35.2890,
24.0605

 99.7156, 89.9428,
70.0299

 28.7514, 23.8856,
15.1659


 127.3093,
116.2566, 93.1766

 19.0361, 15.2488,
8.7880


159.5748,
147.2589, 120.9328

 11.8006, 8.9942,
4.5082

196.8774,
183.3343, 153.7170

 6.6792, 4.7374,
1.9081

239.5825,
224.8670, 191.9476

 3.3069, 2.0940,
0.4979

288.0554,

 1.3180, 0.6613,

272.2414, 236.0432

0.0000

342.6615,
325.8421, 286.4224

■ 0.1967, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 57.0821, 49.8434,
35.8903

■ 57.0821, 49.8434,
35.8903

■ 51.9128, 42.3546,
25.3819

■ 63.2149, 58.6027,
48.7441

■ 47.6532, 36.0699,
17.0734

■ 70.3537, 68.6807,
64.0705

■ 44.2498, 30.9275,
10.8078

■ 78.5429, 80.1316,
81.9915

■ 41.6418, 26.8573,
6.4060

■ 87.8234, 93.0047,
102.6197

■ 39.7595, 23.7809,
3.6571

■ 91.1182, 97.9731,
108.7160

■ 38.5151, 21.6065,
2.2726

■ 38.3343, 21.2854,
2.0880

Harmonies

Analogous

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



59.8891, 49.8434, 49.3205



57.0821, 49.8434, 35.8903



51.7320, 49.8434, 28.6666

Triad

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



57.0821, 49.8434, 35.8903



37.2936, 49.8434, 43.0351



49.1811, 49.8434, 94.5263

Complementary

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



57.0821, 49.8434, 35.8903



56.2868, 67.5010, 95.6503

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.



43.2691, 49.8434, 91.8347



57.0821, 49.8434, 35.8903



36.7376, 49.8434, 59.5421

Square

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



57.0821, 49.8434, 35.8903



40.4251, 49.8434, 32.1364



38.8353, 49.8434, 78.0505



55.0783, 49.8434, 84.7691

Rectangle

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



57.0821, 49.8434, 35.8903



47.6239, 49.8434, 27.2139



38.8353, 49.8434, 78.0505



47.1262, 49.8434, 95.0842

Sweetspot

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



57.0834, 49.8458, 35.8913



84.0621, 84.7311, 84.5610



62.2333, 46.9100, 78.4115



17.7246, 17.7614, 17.5114



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.



57.0834, 49.8458, 35.8913



58.4478, 48.3703, 30.1869



67.0803, 69.8397, 39.2236



16.7588, 17.0017, 17.1959



20.9182, 11.7221, 1.1601



1.9067, 1.1667, 0.1247

Inverse Universe

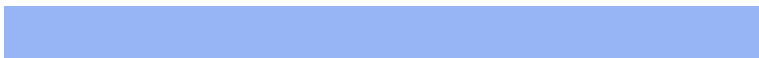
The Inverse Universe completely reimagines the original color for something new.



56.2868, 67.5010, 95.6503



57.4200, 70.4743, 105.1843



45.5043, 45.9359, 92.0561



16.7081, 18.1806, 21.1712



19.8028, 25.3994, 50.3969



1.8087, 2.3688, 4.4521

Previews

White Background



This preview shows how the XYZ color 57.0821, 49.8434, 35.8903 looks on a white background.

Color Contrast Check

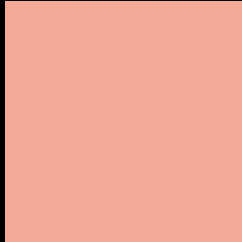
Large Text (above 18pt) WCAG AA × Fail

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 57.0821, 49.8434, 35.8903 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 57.0821, 49.8434, 35.8903

Background



This preview shows how black text looks on a background with the XYZ color 57.0821, 49.8434, 35.8903.



This preview shows how white text looks on a background with the XYZ color 57.0821, 49.8434,

35.8903.

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

57.0821, 49.8434, 35.8903

Protanopia

47.1414, 49.9490, 40.4142

Deuteranopia

50.9595, 49.8725, 35.3743



Tritanopia

59.8488, 49.8988, 48.5965

Trichromacy



Original Color

57.0821, 49.8434, 35.8903

Protanomaly

50.1386, 49.3730, 38.7856

Deuteranomaly

53.0253, 49.7467, 35.6615

Tritanomaly

58.7101, 49.6924, 43.5430

Monochromacy



Original Color

57.0821, 49.8434, 35.8903

Achromatopsia

48.3692, 50.8881, 55.4172

Achromatomaly

50.7603, 50.1064, 47.5536

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.0821, 49.8434, 35.8903 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, 169, 151)` looks like.

```
.text, #text, p{  
    color:rgb(244, 169, 151)  
}
```

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, 169, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 169, 151) }
```

Border

The CSS property to change the border of an element to XYZ 57.0821, 49.8434, 35.8903 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, 169, 151) }
```


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

```
.border{ border-color:rgb(244, 169, 151) }
```

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

Here you see how a box with a 4 pixel `rgb(244, 169, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 169, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 169, 151);  
box-shadow:4px 4px 4px 4px rgb(244, 169,  
151) }
```

Background

The CSS property to change the background color of an element to XYZ 57.0821, 49.8434, 35.8903 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 169, 151) }
```

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

```
.background{ background-color: rgb(244,  
169, 151) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor