

Converting Colors

XYZ(64.5142, 54.5432, 50.5830)

Have a look what the booklet for
XYZ(64.5142, 54.5432, 50.5830)
contains.

XYZ(64.5241, 54.4833, 50.8316)	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(64.5241, 54.4833,
50.8316)**

Conversions

Conversions Part 1

Format	Color
Hex	FFADB5
RGB	255, 173, 181
RGB Percent	100%, 68%, 71%
CMY	0.0000, 0.3215, 0.2902
CMYK	0.00, 0.32, 0.29, 0.00
HSL	354°, 100%, 84%
HSV	354°, 32%, 100%
XYZ	64.5241, 54.4833, 50.8316
YIQ	198.4300, 46.3040, 19.8720

Conversions

Conversions Part 2

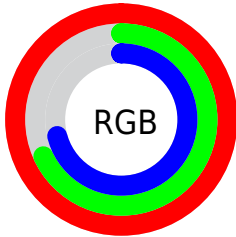
Format	Color
R _Y B	255, 173, 181
Decimal	16756149
CIE Lab	78.74, 31.06, 8.20
CIE LCh	79, 32.128, 14.784
Yxy	54.4833, 0.3799, 0.3208
Android (android.graphics.Color)	4294946229 (0xFFFFADB5)
YUV	198.4300, -8.5930, 49.6119
Hunter-Lab	73.8128, 26.8649, 10.8386

Details

The XYZ color **64.5241, 54.4833, 50.8316** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **69.7843, 87.1207, 101.1377**, and the grayscale version is **53.9703, 56.7809, 61.8344**.

A 20% lighter version of the original color is **84.5454, 83.4130, 91.7651**, and **33.6387, 26.8618, 23.8340** is the 20% darker color. If you saturate the color by 10%, you get **57.9231, 44.7534, 37.9276**, and if you desaturate by 10%, it is **72.4509, 66.2404, 66.1031**.

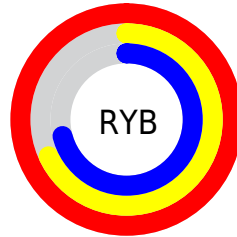
Distribution



Red (100%)

Green (68%)

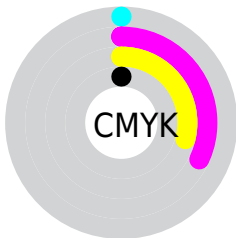
Blue (71%)



Red (100%)

Yellow (68%)

Blue (71%)

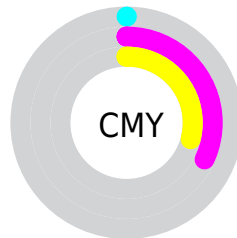


Cyan (0%)

Magenta (32%)

Yellow (29%)

Black (0%)



Cyan (0%)


Magenta (32%)


Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 64.5241, 54.4833, 50.8316 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 64.5241, 54.4833, 50.8316 by changing the saturation by 10% instead.


 64.5241, 54.4833,
50.8316

 64.5241, 54.4833,
50.8316


430.6521,
403.9503, 406.7370

 47.3386, 38.9882,
35.6988


 110.4349, 96.7835,
92.8148

 33.5124, 26.7505,
23.9138


139.8909,
124.3574, 120.5022

 22.6804, 17.3860,
15.0581


174.1677,
156.7263, 153.2116

 14.4771, 10.5101,
8.7131

213.6307,
194.2746, 191.3615

 8.5371, 5.7384,
4.4603

258.6453,
237.3868, 235.3705

 4.4952, 2.6867,
1.8811


309.5769,


 1.9859, 0.9704,

286.4472, 285.6570


0.4807


366.7907,
341.8403, 342.6397


 0.6260, 0.0000,
0.0000

 0.0000, 0.0000,
0.0000

 64.5241, 54.4833,
50.8316


 64.5241, 54.4833,
50.8316


 57.9231, 44.7534,
37.9276


 72.4509, 66.2404,
66.1031

 52.5717, 36.9292,
27.2693

 81.7664, 80.1223,
83.8492

 48.3916, 30.8874,
18.7290

 92.5343, 96.2295,
104.1741

 45.2946, 26.4877,
12.1648

95.0500, 100.0000,
108.9000

■ 43.1792, 23.5682,
7.4173

■ 41.9248, 21.9344,
4.3019

■ 41.4140, 21.3296,
2.8463

Harmonies

Analogous

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



64.4965, 54.4833, 68.9923



64.5241, 54.4833, 50.8316



60.9531, 54.4833, 37.9237

Triad

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



64.5241, 54.4833, 50.8316



43.6432, 54.4833, 37.7856



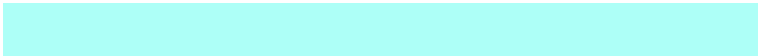
48.6428, 54.4833, 99.9156

Complementary

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



64.5241, 54.4833, 50.8316



69.7843, 87.1207, 101.1377

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.



43.5852, 54.4833, 87.5552



64.5241, 54.4833, 50.8316



40.8636, 54.4833, 50.6023

Square

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



64.5241, 54.4833, 50.8316



48.7281, 54.4833, 31.5066



40.8433, 54.4833, 68.7111



54.9667, 54.4833, 100.0121

Rectangle

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



64.5241, 54.4833, 50.8316



57.1682, 54.4833, 32.9558



40.8433, 54.4833, 68.7111



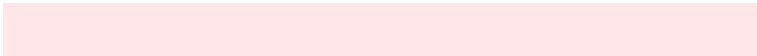
46.7503, 54.4833, 96.9605

Sweetspot

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



64.5254, 54.4858, 50.8327



83.9614, 83.4012, 88.0066



71.2823, 56.8475, 101.8234



17.6631, 17.3909, 18.2536



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.



64.5254, 54.4858, 50.8327



59.8671, 47.6118, 41.7500



70.8075, 68.3256, 48.9946



18.0813, 18.0158, 19.0453



21.6633, 11.1546, 1.6117



2.1322, 1.0952, 0.2775

Inverse Universe

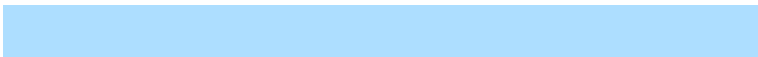
The Inverse Universe completely reimagines the original color for something new.



64.5254, 54.4858, 50.8327



59.8671, 47.6118, 41.7500



61.4601, 68.4552, 104.5816



18.0813, 18.0158, 19.0453



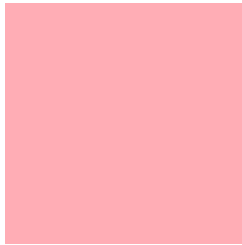
21.6633, 11.1546, 1.6117



2.1322, 1.0952, 0.2775

Previews

White Background



This preview shows how the XYZ color 64.5241, 54.4833, 50.8316 looks on a white background.

Color Contrast Check

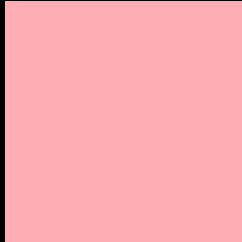
Large Text (above 18pt) WCAG AA × Fail

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 64.5241, 54.4833, 50.8316 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 64.5241, 54.4833, 50.8316

Background



This preview shows how black text looks on a background with the XYZ color 64.5241, 54.4833, 50.8316.



This preview shows how white text looks on a background with the XYZ color 64.5241, 54.4833,

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

64.5241, 54.4833, 50.8316

Protanopia

52.4706, 54.5759, 58.2208

Deuteranopia

55.5343, 54.3964, 49.6921



Tritanopia

64.9405, 54.6499, 53.0247

Trichromacy



Original Color

64.5241, 54.4833, 50.8316

Protanomaly

55.9576, 53.8520, 55.5893

Deuteranomaly

58.6744, 54.4453, 50.0643

Tritanomaly

64.8353, 54.6078, 52.4706

Monochromacy



Original Color

64.5241, 54.4833, 50.8316

Achromatopsia

53.6758, 56.4712, 61.4971

Achromatomaly

56.9254, 55.2610, 57.5353

CSS Examples

Text

The CSS property to change the color of the text to XYZ 64.5241, 54.4833, 50.8316 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(255, 173, 181)` looks like.

```
.text, #text, p{  
    color:rgb(255, 173, 181)  
}
```

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(255, 173, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 173, 181) }
```

Border

The CSS property to change the border of an element to XYZ 64.5241, 54.4833, 50.8316 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(255, 173, 181) }
```


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

```
.border{ border-color:rgb(255, 173, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 173, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 173, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 173, 181);  
box-shadow:4px 4px 4px 4px rgb(255, 173,  
181) }
```

Background

The CSS property to change the background color of an element to XYZ 64.5241, 54.4833, 50.8316 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 173, 181) }
```

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

```
.background{ background-color: rgb(255,  
173, 181) }
```

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