

Converting Colors

XYZ(69.6020, 56.9574, 53.0760)

Have a look what the booklet for
XYZ(69.6020, 56.9574, 53.0760)
contains.

XYZ(64.9405, 54.6499, 53.0247)	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(64.9405, 54.6499,
53.0247)**

Conversions

Conversions Part 1

Format	Color
Hex	FFADB9
RGB	255, 173, 185
RGB Percent	100%, 68%, 73%
CMY	0.0000, 0.3215, 0.2745
CMYK	0.00, 0.32, 0.27, 0.00
HSL	351°, 100%, 84%
HSV	351°, 32%, 100%
XYZ	64.9405, 54.6499, 53.0247
YIQ	198.8860, 45.0200, 21.1160

Conversions

Conversions Part 2

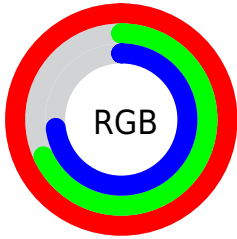
Format	Color
R _Y B	255, 173, 185
Decimal	16756153
CIE Lab	78.84, 31.59, 6.16
CIE LCh	79, 32.188, 11.042
Yxy	54.6499, 0.3762, 0.3166
Android (android.graphics.Color)	4294946233 (0xFFFFADB9)
YUV	198.8860, -6.8458, 49.2120
Hunter-Lab	73.9256, 27.4350, 9.2209

Details

The XYZ color **64.9405, 54.6499, 53.0247** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **69.1735, 86.8763, 97.9211**, and the grayscale version is **54.2389, 57.0635, 62.1422**.

A 20% lighter version of the original color is **85.1365, 83.6495, 94.8779**, and **33.9073, 26.9692, 25.2483** is the 20% darker color. If you saturate the color by 10%, you get **58.3843, 44.9379, 40.3559**, and if you desaturate by 10%, it is **72.7845, 66.3739, 67.8600**.

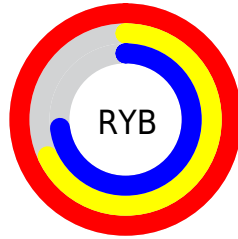
Distribution



Red (100%)

Green (68%)

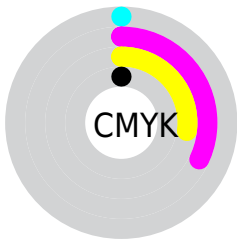
Blue (73%)



Red (100%)

Yellow (68%)

Blue (73%)

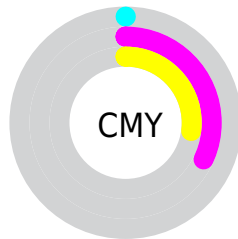


Cyan (0%)

Magenta (32%)

Yellow (27%)

Black (0%)



Cyan (0%)


Magenta (32%)


Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 64.9405, 54.6499, 53.0247 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 64.9405, 54.6499, 53.0247 by changing the saturation by 10% instead.


 64.9405, 54.6499,
53.0247

 64.9405, 54.6499,
53.0247


432.1267,
404.5835, 415.4489

 47.6774, 39.1215,
37.4346


 111.0305, 97.0278,
96.0826

 33.7816, 26.8543,
25.2458

140.5881,
124.6461, 124.3876

 22.8880, 17.4638,
16.0396


174.9745,
157.0632, 157.7679

 14.6311, 10.5657,
9.3975

214.5551,
194.6633, 196.6421

 8.6455, 5.7756,
4.9010

259.6953,
237.8311, 241.4288

 4.5659, 2.7091,
2.1316


310.7604,


 2.0270, 0.9818,


286.9507, 292.5464


0.6345


368.1157,
342.4067, 350.4136


 0.6491, 0.0000,
0.0000


 0.0000, 0.0000,
0.0000


 64.9405, 54.6499,
53.0247


 64.9405, 54.6499,
53.0247

 58.3843, 44.9379,
40.3559


 72.7845, 66.3739,
67.8600

 53.0425, 37.1175,
29.7487

 81.9761, 80.2063,
84.9535

 48.8407, 31.0671,
21.0939

 92.5764, 96.2465,
104.3957

 45.6946, 26.6477,
14.2713

95.0500, 100.0000,
108.9000

■ 43.5077, 23.6996,
9.1468

■ 42.1652, 22.0305,
5.5674

■ 41.5787, 21.3955,
3.7137

Harmonies

Analogous

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



64.4330, 54.6499, 71.6662



64.9405, 54.6499, 53.0247



61.7579, 54.6499, 39.2849

Triad

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



64.9405, 54.6499, 53.0247



44.2959, 54.6499, 36.7410



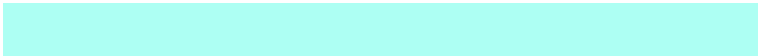
48.0580, 54.6499, 99.3096

Complementary

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



64.9405, 54.6499, 53.0247



69.1735, 86.8763, 97.9211

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.



43.2275, 54.6499, 85.6886



64.9405, 54.6499, 53.0247



41.1815, 54.6499, 48.8028

Square

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



64.9405, 54.6499, 53.0247



49.6283, 54.6499, 31.2493



40.8070, 54.6499, 66.4917



54.3287, 54.6499, 101.0867

Rectangle

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



64.9405, 54.6499, 53.0247



58.1132, 54.6499, 33.7495



40.8070, 54.6499, 66.4917



46.2260, 54.6499, 95.8509

Sweetspot

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



64.9419, 54.6524, 53.0258



84.1388, 83.4721, 88.9406



69.8538, 56.1111, 101.7566



17.7056, 17.4080, 18.4776



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.



64.9419, 54.6524, 53.0258



60.3181, 47.7922, 44.1248



69.8346, 66.3797, 48.6703



18.1176, 18.0304, 19.2365



21.7581, 11.1925, 2.1108



2.1492, 1.1021, 0.3672

Inverse Universe

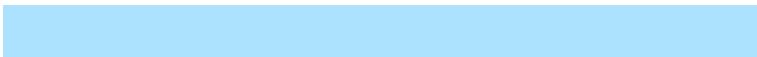
The Inverse Universe completely reimagines the original color for something new.



64.9419, 54.6524, 53.0258



60.3181, 47.7922, 44.1248



62.5636, 70.6622, 104.9495



18.1176, 18.0304, 19.2365



21.7581, 11.1925, 2.1108



2.1492, 1.1021, 0.3672

Previews

White Background



This preview shows how the XYZ color 64.9405, 54.6499, 53.0247 looks on a white background.

Color Contrast Check

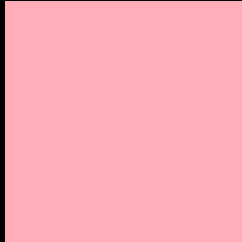
Large Text (above 18pt) WCAG AA × Fail

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 64.9405, 54.6499, 53.0247 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 64.9405, 54.6499, 53.0247

Background



This preview shows how black text looks on a background with the XYZ color 64.9405, 54.6499, 53.0247.



This preview shows how white text looks on a background with the XYZ color 64.9405, 54.6499,

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

64.9405, 54.6499, 53.0247

Protanopia

52.8819, 55.0672, 60.6652

Deuteranopia

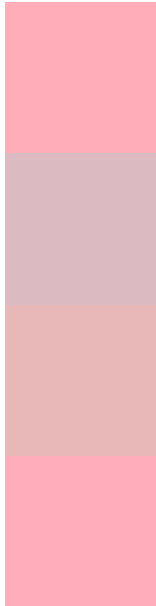
55.8545, 54.8327, 51.8959



Tritanopia

65.0465, 54.6923, 53.5827

Trichromacy



Original Color

64.9405, 54.6499, 53.0247

Protanomaly

56.6094, 54.4510, 57.9785

Deuteranomaly

58.7594, 54.4417, 52.2111

Tritanomaly

65.0465, 54.6923, 53.5827

Monochromacy



Original Color

64.9405, 54.6499, 53.0247

Achromatopsia

54.2854, 57.1125, 62.1955

Achromatomaly

57.3645, 55.7820, 58.7825

CSS Examples

Text

The CSS property to change the color of the text to XYZ 64.9405, 54.6499, 53.0247 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, 185)` looks like.

```
.text, #text, p{  
    color:rgb(255, 173, 185)  
}
```

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, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 173, 185) }
```

Border

The CSS property to change the border of an element to XYZ 64.9405, 54.6499, 53.0247 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, 185) }
```


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

```
.border{ border-color:rgb(255, 173, 185) }
```

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, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 173, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 173, 185);  
box-shadow:4px 4px 4px 4px rgb(255, 173,  
185) }
```

Background

The CSS property to change the background color of an element to XYZ 64.9405, 54.6499, 53.0247 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, 185) }
```

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

```
.background{ background-color: rgb(255,  
173, 185) }
```

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