

Converting Colors

XYZ(100.0275, 72.4694,
52.3846)

Have a look what the booklet for
XYZ(100.0275, 72.4694, 52.3846)
contains.

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Color

**XYZ(64.3330, 54.1012,
50.7679)**

Conversions

Conversions Part 1

Format	Color
Hex	FFACB5
RGB	255, 172, 181
RGB Percent	100%, 67%, 71%
CMY	0.0000, 0.3255, 0.2902
CMYK	0.00, 0.33, 0.29, 0.00
HSL	353°, 100%, 84%
HSV	353°, 33%, 100%
XYZ	64.3330, 54.1012, 50.7679
YIQ	197.8430, 46.5790, 20.3950

Conversions

Conversions Part 2

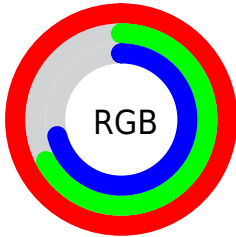
Format	Color
R _Y B	255, 172, 181
Decimal	16755893
CIE Lab	78.52, 31.59, 7.88
CIE LCh	79, 32.555, 14.009
Yxy	54.1012, 0.3802, 0.3197
Android (android.graphics.Color)	4294945973 (0xFFFFACB5)
YUV	197.8430, -8.3036, 50.1267
Hunter-Lab	73.5535, 27.4050, 10.5645

Details

The XYZ color **64.3330, 54.1012, 50.7679** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **69.4100, 86.9455, 100.3168**, and the grayscale version is **53.6114, 56.4033, 61.4232**.

A 20% lighter version of the original color is **84.2695, 82.8612, 91.6731**, and **33.5191, 26.6225, 23.7941** is the 20% darker color. If you saturate the color by 10%, you get **57.7915, 44.4520, 38.0016**, and if you desaturate by 10%, it is **72.1890, 65.7699, 65.8519**.

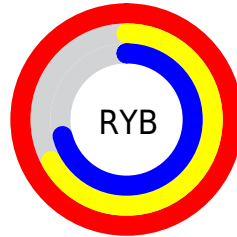
Distribution



Red (100%)

Green (67%)

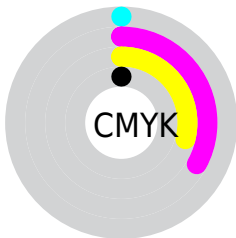
Blue (71%)



Red (100%)

Yellow (67%)

Blue (71%)

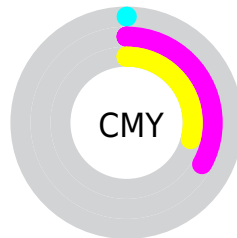


Cyan (0%)

Magenta (33%)

Yellow (29%)

Black (0%)



Cyan (0%)


Magenta (33%)


Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 64.3330, 54.1012, 50.7679 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 64.3330, 54.1012, 50.7679 by changing the saturation by 10% instead.


 64.3330, 54.1012,
50.7679

 64.3330, 54.1012,
50.7679


429.9744,
402.4958, 406.4821

 47.1831, 38.6826,
35.6485


 110.1614, 96.2228,
92.7196

 33.3890, 26.5129,
23.8753


139.5707,
123.6946, 120.3889

 22.5853, 17.2077,
15.0298


173.7971,
155.9529, 153.0787

 14.4066, 10.3827,
8.6934

213.2061,
193.3821, 191.2073

 8.4876, 5.6534,
4.4477

258.1629,
236.3666, 235.1935

 4.4629, 2.6355,
1.8740

309.0330,

 1.9672, 0.9445,

285.2908, 285.4556

0.4761

366.1817,
340.5390, 342.4123

■ 0.6154, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 64.3330, 54.1012,
50.7679

■ 64.3330, 54.1012,
50.7679

■ 57.7915, 44.4520,
38.0016

■ 72.1890, 65.7699,
65.8519

■ 52.4886, 36.7005,
27.4347

■ 81.4220, 79.5558,
83.3573

■ 48.3469, 30.7235,
18.9436

■ 92.0950, 95.5593,
103.3853

■ 45.2784, 26.3803,
12.3908

95.0500, 100.0000,
108.9000

■ 43.1824, 23.5084,
7.6222

■ 41.9386, 21.9122,
4.4598

■ 41.4453, 21.3421,
3.0110

Harmonies

Analogous

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



64.2049, 54.1012, 69.1778



64.3330, 54.1012, 50.7679



60.8067, 54.1012, 37.6264

Triad

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



64.3330, 54.1012, 50.7679



43.3240, 54.1012, 36.9893



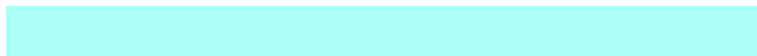
48.0998, 54.1012, 99.7782

Complementary

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



64.3330, 54.1012, 50.7679



69.4100, 86.9455, 100.3168

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.



43.0555, 54.1012, 86.9960



64.3330, 54.1012, 50.7679



40.4587, 54.1012, 49.7067

Square

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



64.3330, 54.1012, 50.7679



48.4950, 54.1012, 30.8641



40.3647, 54.1012, 67.8726



54.4636, 54.1012, 100.2282

Rectangle

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



64.3330, 54.1012, 50.7679



57.0150, 54.1012, 32.5315



40.3647, 54.1012, 67.8726



46.2065, 54.1012, 96.6785

Sweetspot

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



64.3343, 54.1037, 50.7690



84.0008, 83.4169, 88.2142



70.5708, 56.1971, 101.7354



17.6725, 17.3947, 18.3034



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.



64.3343, 54.1037, 50.7690



59.9662, 47.6514, 42.2716



70.2373, 67.3393, 48.3288



18.0894, 18.0191, 19.0878



21.6816, 11.1619, 1.7080



2.1360, 1.0968, 0.2975

Inverse Universe

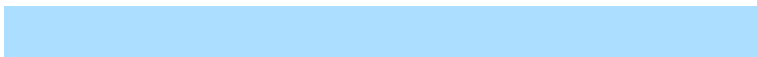
The Inverse Universe completely reimagines the original color for something new.



64.3343, 54.1037, 50.7690



59.9662, 47.6514, 42.2716



61.5020, 68.8661, 104.6587



18.0894, 18.0191, 19.0878



21.6816, 11.1619, 1.7080



2.1360, 1.0968, 0.2975

Previews

White Background



This preview shows how the XYZ color 64.3330, 54.1012, 50.7679 looks on a white background.

Color Contrast Check

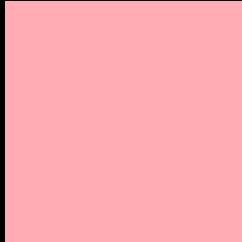
Large Text (above 18pt) WCAG AA × Fail

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 64.3330, 54.1012, 50.7679 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 64.3330, 54.1012, 50.7679

Background



This preview shows how black text looks on a background with the XYZ color 64.3330, 54.1012, 50.7679.



This preview shows how white text looks on a background with the XYZ color 64.3330, 54.1012,

50.7679.

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

64.3330, 54.1012, 50.7679

Protanopia

52.2061, 54.4396, 58.2084

Deuteranopia

55.5343, 54.3964, 49.6921



Tritanopia

64.7495, 54.2678, 52.9610

Trichromacy



Original Color

64.3330, 54.1012, 50.7679



Protanomaly

55.9576, 53.8520, 55.5893



Deuteranomaly

58.4689, 54.0342, 49.9958



Tritanomaly

64.6443, 54.2257, 52.4069

Monochromacy



Original Color

64.3330, 54.1012, 50.7679



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 64.3330, 54.1012, 50.7679 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, 172, 181)` looks like.

```
.text, #text, p{  
  color:rgb(255, 172, 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, 172, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 172, 181) }
```

Border

The CSS property to change the border of an element to XYZ 64.3330, 54.1012, 50.7679 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, 172, 181) }
```


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

```
.border{ border-color:rgb(255, 172, 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, 172, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 172, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 172, 181);  
box-shadow:4px 4px 4px 4px rgb(255, 172,  
181) }
```

Background

The CSS property to change the background color of an element to XYZ 64.3330, 54.1012, 50.7679 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 172, 181) }
```

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

```
.background{ background-color: rgb(255,  
172, 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](#).

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