

Converting Colors

XYZ(64.2745, 54.6927, 48.5642)

Have a look what the booklet for
XYZ(64.2745, 54.6927, 48.5642)
contains.

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Color

**XYZ(64.3119, 54.7064,
48.7648)**

Conversions

Conversions Part 1

Format	Color
Hex	FFAEB1
RGB	255, 174, 177
RGB Percent	100%, 68%, 69%
CMY	0.0000, 0.3176, 0.3059
CMYK	0.00, 0.32, 0.31, 0.00
HSL	358°, 100%, 84%
HSV	358°, 32%, 100%
XYZ	64.3119, 54.7064, 48.7648
YIQ	198.5610, 47.3130, 18.1050

Conversions

Conversions Part 2

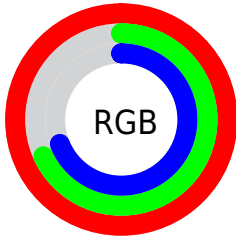
Format	Color
R _Y B	255, 174, 177
Decimal	16756401
CIE Lab	78.87, 30.03, 10.55
CIE LCh	79, 31.826, 19.365
Yxy	54.7064, 0.3833, 0.3261
Android (android.graphics.Color)	4294946481 (0xFFFFAEB1)
YUV	198.5610, -10.6296, 49.4970
Hunter-Lab	73.9638, 25.7701, 12.6844

Details

The XYZ color **64.3119, 54.7064, 48.7648** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **70.7885, 87.5480, 105.2671**, and the grayscale version is **54.0618, 56.8772, 61.9393**.

A 20% lighter version of the original color is **84.2448, 83.7368, 88.8134**, and **33.5650, 27.0257, 22.8495** is the 20% darker color. If you saturate the color by 10%, you get **57.6135, 44.8806, 35.5232**, and if you desaturate by 10%, it is **72.3886, 66.5836, 64.6400**.

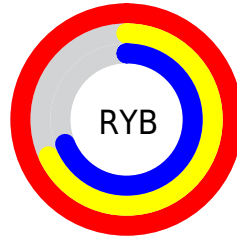
Distribution



Red (100%)

Green (68%)

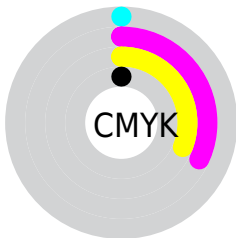
Blue (69%)



Red (100%)

Yellow (68%)

Blue (69%)

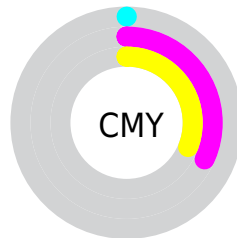


Cyan (0%)

Magenta (32%)

Yellow (31%)

Black (0%)



Cyan (0%)


Magenta (32%)


Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 64.3119, 54.7064, 48.7648 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 64.3119, 54.7064, 48.7648 by changing the saturation by 10% instead.


 64.3119, 54.7064,
48.7648

 64.3119, 54.7064,
48.7648

429.8995,
404.7980, 398.4115

 47.1660, 39.1667,
34.0687


 110.1312, 97.1107,
89.7194

 33.3754, 26.8894,
22.6686


139.5353,
124.7440, 116.8149

 22.5748, 17.4902,
14.1460

173.7562,
157.1774, 148.8807

 14.3988, 10.5846,
8.0824

213.1592,
194.7951, 186.3352

 8.4821, 5.7883,
4.0592

258.1097,
237.9817, 229.5970

 4.4593, 2.7168,
1.6579

308.9730,

 1.9651, 0.9857,

287.1214, 279.0846

0.3316

366.1145,
342.5987, 335.2166

■ 0.6143, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 64.3119, 54.7064,
48.7648

■ 64.3119, 54.7064,
48.7648

■ 57.6135, 44.8806,
35.5232

■ 72.3886, 66.5836,
64.6400

■ 52.2126, 36.9830,
24.7697

■ 81.9103, 80.6112,
83.2770

■ 48.0264, 30.8892,
16.3500

■ 92.9442, 96.8907,
104.7995

■ 44.9608, 26.4568,
10.0909

■ 95.0500, 100.0000,
108.9000

■ 42.9078, 23.5222,
5.7954

■ 41.7383, 21.8886,
3.2306

■ 41.2917, 21.2807,
2.2020

Harmonies

Analogous

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



64.8646, 54.7064, 66.2158



64.3119, 54.7064, 48.7648



60.3106, 54.7064, 36.8847

Triad

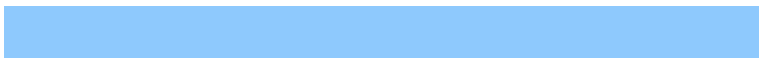
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



64.3119, 54.7064, 48.7648



43.3172, 54.7064, 39.6709



49.7883, 54.7064, 100.6891

Complementary

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



64.3119, 54.7064, 48.7648



70.7885, 87.5480, 105.2671

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.



44.4845, 54.7064, 90.0391



64.3119, 54.7064, 48.7648



40.9543, 54.7064, 53.3770

Square

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



64.3119, 54.7064, 48.7648



48.0742, 54.7064, 32.4166



41.3636, 54.7064, 71.8548



56.1272, 54.7064, 98.7577

Rectangle

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



64.3119, 54.7064, 48.7648



56.3936, 54.7064, 32.5926



41.3636, 54.7064, 71.8548



47.8346, 54.7064, 98.3890

Sweetspot

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



64.3132, 54.7089, 48.7659



83.7431, 83.3138, 86.8569



72.9530, 57.9946, 101.9568



17.6108, 17.3700, 17.9783



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.



64.3132, 54.7089, 48.7659



59.9774, 48.3452, 40.2054



72.0393, 70.6337, 49.8844



18.0366, 17.9980, 18.8099



21.5875, 11.1243, 1.2125



2.1110, 1.0868, 0.1662

Inverse Universe

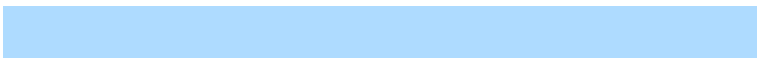
The Inverse Universe completely reimagines the original color for something new.



64.3132, 54.7089, 48.7659



59.9774, 48.3452, 40.2054



60.7220, 66.6494, 104.2720



18.0366, 17.9980, 18.8099



21.5875, 11.1243, 1.2125



2.1110, 1.0868, 0.1662

Previews

White Background



This preview shows how the XYZ color 64.3119, 54.7064, 48.7648 looks on a white background.

Color Contrast Check

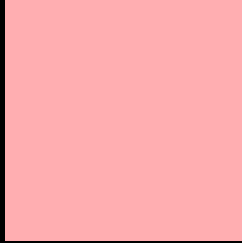
Large Text (above 18pt) WCAG AA × Fail

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 64.3119, 54.7064, 48.7648 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

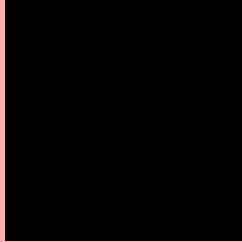
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 64.3119, 54.7064, 48.7648

Background



This preview shows how black text looks on a background with the XYZ color 64.3119, 54.7064, 48.7648.



This preview shows how white text looks on a background with the XYZ color 64.3119, 54.7064,

48.7648.

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

64.3119, 54.7064, 48.7648

Protanopia

52.6796, 55.0786, 55.4317

Deuteranopia

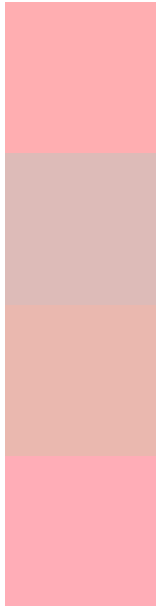
55.9618, 54.9808, 47.7072



Tritanopia

65.0465, 54.6923, 53.5827

Trichromacy



Original Color

64.3119, 54.7064, 48.7648

Protanomaly

56.2408, 54.3735, 52.8783

Deuteranomaly

58.8100, 54.8686, 48.0485

Tritanomaly

64.7308, 54.5660, 51.9204

Monochromacy



Original Color

64.3119, 54.7064, 48.7648

Achromatopsia

54.2854, 57.1125, 62.1955

Achromatomaly

57.0308, 55.6486, 57.0256

CSS Examples

Text

The CSS property to change the color of the text to XYZ 64.3119, 54.7064, 48.7648 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, 174, 177)` looks like.

```
.text, #text, p{  
    color:rgb(255, 174, 177)  
}
```

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, 174, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 174, 177) }
```

Border

The CSS property to change the border of an element to XYZ 64.3119, 54.7064, 48.7648 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, 174, 177) }
```


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

```
.border{ border-color:rgb(255, 174, 177) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 174, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 174, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 174, 177);  
box-shadow:4px 4px 4px 4px rgb(255, 174,  
177) }
```

Background

The CSS property to change the background color of an element to XYZ 64.3119, 54.7064, 48.7648 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 174, 177) }
```

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

```
.background{ background-color: rgb(255,  
174, 177) }
```

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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