

Converting Colors

XYZ(68.1111, 64.5594, 48.4065)

Have a look what the booklet for
XYZ(68.1111, 64.5594, 48.4065)
contains.

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Color

**XYZ(68.1111, 64.5594,
48.4065)**

Conversions

Conversions Part 1

Format	Color
Hex	FCC7AD
RGB	252, 199, 173
RGB Percent	99%, 78%, 68%
CMY	0.0118, 0.2196, 0.3216
CMYK	0.00, 0.21, 0.31, 0.01
HSL	20°, 93%, 83%
HSV	20°, 31%, 99%
XYZ	68.1111, 64.5594, 48.4065
YIQ	211.8830, 39.9340, 3.1500

Conversions

Conversions Part 2

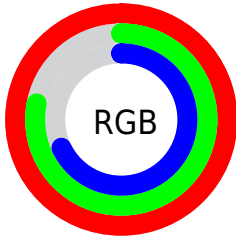
Format	Color
R _Y B	252, 212, 173
Decimal	16566189
CIE Lab	84.26, 15.30, 20.21
CIE LCh	84, 25.348, 52.882
Yxy	64.5594, 0.3761, 0.3565
Android (android.graphics.Color)	4294756269 (0xFFFC7AD)
YUV	211.8830, -19.1693, 35.1826
Hunter-Lab	80.3489, 10.7025, 20.5247

Details

The XYZ color **68.1111, 64.5594, 48.4065** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **61.9997, 70.3029, 102.3976**, and the grayscale version is **62.6077, 65.8682, 71.7305**.

A 20% lighter version of the original color is **91.1429, 98.4371, 88.3253**, and **35.8247, 33.1006, 22.5900** is the 20% darker color. If you saturate the color by 10%, you get **62.2233, 56.3249, 35.5269**, and if you desaturate by 10%, it is **74.8943, 73.8481, 63.8548**.

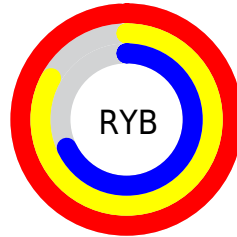
Distribution



Red (99%)

Green (78%)

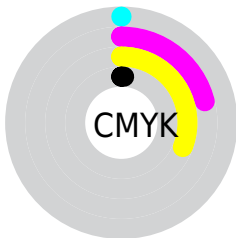
Blue (68%)



Red (99%)

Yellow (83%)

Blue (68%)

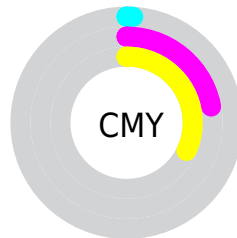


Cyan (0%)

Magenta (21%)

Yellow (31%)

Black (1%)



Cyan (1%)


Magenta (22%)


Yellow (32%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 68.1111, 64.5594, 48.4065 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 68.1111, 64.5594, 48.4065 by changing the saturation by 10% instead.


 68.1111, 64.5594,
48.4065

 68.1111, 64.5594,
48.4065


443.2601,
441.2070, 396.9562

 50.2621, 47.1039,
33.7866


 115.5521,
111.4162, 89.1812

 35.8404, 33.1178,
22.4537


145.8748,
141.5862, 116.1731

 24.4805, 22.2167,
13.9892


181.0862,
176.7633, 148.1260

 15.8171, 14.0162,
7.9745

221.5516,
217.3317, 185.4587

 9.4848, 8.1319,
3.9911

267.6363,
263.6759, 228.5894

 5.1184, 4.1795,
1.6204

319.7057,

 2.3524, 1.7745,

316.1802, 277.9369

0.3053

378.1252,
375.2291, 333.9197

■ 0.8213, 0.4712,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 68.1111, 64.5594,
48.4065

■ 68.1111, 64.5594,
48.4065

■ 62.2233, 56.3249,
35.5269

■ 74.8943, 73.8481,
63.8548

■ 57.1859, 49.0970,
25.0710

■ 82.6052, 84.2184,
81.9983

■ 52.9572, 42.8377,
16.8850

■ 91.2805, 95.7077,
102.9595

■ 49.4897, 37.5029,
10.7958

■ 93.9549, 99.4355,
108.8488

■ 46.7300, 33.0446,
6.6048

■ 44.6162, 29.4093,
4.0741

■ 43.2346, 26.8749,
2.9086

Harmonies

Analogous

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



71.8571, 64.5594, 58.9424



68.1111, 64.5594, 48.4065



62.7095, 64.5594, 43.8571

Triad

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



68.1111, 64.5594, 48.4065



51.2588, 64.5594, 66.5317



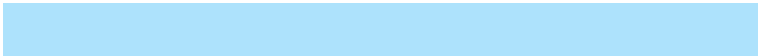
65.6568, 64.5594, 102.8071

Complementary

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



68.1111, 64.5594, 48.4065



61.9997, 70.3029, 102.3976

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.



60.0335, 64.5594, 105.6615



68.1111, 64.5594, 48.4065



51.9416, 64.5594, 83.0173

Square

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



68.1111, 64.5594, 48.4065



53.1481, 64.5594, 53.2356



55.0737, 64.5594, 97.9486



70.3809, 64.5594, 90.6555

Rectangle

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



68.1111, 64.5594, 48.4065



58.9858, 64.5594, 44.2526



55.0737, 64.5594, 97.9486



63.8007, 64.5594, 104.9545

Sweetspot

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



68.1128, 64.5624, 48.4078



86.8564, 89.1767, 89.0162



68.9517, 56.1284, 79.8611



18.3238, 18.7320, 18.4132



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.



68.1128, 64.5624, 48.4078



65.8331, 60.5579, 40.6120



78.1220, 84.5809, 51.7442



17.7113, 18.1584, 18.0338



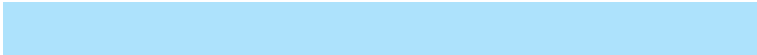
22.6409, 14.2384, 1.5550



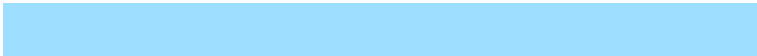
2.1895, 1.5039, 0.1749

Inverse Universe

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



61.9997, 70.3029, 102.3976



58.5853, 67.3294, 104.5158



52.6779, 51.6593, 99.2904



17.2562, 18.5892, 22.0639



16.6885, 18.7325, 50.7097



1.6425, 1.9287, 4.7289

Previews

White Background



This preview shows how the XYZ color 68.1111, 64.5594, 48.4065 looks on a white background.

Color Contrast Check

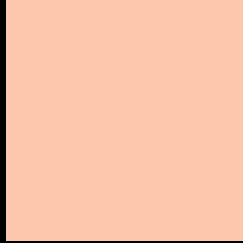
Large Text (above 18pt) WCAG AA × Fail

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 68.1111, 64.5594, 48.4065 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

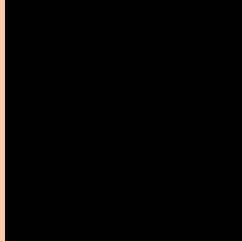
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 68.1111, 64.5594, 48.4065

Background



This preview shows how black text looks on a background with the XYZ color 68.1111, 64.5594, 48.4065.



This preview shows how white text looks on a background with the XYZ color 68.1111, 64.5594,

48.4065.

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

68.1111, 64.5594, 48.4065

Protanopia

61.2067, 64.8371, 51.4084

Deuteranopia

65.8752, 64.4527, 47.9983



Tritanopia

72.0404, 64.4470, 68.9642

Trichromacy



Original Color

68.1111, 64.5594, 48.4065

Protanomaly

63.5121, 64.6008, 50.1961

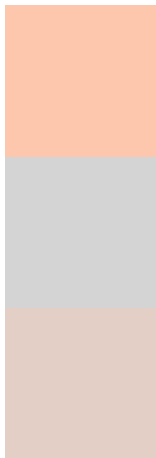
Deuteranomaly

66.6908, 64.5260, 47.9695

Tritanomaly

70.5768, 64.5362, 60.9615

Monochromacy



Original Color

68.1111, 64.5594, 48.4065

Achromatopsia

62.5785, 65.8375, 71.6970

Achromatomaly

64.1844, 65.0338, 62.5960

CSS Examples

Text

The CSS property to change the color of the text to XYZ 68.1111, 64.5594, 48.4065 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(252, 199, 173)` looks like.

```
.text, #text, p{  
    color:rgb(252, 199, 173)  
}
```

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(252, 199, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 199, 173) }
```

Border

The CSS property to change the border of an element to XYZ 68.1111, 64.5594, 48.4065 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(252, 199, 173) }
```


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

```
.border{ border-color:rgb(252, 199, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(252, 199, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 199, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 199, 173);  
box-shadow:4px 4px 4px 4px rgb(252, 199,  
173) }
```

Background

The CSS property to change the background color of an element to XYZ 68.1111, 64.5594, 48.4065 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 199, 173) }
```

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

```
.background{ background-color: rgb(252,  
199, 173) }
```

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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