

Converting Colors

XYZ(74.7908, 66.2820, 48.2507)

Have a look what the booklet for
XYZ(74.7908, 66.2820, 48.2507)
contains.

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Color

**XYZ(68.0746, 62.8607,
48.0806)**

Conversions

Conversions Part 1

Format	Color
Hex	FFC2AD
RGB	255, 194, 173
RGB Percent	100%, 76%, 68%
CMY	0.0000, 0.2392, 0.3216
CMYK	0.00, 0.24, 0.32, 0.00
HSL	15°, 100%, 84%
HSV	15°, 32%, 100%
XYZ	68.0746, 62.8607, 48.0806
YIQ	209.8450, 43.0970, 6.4010

Conversions

Conversions Part 2

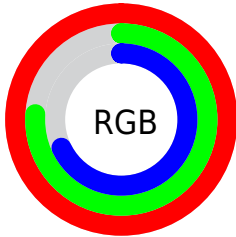
Format	Color
R _Y B	255, 201, 173
Decimal	16761517
CIE Lab	83.37, 19.04, 19.03
CIE LCh	83, 26.917, 44.979
Yxy	62.8607, 0.3803, 0.3511
Android (android.graphics.Color)	4294951597 (0xFFFFC2AD)
YUV	209.8450, -18.1646, 39.6009
Hunter-Lab	79.2847, 14.5134, 19.5441

Details

The XYZ color **68.0746, 62.8607, 48.0806** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **64.7054, 74.9473, 105.6637**, and the grayscale version is **61.2538, 64.4438, 70.1793**.

A 20% lighter version of the original color is **89.7408, 95.8558, 87.1710**, and **35.8552, 32.0070, 22.3773** is the 20% darker color. If you saturate the color by 10%, you get **61.8834, 54.0573, 34.9831**, and if you desaturate by 10%, it is **75.2788, 72.9360, 63.8404**.

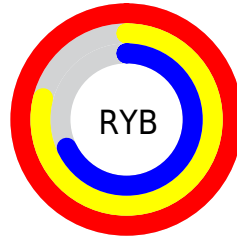
Distribution



Red (100%)

Green (76%)

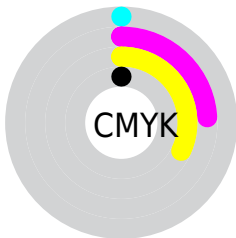
Blue (68%)



Red (100%)

Yellow (79%)

Blue (68%)

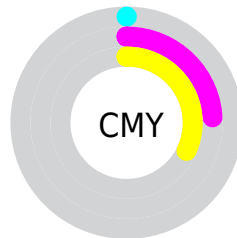


Cyan (0%)

Magenta (24%)

Yellow (32%)

Black (0%)



Cyan (0%)


Magenta (24%)


Yellow (32%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 68.0746, 62.8607, 48.0806 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 68.0746, 62.8607, 48.0806 by changing the saturation by 10% instead.


 68.0746, 62.8607,
48.0806

 68.0746, 62.8607,
48.0806


443.1329,
435.0638, 395.6294

 50.2323, 45.7285,
33.5303


 115.5002,
108.9685, 88.6912

 35.8166, 32.0316,
22.2585

145.8142,
138.7130, 115.5885

 24.4620, 21.3857,
13.8469


181.0162,
173.4303, 147.4387

 15.8033, 13.4062,
7.8767

221.4715,
213.5048, 184.6601

 9.4750, 7.7089,
3.9295

267.5454,
259.3211, 227.6713

 5.1119, 3.9092,
1.5868

319.6034,

 2.3485, 1.6229,

311.2634, 276.8909

0.2813

378.0108,
369.7162, 332.7374

0.8193, 0.3730,
0.0000

0.0000, 0.0000,
0.0000

68.0746, 62.8607,
48.0806

68.0746, 62.8607,
48.0806

61.8834, 54.0573,
34.9831

75.2788, 72.9360,
63.8404

56.6533, 46.4659,
24.3957

83.5351, 84.3226,
82.3953

52.3348, 40.0344,
16.1569

92.8863, 97.0691,
103.8738

48.8717, 34.7036,
10.0842

95.0500, 100.0000,
108.9000

■ 46.2011, 30.4087,
5.9680

■ 44.2495, 27.0770,
3.5561

■ 43.1488, 25.0776,
2.5663

Harmonies

Analogous

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



71.3026, 62.8607, 60.4408



68.0746, 62.8607, 48.0806



62.7145, 62.8607, 41.7759

Triad

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



68.0746, 62.8607, 48.0806



49.5149, 62.8607, 60.4194



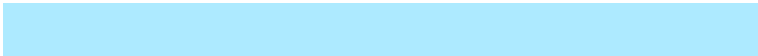
62.7061, 62.8607, 104.5772

Complementary

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



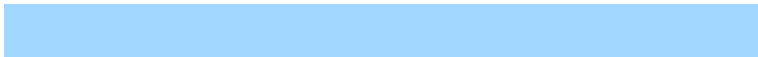
68.0746, 62.8607, 48.0806



64.7054, 74.9473, 105.6637

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.



56.8751, 62.8607, 104.5689



68.0746, 62.8607, 48.0806



49.5130, 62.8607, 77.1255

Square

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



68.0746, 62.8607, 48.0806



52.1337, 62.8607, 48.0671



52.1282, 62.8607, 93.8731



68.0681, 62.8607, 93.8942

Rectangle

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



68.0746, 62.8607, 48.0806



58.7750, 62.8607, 41.0743



52.1282, 62.8607, 93.8731



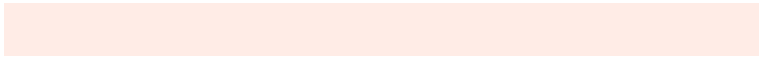
60.7301, 62.8607, 105.8751

Sweetspot

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



68.0762, 62.8636, 48.0819



85.4575, 86.9545, 86.7751



71.1072, 57.1171, 85.4963



18.0220, 18.2431, 17.9591



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.



68.0762, 62.8636, 48.0819



63.7317, 56.7031, 38.8388



78.3485, 83.4082, 51.5060



18.3875, 18.7432, 18.7930



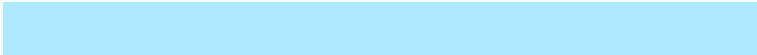
22.6467, 13.3047, 1.3744



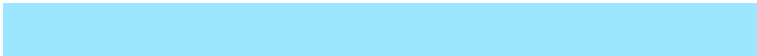
2.2884, 1.4621, 0.1616

Inverse Universe

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



64.7054, 74.9473, 105.6637



59.8381, 70.5726, 105.0758



54.4649, 54.4663, 102.2502



18.1378, 19.6473, 23.0863



19.1431, 23.1958, 52.9029



1.9517, 2.4341, 5.1802

Previews

White Background



This preview shows how the XYZ color 68.0746, 62.8607, 48.0806 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 68.0746, 62.8607, 48.0806 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 68.0746, 62.8607, 48.0806

Background



This preview shows how black text looks on a background with the XYZ color 68.0746, 62.8607, 48.0806.



This preview shows how white text looks on a background with the XYZ color 68.0746, 62.8607,

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

68.0746, 62.8607, 48.0806

Protanopia

59.4645, 62.8264, 52.1726

Deuteranopia

64.3763, 62.9879, 47.7946



Tritanopia

70.7699, 62.8812, 65.5341

Trichromacy



Original Color

68.0746, 62.8607, 48.0806

Protanomaly

62.0113, 62.4043, 50.3719

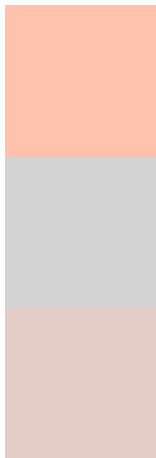
Deuteranomaly

65.6465, 62.9596, 47.7222

Tritanomaly

69.7153, 62.8095, 58.9011

Monochromacy



Original Color

68.0746, 62.8607, 48.0806

Achromatopsia

61.2578, 64.4480, 70.1838

Achromatomaly

63.0349, 63.3857, 61.7357

CSS Examples

Text

The CSS property to change the color of the text to XYZ 68.0746, 62.8607, 48.0806 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, 194, 173)` looks like.

```
.text, #text, p{  
    color:rgb(255, 194, 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(255, 194, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 194, 173) }
```

Border

The CSS property to change the border of an element to XYZ 68.0746, 62.8607, 48.0806 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, 194, 173) }
```


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

```
.border{ border-color:rgb(255, 194, 173) }
```

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

Here you see how a box with a 4 pixel rgb(255, 194, 173) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 194, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 194, 173);  
box-shadow:4px 4px 4px 4px rgb(255, 194,  
173) }
```

Background

The CSS property to change the background color of an element to XYZ 68.0746, 62.8607, 48.0806 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 194, 173) }
```

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

```
.background{ background-color: rgb(255,  
194, 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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