

Converting Colors

XYZ(67.8903, 62.4694, 48.0891)

Have a look what the booklet for
XYZ(67.8903, 62.4694, 48.0891)
contains.

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Color

**XYZ(67.8528, 62.4171,
48.0066)**

Conversions

Conversions Part 1

Format	Color
Hex	FFC1AD
RGB	255, 193, 173
RGB Percent	100%, 76%, 68%
CMY	0.0000, 0.2431, 0.3216
CMYK	0.00, 0.24, 0.32, 0.00
HSL	15°, 100%, 84%
HSV	15°, 32%, 100%
XYZ	67.8528, 62.4171, 48.0066
YIQ	209.2580, 43.3720, 6.9240

Conversions

Conversions Part 2

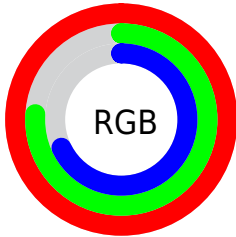
Format	Color
R _Y B	255, 199, 173
Decimal	16761261
CIE Lab	83.13, 19.56, 18.70
CIE LCh	83, 27.063, 43.707
Yxy	62.4171, 0.3806, 0.3501
Android (android.graphics.Color)	4294951341 (0xFFFFC1AD)
YUV	209.2580, -17.8752, 40.1157
Hunter-Lab	79.0045, 15.0464, 19.2759

Details

The XYZ color **67.8528, 62.4171, 48.0066** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **64.9908, 75.5181, 105.7588**, and the grayscale version is **60.8674, 64.0373, 69.7366**.

A 20% lighter version of the original color is **89.4292, 95.2327, 87.0671**, and **35.7098, 31.7160, 22.3289** is the 20% darker color. If you saturate the color by 10%, you get **61.6294, 53.5494, 34.8984**, and if you desaturate by 10%, it is **75.1059, 72.5902, 63.7826**.

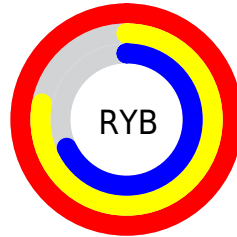
Distribution



Red (100%)

Green (76%)

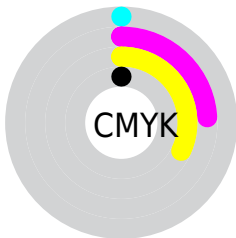
Blue (68%)



Red (100%)

Yellow (78%)

Blue (68%)

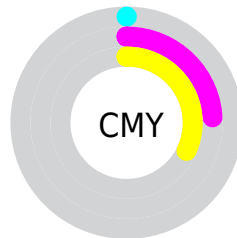


Cyan (0%)

Magenta (24%)

Yellow (32%)

Black (0%)



Cyan (0%)


Magenta (24%)

Yellow (32%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 67.8528, 62.4171, 48.0066 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 67.8528, 62.4171, 48.0066 by changing the saturation by 10% instead.


 67.8528, 62.4171,
48.0066

 67.8528, 62.4171,
48.0066


442.3592,
433.4509, 395.3278

 50.0512, 45.3698,
33.4721


 115.1846,
108.3281, 88.5799

 35.6721, 31.7488,
22.2143

145.4456,
137.9607, 115.4557

 24.3500, 21.1697,
13.8146


180.5903,
172.5571, 147.2824

 15.7196, 13.2481,
7.8546

220.9843,
212.5017, 184.4785

 9.4155, 7.5996,
3.9156

266.9928,
258.1790, 227.4626

 5.0725, 3.8398,
1.5792

318.9812,

 2.3250, 1.5844,

309.9734, 276.6531

0.2759

377.3149,
368.2692, 332.4687

■ 0.8074, 0.3470,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 67.8528, 62.4171,
48.0066

■ 67.8528, 62.4171,
48.0066

■ 61.6294, 53.5494,
34.8984

■ 75.1059, 72.5902,
63.7826

■ 56.3828, 45.9249,
24.3055

■ 83.4288, 84.1100,
82.3597

■ 52.0622, 39.4893,
16.0660

■ 92.8654, 97.0272,
103.8667

■ 48.6103, 34.1807,
9.9970

95.0500, 100.0000,
108.9000

■ 45.9624, 29.9313,
5.8884

■ 44.0436, 26.6651,
3.4874

■ 42.9742, 24.7284,
2.5081

Harmonies

Analogous

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



70.9644, 62.4171, 60.5953



67.8528, 62.4171, 48.0066



62.5445, 62.4171, 41.4460

Triad

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



67.8528, 62.4171, 48.0066



49.1505, 62.4171, 59.3012



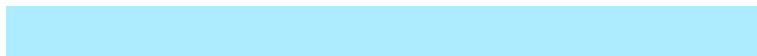
62.0369, 62.4171, 104.3969

Complementary

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



67.8528, 62.4171, 48.0066



64.9908, 75.5181, 105.7588

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.



56.2191, 62.4171, 103.8957



67.8528, 62.4171, 48.0066



49.0344, 62.4171, 75.9019

Square

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



67.8528, 62.4171, 48.0066



51.8727, 62.4171, 47.1942



51.5445, 62.4171, 92.7976



67.4602, 62.4171, 94.0712

Rectangle

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



67.8528, 62.4171, 48.0066



58.5997, 62.4171, 40.5685



51.5445, 62.4171, 92.7976



60.0574, 62.4171, 105.5351

Sweetspot

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



67.8544, 62.4200, 48.0079



85.3680, 86.7756, 86.7453



71.3049, 57.1961, 86.5374



18.0005, 18.2001, 17.9519



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.



67.8544, 62.4200, 48.0079



63.4862, 56.2120, 38.7570



77.9598, 82.6308, 51.3763



18.3692, 18.7066, 18.7869



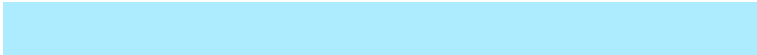
22.5517, 13.1147, 1.3428



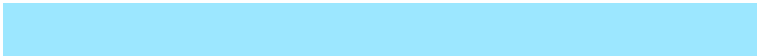
2.2769, 1.4391, 0.1578

Inverse Universe

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



64.9908, 75.5181, 105.7588



60.1758, 71.2480, 105.1884



54.7694, 55.0754, 102.3517



18.1574, 19.6864, 23.0928



19.4945, 23.8986, 53.0200



1.9833, 2.4974, 5.1908

Previews

White Background



This preview shows how the XYZ color 67.8528, 62.4171, 48.0066 looks on a white background.

Color Contrast Check

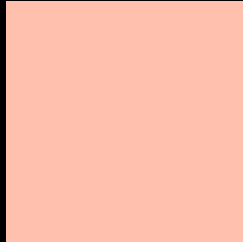
Large Text (above 18pt) WCAG AA × Fail

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 67.8528, 62.4171, 48.0066 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 67.8528, 62.4171, 48.0066

Background



This preview shows how black text looks on a background with the XYZ color 67.8528, 62.4171, 48.0066.



This preview shows how white text looks on a background with the XYZ color 67.8528, 62.4171,

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

67.8528, 62.4171, 48.0066

Protanopia

59.1663, 62.6726, 52.1586

Deuteranopia

63.8050, 62.3507, 47.7017



Tritanopia

70.4329, 62.3987, 64.8318

Trichromacy



Original Color

67.8528, 62.4171, 48.0066

Protanomaly

62.0113, 62.4043, 50.3719

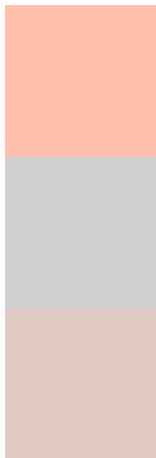
Deuteranomaly

65.0688, 62.3235, 47.6299

Tritanomaly

69.3852, 62.3274, 58.2426

Monochromacy



Original Color

67.8528, 62.4171, 48.0066

Achromatopsia

60.6036, 63.7597, 69.4343

Achromatomaly

62.6838, 62.8661, 61.0551

CSS Examples

Text

The CSS property to change the color of the text to XYZ 67.8528, 62.4171, 48.0066 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, 193, 173)` looks like.

```
.text, #text, p{  
    color:rgb(255, 193, 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, 193, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 193, 173) }
```

Border

The CSS property to change the border of an element to XYZ 67.8528, 62.4171, 48.0066 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, 193, 173) }
```


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

```
.border{ border-color:rgb(255, 193, 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, 193, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 193, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 193, 173);  
box-shadow:4px 4px 4px 4px rgb(255, 193,  
173) }
```

Background

The CSS property to change the background color of an element to XYZ 67.8528, 62.4171, 48.0066 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 193, 173) }
```

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

```
.background{ background-color: rgb(255,  
193, 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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