

# Converting Colors

XYZ(67.1262, 61.2584, 46.8568)

Have a look what the booklet for  
XYZ(67.1262, 61.2584, 46.8568)  
contains.

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# Color

**XYZ(67.2215, 61.4619,  
46.8484)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	FFBFAB
RGB	255, 191, 171
RGB Percent	100%, 75%, 67%
CMY	0.0000, 0.2510, 0.3294
CMYK	0.00, 0.25, 0.33, 0.00
HSL	14°, 100%, 84%
HSV	14°, 33%, 100%
XYZ	67.2215, 61.4619, 46.8484
YIQ	207.8560, 44.5640, 7.3480

# Conversions

## Conversions Part 2

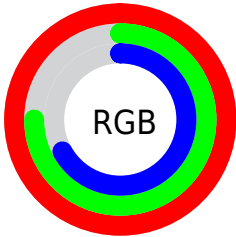
Format	Color
R <sub>Y</sub> B	255, 197, 171
Decimal	16760747
CIE Lab	82.63, 20.36, 19.06
CIE LCh	83, 27.891, 43.102
Yxy	61.4619, 0.3830, 0.3501
Android (android.graphics.Color)	4294950827 (0xFFFFBFAB)
YUV	207.8560, -18.1700, 41.3453
Hunter-Lab	78.3976, 15.8577, 19.4482

# Details

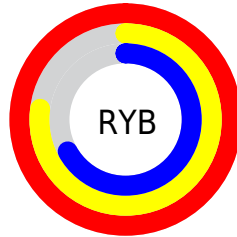
The XYZ color **67.2215, 61.4619, 46.8484** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **64.5518, 75.2918, 105.7383**, and the grayscale version is **59.9561, 63.0784, 68.6924**.

A 20% lighter version of the original color is **88.5349, 93.8858, 85.4070**, and **35.3014, 31.0935, 21.5938** is the 20% darker color. If you saturate the color by 10%, you get **61.0622, 52.6651, 33.9383**, and if you desaturate by 10%, it is **74.4147, 71.5759, 62.4177**.

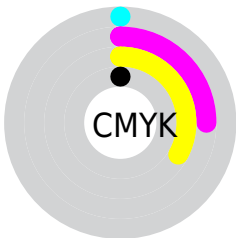
# Distribution



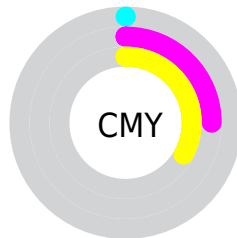
- Red (100%)
- Green (75%)
- Blue (67%)



- Red (100%)
- Yellow (77%)
- Blue (67%)



- Cyan (0%)
- Magenta (25%)
- Yellow (33%)
- Black (0%)




- Cyan (0%)
- Magenta (25%)
- Yellow (33%)


# Brightness & Saturation Gradients

These gradients show how the XYZ color 67.2215, 61.4619, 46.8484 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 67.2215, 61.4619, 46.8484 by changing the saturation by 10% instead.




 67.2215, 61.4619,  
46.8484

 67.2215, 61.4619,  
46.8484


440.1529,  
429.9656, 390.5853

 49.5360, 44.5980,  
32.5623


 114.2858,  
106.9474, 86.8349

 35.2612, 31.1409,  
21.5230


144.3953,  
136.3379, 113.3724

 24.0316, 20.7062,  
13.3119


179.3769,  
170.6727, 144.8308

 15.4819, 12.9094,  
7.5104

219.5958,  
210.3363, 181.6287

 9.2468, 7.3662,  
3.7001

265.4176,  
255.7129, 224.1845

 4.9609, 3.6922,  
1.4623

317.2074,

 2.2589, 1.5029,

307.1871, 272.9169

0.1896

375.3307,  
365.1432, 328.2443

■ 0.7735, 0.2908,  
0.0000

■ 0.0000, 0.0000,  
0.0000

■ 67.2215, 61.4619,  
46.8484

■ 67.2215, 61.4619,  
46.8484

■ 61.0622, 52.6651,  
33.9383

■ 74.4147, 71.5759,  
62.4177

■ 55.8833, 45.1222,  
23.5338

■ 82.6830, 83.0499,  
80.7806

■ 51.6330, 38.7772,  
15.4714

■ 92.0706, 95.9355,  
102.0667

■ 48.2527, 33.5667,  
9.5663

95.0500, 100.0000,  
108.9000

■ 45.6766, 29.4208,  
5.6054

■ 43.8278, 26.2609,  
3.3312

■ 42.8944, 24.5688,  
2.4815

# Harmonies

## Analogous

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



70.3473, 61.4619, 59.7311



67.2215, 61.4619, 46.8484



61.8240, 61.4619, 40.0999

# Triad

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



67.2215, 61.4619, 46.8484



48.0922, 61.4619, 57.7989



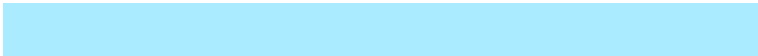
61.0631, 61.4619, 104.3905

# Complementary

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



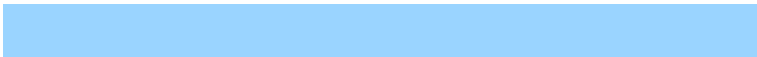
67.2215, 61.4619, 46.8484



64.5518, 75.2918, 105.7383

# 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.



55.1388, 61.4619, 103.6329



67.2215, 61.4619, 46.8484



47.9193, 61.4619, 74.6671

# Square

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



67.2215, 61.4619, 46.8484



50.9080, 61.4619, 45.6427



50.4182, 61.4619, 92.0383



66.6318, 61.4619, 93.9592



# Rectangle

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



67.2215, 61.4619, 46.8484



57.7977, 61.4619, 39.1315



50.4182, 61.4619, 92.0383



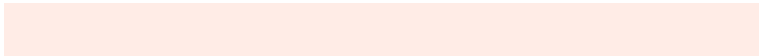
59.0421, 61.4619, 105.4823

# Sweetspot

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



67.2230, 61.4648, 46.8496



85.3255, 86.6905, 86.7311



70.8565, 56.4077, 86.0541



17.9902, 18.1796, 17.9485



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.



67.2230, 61.4648, 46.8496



62.7697, 55.1198, 37.4679



77.6167, 82.2521, 50.3142



18.3605, 18.6892, 18.7840



22.5082, 13.0277, 1.3283

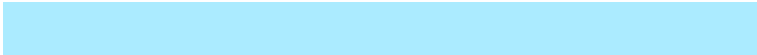


2.2715, 1.4285, 0.1560

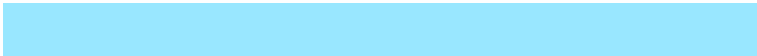


# Inverse Universe

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



64.5518, 75.2918, 105.7383



59.6810, 70.9806, 105.1628



54.0036, 54.1956, 102.2222



18.1667, 19.7050, 23.0959



19.6645, 24.2386, 53.0767



1.9986, 2.5279, 5.1959



# Previews

## White Background



This preview shows how the XYZ color 67.2215, 61.4619, 46.8484 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

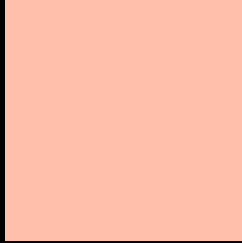
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the XYZ color 67.2215, 61.4619, 46.8484 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

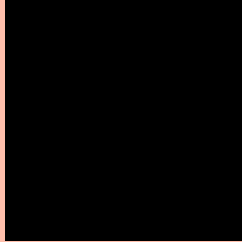
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# XYZ 67.2215, 61.4619, 46.8484

## Background



This preview shows how black text looks on a background with the XYZ color 67.2215, 61.4619, 46.8484.



This preview shows how white text looks on a background with the XYZ color 67.2215, 61.4619,

46.8484.

# 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

67.2215, 61.4619, 46.8484

### Protanopia

58.1861, 61.4759, 50.9188

### Deuteranopia

63.0464, 61.6412, 46.6052



## Tritanopia

69.7658, 61.4435, 63.4411

# Trichromacy



## Original Color

67.2215, 61.4619, 46.8484

## Protanomaly

61.0253, 61.2267, 49.1590

## Deuteranomaly

64.4270, 61.3450, 46.4753

## Tritanomaly

68.7319, 61.3729, 56.9388

# Monochromacy



## Original Color

67.2215, 61.4619, 46.8484

## Achromatopsia

59.9535, 63.0757, 68.6895

## Achromatomaly

62.0222, 62.1887, 60.3645

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 67.2215, 61.4619, 46.8484 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, 191, 171)` looks like.

```
.text, #text, p{  
  color:rgb(255, 191, 171)  
}
```

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, 191, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 191, 171) }
```

## Border

The CSS property to change the border of an element to XYZ 67.2215, 61.4619, 46.8484 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, 191, 171) }
```



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

```
.border{ border-color:rgb(255, 191, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 191, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 191, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 191, 171);  
box-shadow:4px 4px 4px 4px rgb(255, 191,  
171) }
```

# Background

The CSS property to change the background color of an element to XYZ 67.2215, 61.4619, 46.8484 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 191, 171) }
```

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

```
.background{ background-color: rgb(255,  
191, 171) }
```

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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