

# Converting Colors

XYZ(75.5064, 75.1659, 58.4453)

Have a look what the booklet for  
XYZ(75.5064, 75.1659, 58.4453)  
contains.

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# Color

**XYZ(75.4967, 75.0769,  
58.6563)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FFDABD
RGB	255, 218, 189
RGB Percent	100%, 85%, 74%
CMY	0.0000, 0.1451, 0.2588
CMYK	0.00, 0.15, 0.26, 0.00
HSL	26°, 100%, 87%
HSV	26°, 26%, 100%
XYZ	75.4967, 75.0769, 58.6563
YIQ	225.7570, 31.3610, -1.1750

# Conversions

## Conversions Part 2

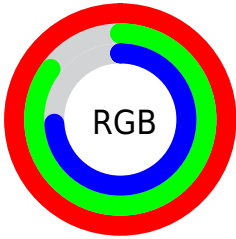
Format	Color
R <sub>Y</sub> B	255, 241, 189
Decimal	16767677
CIE Lab	89.43, 8.62, 19.04
CIE LCh	89, 20.900, 65.640
Yxy	75.0769, 0.3608, 0.3588
Android (android.graphics.Color)	4294957757 (0xFFFFDABD)
YUV	225.7570, -18.1212, 25.6461
Hunter-Lab	86.6469, 3.8975, 20.5160

# Details

The XYZ color **75.4967, 75.0769, 58.6563** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **66.2318, 72.4293, 105.0972**, and the grayscale version is **72.2256, 75.9870, 82.7498**.

A 20% lighter version of the original color is **93.4814, 99.3726, 100.6400**, and **40.8298, 39.9777, 28.8571** is the 20% darker color. If you saturate the color by 10%, you get **69.4206, 66.9717, 44.1545**, and if you desaturate by 10%, it is **82.3828, 84.0228, 75.8308**.

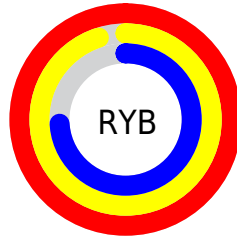
# Distribution



Red (100%)

Green (85%)

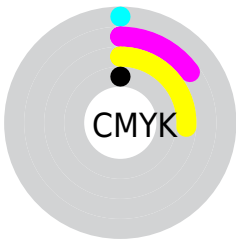
Blue (74%)



Red (100%)

Yellow (95%)

Blue (74%)

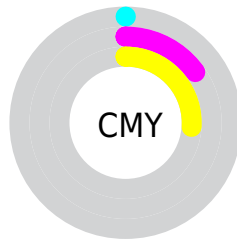


Cyan (0%)

Magenta (15%)

Yellow (26%)

Black (0%)



Cyan (0%)

Magenta (15%)


Yellow (26%)


# Brightness & Saturation Gradients

These gradients show how the XYZ color 75.4967, 75.0769, 58.6563 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 75.4967, 75.0769, 58.6563 by changing the saturation by 10% instead.





 75.4967, 75.0769,  
58.6563

 75.4967, 75.0769,  
58.6563

468.5940,  
478.1818, 437.2934

 56.3155, 55.6759,  
41.9183


 125.9994,  
126.4212, 104.4022

 40.6939, 39.9431,  
28.7122


158.0516,  
159.1333, 134.2471

 28.2666, 27.4942,  
18.6195

195.1248,  
197.0512, 169.2982

 18.6682, 17.9447,  
11.2217

237.5844,  
240.5593, 209.9738

 11.5334, 10.9103,  
6.1001

285.7958,  
290.0421, 256.6926

 6.4967, 6.0066,  
2.8363

340.1243,

 3.1929, 2.8491,

345.8838, 309.8731

1.0117

400.9352,  
408.4689, 369.9339

■ 1.2566, 1.0535,  
0.0000

■ 0.1504, 0.0000,  
0.0000

■ 75.4967, 75.0769,  
58.6563

■ 75.4967, 75.0769,  
58.6563

■ 69.4206, 66.9717,  
44.1545

■ 82.3828, 84.0228,  
75.8308

■ 64.1155, 59.6709,  
32.1838

■ 90.1049, 93.8243,  
95.8003

■ 59.5472, 53.1501,  
22.5966

95.0500, 100.0000,  
108.9000

■ 55.6760, 47.3794,  
15.2279

■ 52.4581, 42.3268,  
9.8911

■ 49.8431, 37.9567,  
6.3686

■ 47.7704, 34.2287,  
4.3907

■ 47.0414, 32.8629,  
3.8638

# Harmonies

## Analogous

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



79.6623, 75.0769, 66.3923



75.4967, 75.0769, 58.6563



70.3951, 75.0769, 56.7743

# Triad

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



75.4967, 75.0769, 58.6563



62.0022, 75.0769, 84.5486



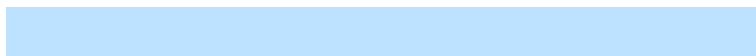
77.2503, 75.0769, 106.8687

# Complementary

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



75.4967, 75.0769, 58.6563



66.2318, 72.4293, 105.0972

# 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.



72.3304, 75.0769, 113.1388



75.4967, 75.0769, 58.6563



63.6525, 75.0769, 99.3011

# Square

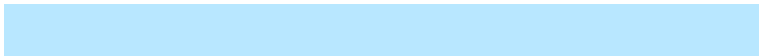
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



75.4967, 75.0769, 58.6563



62.7600, 75.0769, 70.6588



67.3740, 75.0769, 110.2164



80.7082, 75.0769, 93.9362



# Rectangle

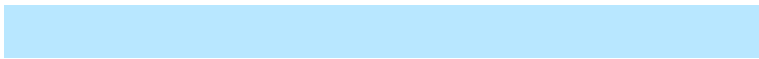
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



75.4967, 75.0769, 58.6563



67.1823, 75.0769, 58.8700



67.3740, 75.0769, 110.2164



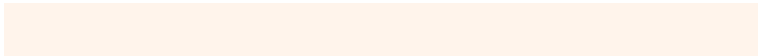
75.7040, 75.0769, 109.8916

# Sweetspot

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



75.4985, 75.0803, 58.6578



88.3977, 91.6751, 91.3306



73.2205, 63.1690, 80.5739



18.6662, 19.3007, 18.8859



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.



75.4985, 75.0803, 58.6578



72.2890, 70.8275, 50.9094



84.7979, 93.6790, 61.7576



18.6662, 19.3007, 18.8859



24.7229, 17.4571, 2.0665

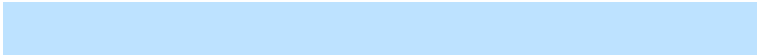


2.5138, 1.9129, 0.2367

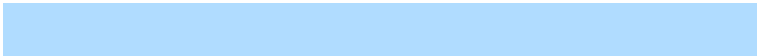


# Inverse Universe

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



66.2318, 72.4293, 105.0972



61.6046, 67.7670, 104.4412



58.1956, 56.3568, 102.4185



17.8477, 19.0670, 22.9896



14.7101, 14.3299, 51.4252

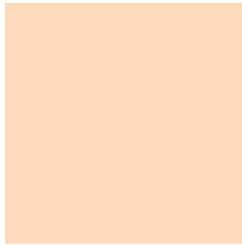


1.5412, 1.6130, 5.0434



# Previews

## White Background



This preview shows how the XYZ color 75.4967, 75.0769, 58.6563 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

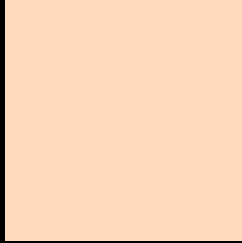
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the XYZ color 75.4967, 75.0769, 58.6563 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 75.4967, 75.0769, 58.6563**

## **Background**



This preview shows how black text looks on a background with the XYZ color 75.4967, 75.0769, 58.6563.



This preview shows how white text looks on a background with the XYZ color 75.4967, 75.0769,



# 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

75.4967, 75.0769, 58.6563

### Protanopia

70.7622, 74.9499, 60.6064

### Deuteranopia

76.0490, 75.2978, 61.5647



## Tritanopia

79.2902, 74.9546, 83.6874

# Trichromacy



**Original Color**

75.4967, 75.0769, 58.6563

**Protanomaly**

72.4874, 75.0588, 59.9575

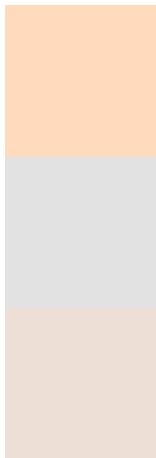
**Deuteranomaly**

75.8258, 75.2086, 60.3894

**Tritanomaly**

77.6780, 74.7159, 73.9459

# Monochromacy



**Original Color**

75.4967, 75.0769, 58.6563

**Achromatopsia**

72.2879, 76.0525, 82.8211

**Achromatomaly**

73.3230, 75.5840, 73.6754

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 75.4967, 75.0769, 58.6563 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, 218, 189)` looks like.

```
.text, #text, p{  
    color:rgb(255, 218, 189)  
}
```

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, 218, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 218, 189) }
```

## Border

The CSS property to change the border of an element to XYZ 75.4967, 75.0769, 58.6563 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, 218, 189) }
```



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

```
.border{ border-color:rgb(255, 218, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 218, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 218, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 218, 189);  
box-shadow:4px 4px 4px 4px rgb(255, 218,  
189) }
```

# Background

The CSS property to change the background color of an element to XYZ 75.4967, 75.0769, 58.6563 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 218, 189) }
```

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

```
.background{ background-color: rgb(255,  
218, 189) }
```

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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