

# Converting Colors

XYZ(61.9768, 57.0209, 38.7500)

Have a look what the booklet for  
XYZ(61.9768, 57.0209, 38.7500)  
contains.

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# Color

**XYZ(61.9768, 57.0209,  
38.7500)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F8B99B
RGB	248, 185, 155
RGB Percent	97%, 73%, 61%
CMY	0.0275, 0.2745, 0.3922
CMYK	0.00, 0.25, 0.37, 0.03
HSL	19°, 87%, 79%
HSV	19°, 37%, 97%
XYZ	61.9768, 57.0209, 38.7500
YIQ	200.4170, 47.1780, 4.0260

# Conversions

## Conversions Part 2

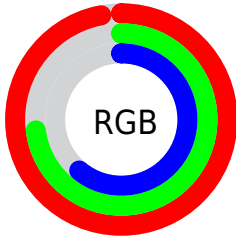
Format	Color
R <sub>Y</sub> B	248, 199, 155
Decimal	16300443
CIE Lab	80.19, 18.96, 24.12
CIE LCh	80, 30.676, 51.825
Yxy	57.0209, 0.3929, 0.3615
Android (android.graphics.Color)	4294490523 (0xFFFF8B99B)
YUV	200.4170, -22.3906, 41.7303
Hunter-Lab	75.5122, 14.3580, 22.4331

# Details

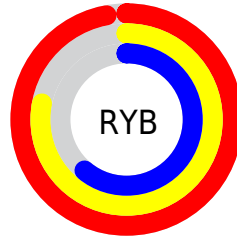
The XYZ color **61.9768, 57.0209, 38.7500** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **55.5315, 63.8866, 98.2116**, and the grayscale version is **55.2715, 58.1499, 63.3253**.

A 20% lighter version of the original color is **84.3282, 88.8237, 73.6729**, and **31.9852, 28.4492, 16.9021** is the 20% darker color. If you saturate the color by 10%, you get **56.7953, 49.6556, 27.7812**, and if you desaturate by 10%, it is **68.0043, 65.3932, 52.1121**.

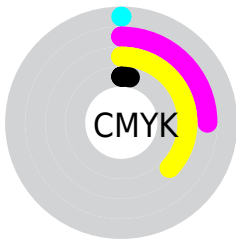
# Distribution



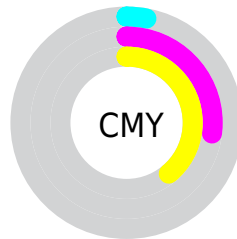
- Red (97%)
- Green (73%)
- Blue (61%)



- Red (97%)
- Yellow (78%)
- Blue (61%)



- Cyan (0%)
- Magenta (25%)
- Yellow (37%)
- Black (3%)



- Cyan (3%)
- Magenta (27%)
- Yellow (39%)


# Brightness & Saturation Gradients

These gradients show how the XYZ color 61.9768, 57.0209, 38.7500 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 61.9768, 57.0209, 38.7500 by changing the saturation by 10% instead.





 61.9768, 57.0209,  
38.7500


 61.9768, 57.0209,  
38.7500


421.5654,  
413.5276, 356.2206

 45.2695, 41.0220,  
26.2590


 106.7821,  
100.4957, 74.4724

 31.8719, 28.3363,  
16.7900


 135.6108,  
128.7404, 98.5408

 21.4188, 18.5793,  
9.9245


169.2107,  
161.8358, 127.3054

 13.5446, 11.3667,  
5.2440

207.9472,  
200.1663, 161.1848

 7.8842, 6.3140,  
2.3299

252.1855,  
244.1164, 200.5975

 4.0721, 3.0370,  
0.7479

302.2911,

 1.7430, 1.1511,

294.0704, 245.9620

0.0000

358.6292,  
350.4126, 297.6968

0.4830, 0.0212,  
0.0000

0.0000, 0.0000,  
0.0000

61.9768, 57.0209,  
38.7500

61.9768, 57.0209,  
38.7500

56.7953, 49.6556,  
27.7812

68.0043, 65.3932,  
52.1121

52.4145, 43.2497,  
19.0586

74.9111, 74.8015,  
67.9958

48.7914, 37.7640,  
12.4241

82.7341, 85.2834,  
86.5240

45.8767, 33.1526,  
7.6971

91.5067, 96.8723,  
107.8107

■ 43.6137, 29.3653,  
4.6658

■ 92.5215, 98.6965,  
108.7817

■ 41.9324, 26.3440,  
3.0529

■ 41.5811, 25.6958,  
2.7682

# Harmonies

## Analogous

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



66.1484, 57.0209, 50.1384



61.9768, 57.0209, 38.7500



55.9252, 57.0209, 33.8471

# Triad

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



61.9768, 57.0209, 38.7500



43.1402, 57.0209, 57.3150



58.7931, 57.0209, 99.8741

# Complementary

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



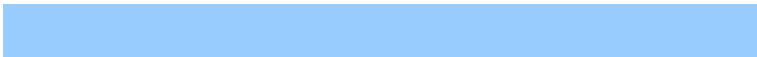
61.9768, 57.0209, 38.7500



55.5315, 63.8866, 98.2116

# 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.



52.5041, 57.0209, 102.8121



61.9768, 57.0209, 38.7500



43.7789, 57.0209, 75.7952

# Square

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



61.9768, 57.0209, 38.7500



45.2793, 57.0209, 43.1344



47.0965, 57.0209, 93.2984



64.2141, 57.0209, 85.9063



# Rectangle

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



61.9768, 57.0209, 38.7500



51.7687, 57.0209, 34.1021



47.0965, 57.0209, 93.2984



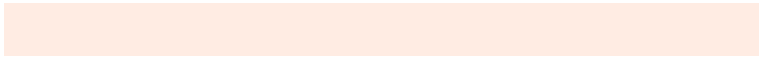
56.6994, 57.0209, 102.2796

# Sweetspot

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



61.9783, 57.0236, 38.7511



85.0936, 86.7941, 84.9049



63.1602, 48.4906, 72.7388



17.9690, 18.2503, 17.5929



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.



61.9783, 57.0236, 38.7511



61.7681, 54.7128, 32.2128



73.1901, 79.4472, 42.4884



17.7018, 18.1394, 18.0307



22.5743, 14.1053, 1.5328



2.1825, 1.4898, 0.1725

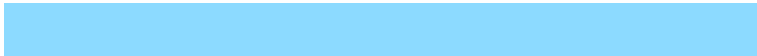


# Inverse Universe

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



55.5315, 63.8866, 98.2116



53.9730, 62.9485, 103.9133



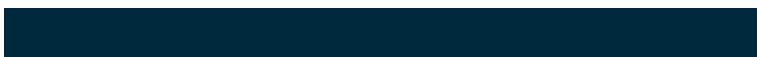
45.2235, 43.2707, 94.7756



17.2661, 18.6090, 22.0672



16.8483, 19.0523, 50.7630



1.6565, 1.9566, 4.7335



# Previews

## White Background



This preview shows how the XYZ color 61.9768, 57.0209, 38.7500 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 61.9768, 57.0209, 38.7500 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

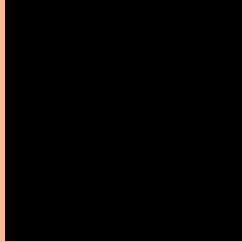
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# XYZ 61.9768, 57.0209, 38.7500

## Background



This preview shows how black text looks on a background with the XYZ color 61.9768, 57.0209, 38.7500.



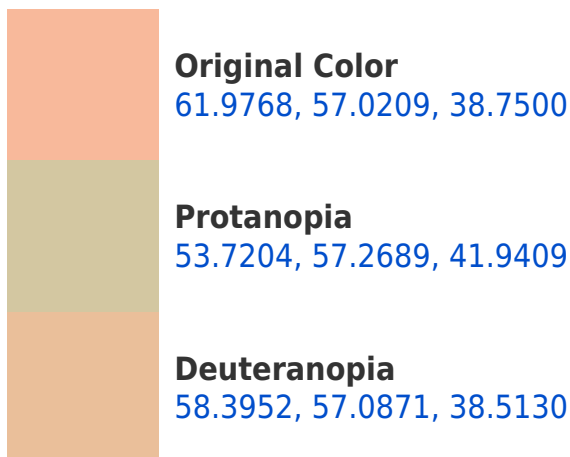
This preview shows how white text looks on a background with the XYZ color 61.9768, 57.0209,

38.7500.

# 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





## Tritanopia

66.0918, 57.1882, 58.0071

# Trichromacy



## Original Color

61.9768, 57.0209, 38.7500

## Protanomaly

56.2903, 56.9341, 40.8234

## Deuteranomaly

59.6269, 57.0790, 38.4465

## Tritanomaly

64.6483, 57.2198, 50.2850

# Monochromacy



## Original Color

61.9768, 57.0209, 38.7500

## Achromatopsia

54.8990, 57.7580, 62.8985

## Achromatomaly

56.7821, 57.2426, 53.4036

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 61.9768, 57.0209, 38.7500 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(248, 185, 155)` looks like.

```
.text, #text, p{  
    color:rgb(248, 185, 155)  
}
```

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(248, 185, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 185, 155) }
```

## Border

The CSS property to change the border of an element to XYZ 61.9768, 57.0209, 38.7500 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(248, 185, 155) }
```



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

```
.border{ border-color:rgb(248, 185, 155) }
```

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

Here you see how a box with a 4 pixel rgb(248, 185, 155) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 185, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 185, 155);  
box-shadow:4px 4px 4px 4px rgb(248, 185,  
155) }
```

# Background

The CSS property to change the background color of an element to XYZ 61.9768, 57.0209, 38.7500 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 185, 155) }
```

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

```
.background{ background-color: rgb(248,  
185, 155) }
```

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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