

Converting Colors

XYZ(67.9135, 58.3839, 60.8350)

Have a look what the booklet for
XYZ(67.9135, 58.3839, 60.8350)
contains.

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Color

**XYZ(67.9569, 58.3850,
61.1138)**

Conversions

Conversions Part 1

Format	Color
Hex	FFB5C6
RGB	255, 181, 198
RGB Percent	100%, 71%, 78%
CMY	0.0000, 0.2902, 0.2235
CMYK	0.00, 0.29, 0.22, 0.00
HSL	346°, 100%, 85%
HSV	346°, 29%, 100%
XYZ	67.9569, 58.3850, 61.1138
YIQ	205.0640, 38.6470, 20.9750

Conversions

Conversions Part 2

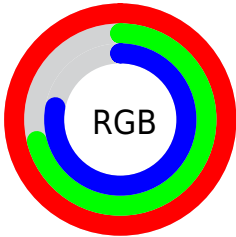
Format	Color
R_{YB}	255, 181, 198
Decimal	16758214
CIE _{Lab}	80.95, 29.20, 2.18
CIE _{LCh}	81, 29.280, 4.274
Yxy	58.3850, 0.3625, 0.3115
Android (android.graphics.Color)	4294948294 (0xFFFFB5C6)
YUV	205.0640, -3.4826, 43.7939
Hunter-Lab	76.4101, 25.0351, 6.0661

Details

The XYZ color **67.9569, 58.3850, 61.1138** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **70.2509, 87.5179, 94.0830**, and the grayscale version is **58.0746, 61.0990, 66.5368**.

A 20% lighter version of the original color is **89.5742, 89.0484, 107.0747**, and **35.6494, 29.0627, 30.1163** is the 20% darker color. If you saturate the color by 10%, you get **61.1177, 48.1004, 48.3713**, and if you desaturate by 10%, it is **76.0418, 70.6902, 75.7227**.

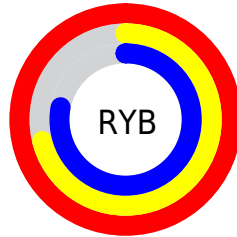
Distribution



Red (100%)

Green (71%)

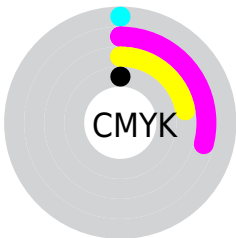
Blue (78%)



Red (100%)

Yellow (71%)

Blue (78%)

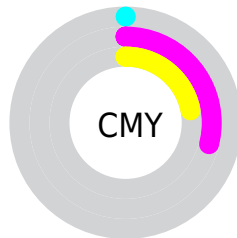


Cyan (0%)

Magenta (29%)

Yellow (22%)

Black (0%)



Cyan (0%)

Magenta (29%)

Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 67.9569, 58.3850, 61.1138 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 67.9569, 58.3850, 61.1138 by changing the saturation by 10% instead.


 67.9569, 58.3850,
61.1138

 67.9569, 58.3850,
61.1138


442.7224,
418.6190, 446.6092

 50.1362, 42.1182,
43.8859


 115.3327,
102.4833, 108.0028

 35.7399, 29.1939,
30.2443


145.6186,
131.0836, 138.5010

 24.4026, 19.2275,
19.7704


180.7902,
164.5639, 174.2597

 15.7589, 11.8348,
12.0459

221.2130,
203.3086, 215.6973

 9.4434, 6.6313,
6.6520

267.2522,
247.7021, 263.2326

 5.0909, 3.2326,
3.1703

319.2733,

 2.3360, 1.2543,

298.1287, 317.2840

1.1822

377.6416,
354.9729, 378.2700

■ 0.8130, 0.1054,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 67.9569, 58.3850,
61.1138

■ 67.9569, 58.3850,
61.1138

■ 61.1177, 48.1004,
48.3713

■ 76.0418, 70.6902,
75.7227

■ 55.4568, 39.7203,
37.4152

■ 85.4266, 85.1081,
92.2663

■ 50.9069, 33.1291,
28.1650

95.0500, 100.0000,
108.9000

■ 47.3920, 28.1951,
20.5324

■ 44.8262, 24.7686,
14.4204

■ 43.1086, 22.6721,
9.7211

■ 42.0961, 21.6460,
6.3038

■ 42.0183, 21.5713,
6.0283

Harmonies

Analogous

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



66.6788, 58.3850, 79.2021



67.9569, 58.3850, 61.1138



65.7010, 58.3850, 46.5532

Triad

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



67.9569, 58.3850, 61.1138



49.1800, 58.3850, 39.7691



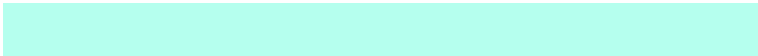
50.5825, 58.3850, 98.6653

Complementary

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



67.9569, 58.3850, 61.1138



70.2509, 87.5179, 94.0830

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.



46.4016, 58.3850, 84.3011



67.9569, 58.3850, 61.1138



45.6342, 58.3850, 50.1456

Square

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



67.9569, 58.3850, 61.1138



54.6283, 58.3850, 35.7383



44.6550, 58.3850, 66.0939



56.3671, 58.3850, 103.0425

Rectangle

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



67.9569, 58.3850, 61.1138



62.5866, 58.3850, 40.1251



44.6550, 58.3850, 66.0939



48.9571, 58.3850, 94.7306

Sweetspot

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



67.9584, 58.3876, 61.1150



85.4437, 85.1346, 92.2962



69.7461, 58.4016, 102.2044



17.9784, 17.7443, 19.2136



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.



67.9584, 58.3876, 61.1150



63.7202, 51.9974, 53.2713



70.4068, 66.2477, 52.7958



18.1803, 18.0554, 19.5664



22.0020, 11.2901, 3.3952



2.1818, 1.1151, 0.5389

Inverse Universe

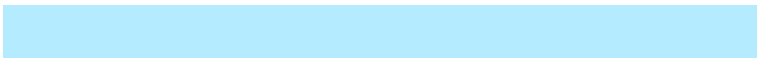
The Inverse Universe completely reimagines the original color for something new.



67.9584, 58.3876, 61.1150



63.7202, 51.9974, 53.2713



66.8928, 76.6150, 105.8703



18.1803, 18.0554, 19.5664



22.0020, 11.2901, 3.3952



2.1818, 1.1151, 0.5389

Previews

White Background



This preview shows how the XYZ color 67.9569, 58.3850, 61.1138 looks on a white background.

Color Contrast Check

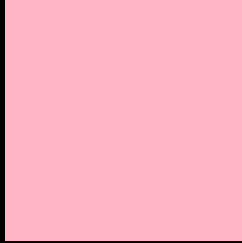
Large Text (above 18pt) WCAG AA × Fail

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 67.9569, 58.3850, 61.1138 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 67.9569, 58.3850, 61.1138

Background



This preview shows how black text looks on a background with the XYZ color 67.9569, 58.3850, 61.1138.

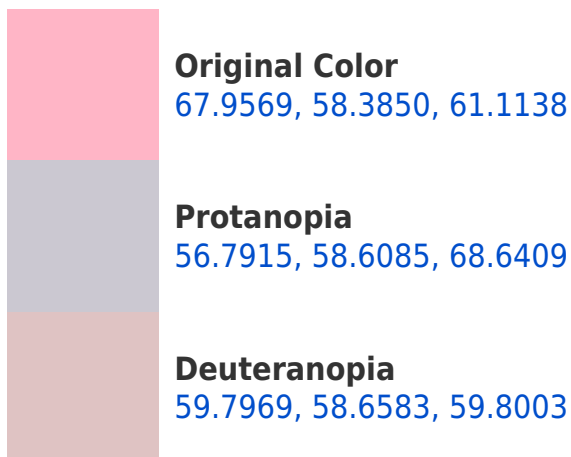


This preview shows how white text looks on a background with the XYZ color 67.9569, 58.3850,

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

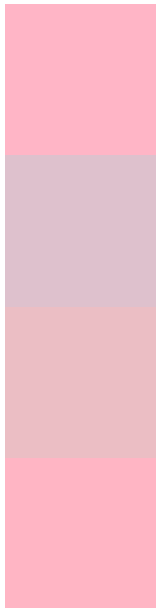




Tritanopia

67.6142, 58.2479, 59.3091

Trichromacy



Original Color

67.9569, 58.3850, 61.1138

Protanomaly

60.2136, 58.0773, 65.7940

Deuteranomaly

62.6382, 58.4746, 60.2099

Tritanomaly

67.7277, 58.2933, 59.9066

Monochromacy



Original Color

67.9569, 58.3850, 61.1138

Achromatopsia

58.0276, 61.0496, 66.4830

Achromatomaly

60.8320, 59.4321, 64.1425

CSS Examples

Text

The CSS property to change the color of the text to XYZ 67.9569, 58.3850, 61.1138 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, 181, 198)` looks like.

```
.text, #text, p{  
    color:rgb(255, 181, 198)  
}
```

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, 181, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 181, 198) }
```

Border

The CSS property to change the border of an element to XYZ 67.9569, 58.3850, 61.1138 is called "border". The border property can be set on classes, ids or directly on the HTML element.

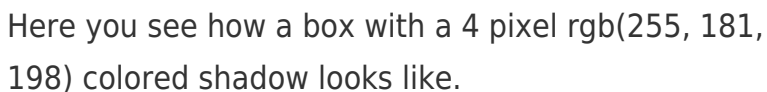
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(255, 181, 198) }
```


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

```
.border{ border-color:rgb(255, 181, 198) }
```

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



Here you see how a box with a 4 pixel `rgb(255, 181, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 181, 198); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 181, 198); box-shadow:4px 4px 4px 4px rgb(255, 181, 198) }
```

Background

The CSS property to change the background color of an element to XYZ 67.9569, 58.3850, 61.1138 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 181, 198) }
```

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

```
.background{ background-color: rgb(255,  
181, 198) }
```

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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