

Converting Colors

XYZ(76.1970, 63.5102, 56.1154)

Have a look what the booklet for
XYZ(76.1970, 63.5102, 56.1154)
contains.

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Color

**XYZ(67.3588, 58.8011,
55.9437)**

Conversions

Conversions Part 1

Format	Color
Hex	FFB7BD
RGB	255, 183, 189
RGB Percent	100%, 72%, 74%
CMY	0.0000, 0.2823, 0.2588
CMYK	0.00, 0.28, 0.26, 0.00
HSL	355°, 100%, 86%
HSV	355°, 28%, 100%
XYZ	67.3588, 58.8011, 55.9437
YIQ	205.2120, 40.9860, 17.1300

Conversions

Conversions Part 2

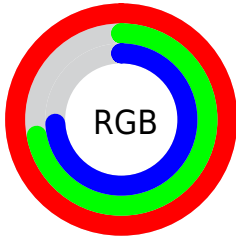
Format	Color
R _Y B	255, 183, 189
Decimal	16758717
CIE Lab	81.18, 26.89, 7.37
CIE LCh	81, 27.884, 15.323
Yxy	58.8011, 0.3699, 0.3229
Android (android.graphics.Color)	4294948797 (0xFFFFB7BD)
YUV	205.2120, -7.9925, 43.6641
Hunter-Lab	76.6819, 22.6045, 10.4220

Details

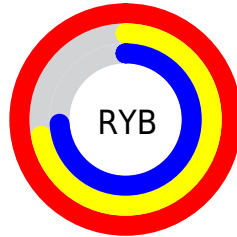
The XYZ color **67.3588, 58.8011, 55.9437** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **72.3896, 88.4279, 102.8796**, and the grayscale version is **58.1956, 61.2263, 66.6754**.

A 20% lighter version of the original color is **88.5879, 89.5856, 99.0089**, and **35.3201, 29.3484, 27.0958** is the 20% darker color. If you saturate the color by 10%, you get **60.2314, 48.2851, 42.0416**, and if you desaturate by 10%, it is **75.8509, 71.3916, 72.3198**.

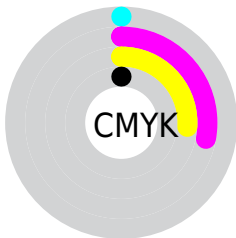
Distribution



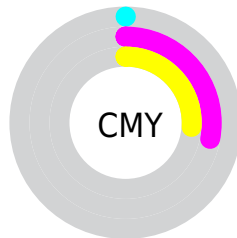
- Red (100%)
- Green (72%)
- Blue (74%)



- Red (100%)
- Yellow (72%)
- Blue (74%)



- Cyan (0%)
- Magenta (28%)
- Yellow (26%)
- Black (0%)





- Cyan (0%)
- Magenta (28%)
- Yellow (26%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 67.3588, 58.8011, 55.9437 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 67.3588, 58.8011, 55.9437 by changing the saturation by 10% instead.


 67.3588, 58.8011,
55.9437

 67.3588, 58.8011,
55.9437

440.6333,
420.1644, 426.8616

 49.6480, 42.4530,
39.7541


 114.4813,
103.0885, 100.4072

 35.3505, 29.4562,
27.0345


144.6238,
131.7967, 129.5182

 24.1007, 19.4262,
17.3665


179.6410,
165.3936, 163.7734

 15.5335, 11.9786,
10.3314

219.8980,
204.2638, 203.5914

 9.2834, 6.7291,
5.5108

265.7605,
248.7916, 249.3907

 4.9851, 3.2933,
2.4860

317.5936,

 2.2732, 1.2867,

299.3613, 301.5898

0.8327

375.7627,
356.3575, 360.6073

■ 0.7809, 0.1309,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 67.3588, 58.8011,
55.9437

■ 67.3588, 58.8011,
55.9437

■ 60.2314, 48.2851,
42.0416

■ 75.8509, 71.3916,
72.3198

■ 54.3933, 39.7247,
30.4898

■ 85.7693, 86.1511,
91.2783

■ 49.7684, 33.0016,
21.1592

95.0500, 100.0000,
108.9000

■ 46.2710, 27.9811,
13.9070

■ 43.8039, 24.5102,
8.5734

■ 42.2534, 22.4084,
4.9755

■ 41.4683, 21.4296,
2.8912

■ 41.3775, 21.3150,
2.6543

Harmonies

Analogous

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



67.3957, 58.8011, 72.4696



67.3588, 58.8011, 55.9437



64.1092, 58.8011, 43.8789

Triad

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



67.3588, 58.8011, 55.9437



48.3221, 58.8011, 44.0771



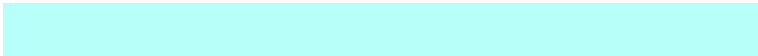
53.1082, 58.8011, 100.1906

Complementary

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



67.3588, 58.8011, 55.9437



72.3896, 88.4279, 102.8796

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.



48.4028, 58.8011, 89.5492



67.3588, 58.8011, 55.9437



45.7722, 58.8011, 56.2622

Square

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



67.3588, 58.8011, 55.9437



52.9909, 58.8011, 37.8796



45.8007, 58.8011, 72.8480



58.8902, 58.8011, 100.0651

Rectangle

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



67.3588, 58.8011, 55.9437



60.6792, 58.8011, 39.1501



45.8007, 58.8011, 72.8480



51.3572, 58.8011, 97.6830

Sweetspot

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



67.3603, 58.8038, 55.9449



86.0177, 86.5214, 91.7513



74.0519, 61.2294, 102.5232



18.0708, 18.0116, 18.9898



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.



67.3603, 58.8038, 55.9449



63.0871, 52.4918, 47.6324



73.5831, 72.2695, 54.8744



18.0708, 18.0116, 18.9898



21.6418, 11.1460, 1.4980



2.1272, 1.0933, 0.2513

Inverse Universe

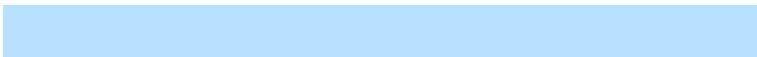
The Inverse Universe completely reimagines the original color for something new.



67.3603, 58.8038, 55.9449



63.0871, 52.4918, 47.6324



64.5059, 71.1399, 104.9393



18.0708, 18.0116, 18.9898



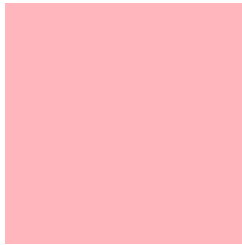
21.6418, 11.1460, 1.4980



2.1272, 1.0933, 0.2513

Previews

White Background



This preview shows how the XYZ color 67.3588, 58.8011, 55.9437 looks on a white background.

Color Contrast Check

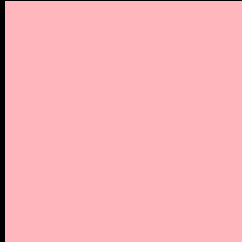
Large Text (above 18pt) WCAG AA × Fail

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 67.3588, 58.8011, 55.9437 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 67.3588, 58.8011, 55.9437

Background



This preview shows how black text looks on a background with the XYZ color 67.3588, 58.8011, 55.9437.



This preview shows how white text looks on a background with the XYZ color 67.3588, 58.8011,

55.9437.

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

67.3588, 58.8011, 55.9437

Protanopia

56.6490, 59.0186, 62.4388

Deuteranopia

60.1633, 58.9490, 55.2210



Tritanopia

67.9318, 58.7014, 59.9747

Trichromacy



Original Color

67.3588, 58.8011, 55.9437

Protanomaly

59.8826, 58.3710, 59.7403

Deuteranomaly

62.6330, 58.8970, 55.6441

Tritanomaly

67.5936, 58.5662, 58.1939

Monochromacy



Original Color

67.3588, 58.8011, 55.9437

Achromatopsia

58.0276, 61.0496, 66.4830

Achromatomaly

60.7065, 59.7440, 62.3650

CSS Examples

Text

The CSS property to change the color of the text to XYZ 67.3588, 58.8011, 55.9437 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, 183, 189)` looks like.

```
.text, #text, p{  
    color:rgb(255, 183, 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, 183, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 183, 189) }
```

Border

The CSS property to change the border of an element to XYZ 67.3588, 58.8011, 55.9437 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, 183, 189) }
```


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

```
.border{ border-color:rgb(255, 183, 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, 183, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 183, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 183, 189);  
box-shadow:4px 4px 4px 4px rgb(255, 183,  
189) }
```

Background

The CSS property to change the background color of an element to XYZ 67.3588, 58.8011, 55.9437 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 183, 189) }
```

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

```
.background{ background-color: rgb(255,  
183, 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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