

Converting Colors

XYZ(88.0846, 68.9946, 59.2491)

Have a look what the booklet for
XYZ(88.0846, 68.9946, 59.2491)
contains.

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Color

**XYZ(67.5936, 58.5662,
58.1939)**

Conversions

Conversions Part 1

Format	Color
Hex	FFB6C1
RGB	255, 182, 193
RGB Percent	100%, 71%, 76%
CMY	0.0000, 0.2862, 0.2431
CMYK	0.00, 0.29, 0.24, 0.00
HSL	351°, 100%, 86%
HSV	351°, 29%, 100%
XYZ	67.5936, 58.5662, 58.1939
YIQ	205.0810, 39.9770, 18.8970

Conversions

Conversions Part 2

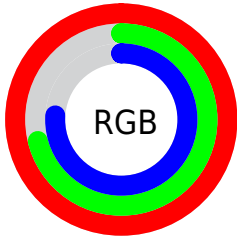
Format	Color
R _Y B	255, 182, 193
Decimal	16758465
CIE Lab	81.05, 27.97, 5.03
CIE LCh	81, 28.417, 10.186
Yxy	58.5662, 0.3667, 0.3177
Android (android.graphics.Color)	4294948545 (0xFFFFB6C1)
YUV	205.0810, -5.9559, 43.7790
Hunter-Lab	76.5286, 23.7346, 8.4846

Details

The XYZ color **67.5936, 58.5662, 58.1939** is a light color, and the websafe version is hex **FFCCCC**, and the color name is **lightpink**. A complement of this color would be **71.3829, 87.9978, 98.8151**, and the grayscale version is **58.1001, 61.1258, 66.5660**.

A 20% lighter version of the original color is **88.9134, 89.2486, 102.1630**, and **35.4788, 29.2021, 28.5776** is the 20% darker color. If you saturate the color by 10%, you get **60.5970, 48.1606, 44.8014**, and if you desaturate by 10%, it is **75.8978, 71.0203, 73.7694**.

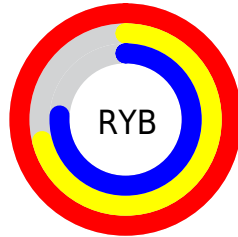
Distribution



Red (100%)

Green (71%)

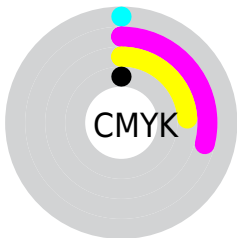
Blue (76%)



Red (100%)

Yellow (71%)

Blue (76%)

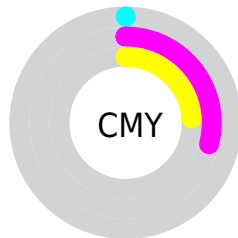


Cyan (0%)

Magenta (29%)

Yellow (24%)

Black (0%)



Cyan (0%)


Magenta (29%)


Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 67.5936, 58.5662, 58.1939 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 67.5936, 58.5662, 58.1939 by changing the saturation by 10% instead.

 67.5936, 58.5662,
58.1939

 67.5936, 58.5662,
58.1939


441.4541,
419.2924, 435.5265

 49.8396, 42.2640,
41.5488


 114.8157,
102.7469, 103.7227

 35.5033, 29.3081,
28.4252


145.0145,
131.3942, 133.4436

 24.2191, 19.3140,
18.4046


180.0924,
164.9254, 168.3601

 15.6219, 11.8974,
11.0684

220.4146,
203.7248, 208.8908

 9.3461, 6.6738,
5.9981

266.3465,
248.1768, 255.4542

 5.0265, 3.2590,
2.7752

318.2535,

 2.2978, 1.2684,


298.6658, 308.4690


0.9810


376.5009,
355.5762, 368.3535


 0.7935, 0.1165,
0.0000


 0.0000, 0.0000,
0.0000

 67.5936, 58.5662,
58.1939


 67.5936, 58.5662,
58.1939

 60.5970, 48.1606,
44.8014


 75.8978, 71.0203,
73.7694

 54.8367, 39.6862,
33.4906

 85.5675, 85.6162,
91.6160

 50.2412, 33.0258,
24.1570

95.0500, 100.0000,
108.9000

 46.7297, 28.0465,
16.6860

■ 44.2109, 24.5969,
10.9508

■ 42.5780, 22.4985,
6.8081

■ 41.6851, 21.4989,
4.0862

■ 41.5965, 21.4026,
3.8073

Harmonies

Analogous

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



67.0343, 58.5662, 75.4268



67.5936, 58.5662, 58.1939



64.7891, 58.5662, 45.0182

Triad

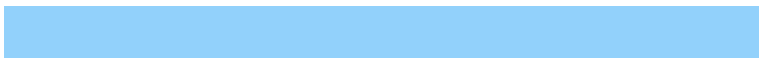
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



67.5936, 58.5662, 58.1939



48.6616, 58.5662, 42.0301



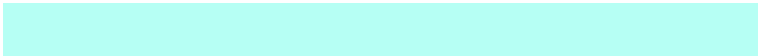
51.9081, 58.5662, 99.4768

Complementary

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



67.5936, 58.5662, 58.1939



71.3829, 87.9978, 98.8151

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.



47.4412, 58.5662, 87.1136



67.5936, 58.5662, 58.1939



45.6606, 58.5662, 53.3782

Square

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



67.5936, 58.5662, 58.1939



53.6832, 58.5662, 36.8396



45.2302, 58.5662, 69.6885



57.6958, 58.5662, 101.3870

Rectangle

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



67.5936, 58.5662, 58.1939



61.4980, 58.5662, 39.5299



45.2302, 58.5662, 69.6885



50.2138, 58.5662, 96.3142

Sweetspot

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



67.5951, 58.5689, 58.1951



85.1794, 85.0289, 90.9045



71.6843, 59.7038, 102.3536



17.9138, 17.7184, 18.8733



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.



67.5951, 58.5689, 58.1951



63.6755, 52.7271, 50.7309



71.8368, 68.9430, 53.7806



18.1209, 18.0317, 19.2536



21.7682, 11.1966, 2.1638



2.1507, 1.1027, 0.3752

Inverse Universe

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



67.5951, 58.5689, 58.1951



63.6755, 52.7271, 50.7309



65.8262, 74.1325, 105.4473



18.1209, 18.0317, 19.2536



21.7682, 11.1966, 2.1638



2.1507, 1.1027, 0.3752

Previews

White Background



This preview shows how the XYZ color 67.5936, 58.5662, 58.1939 looks on a white background.

Color Contrast Check

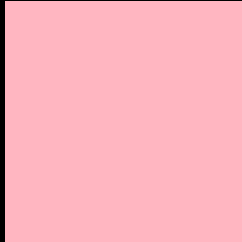
Large Text (above 18pt) WCAG AA × Fail

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 67.5936, 58.5662, 58.1939 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 67.5936, 58.5662, 58.1939

Background



This preview shows how black text looks on a background with the XYZ color 67.5936, 58.5662, 58.1939.



This preview shows how white text looks on a background with the XYZ color 67.5936, 58.5662,

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

67.5936, 58.5662, 58.1939

Protanopia

56.9626, 59.1121, 65.5343

Deuteranopia

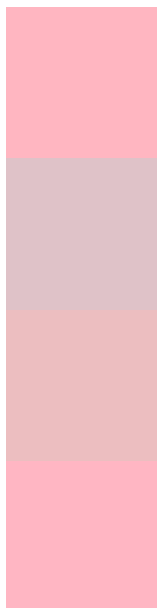
59.9704, 58.7994, 57.4788



Tritanopia

67.9318, 58.7014, 59.9747

Trichromacy



Original Color

67.5936, 58.5662, 58.1939

Protanomaly

60.1485, 58.4417, 62.7538

Deuteranomaly

62.5200, 58.4655, 57.8590

Tritanomaly

67.8183, 58.6560, 59.3771

Monochromacy



Original Color

67.5936, 58.5662, 58.1939

Achromatopsia

58.0276, 61.0496, 66.4830

Achromatomaly

60.9403, 59.8375, 63.5962

CSS Examples

Text

The CSS property to change the color of the text to XYZ 67.5936, 58.5662, 58.1939 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, 182, 193) looks like.

```
.text, #text, p{  
    color:rgb(255, 182, 193)  
}
```

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, 182, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 182, 193) }
```

Border

The CSS property to change the border of an element to XYZ 67.5936, 58.5662, 58.1939 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, 182, 193) }
```


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

```
.border{ border-color:rgb(255, 182, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 182, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 182, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 182, 193);  
box-shadow:4px 4px 4px 4px rgb(255, 182,  
193) }
```

Background

The CSS property to change the background color of an element to XYZ 67.5936, 58.5662, 58.1939 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 182, 193) }
```

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

```
.background{ background-color: rgb(255,  
182, 193) }
```

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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