

Converting Colors

XYZ(68.8253, 57.9262, 68.1716)

Have a look what the booklet for
XYZ(68.8253, 57.9262, 68.1716)
contains.

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Color

**XYZ(68.8687, 58.1036,
67.9069)**

Conversions

Conversions Part 1

Format	Color
Hex	FFB3D1
RGB	255, 179, 209
RGB Percent	100%, 70%, 82%
CMY	0.0000, 0.2980, 0.1804
CMYK	0.00, 0.30, 0.18, 0.00
HSL	336°, 100%, 85%
HSV	336°, 30%, 100%
XYZ	68.8687, 58.1036, 67.9069
YIQ	205.1440, 35.6660, 25.4420

Conversions

Conversions Part 2

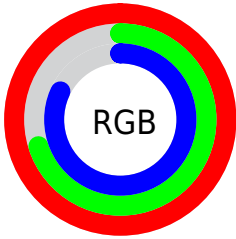
Format	Color
R _Y B	255, 179, 209
Decimal	16757713
CIE Lab	80.80, 31.86, -3.99
CIE LCh	81, 32.110, 352.870
Yxy	58.1036, 0.3534, 0.2982
Android (android.graphics.Color)	4294947793 (0xFFFFB3D1)
YUV	205.1440, 1.9010, 43.7237
Hunter-Lab	76.2257, 27.8769, 0.5386

Details

The XYZ color **68.8687, 58.1036, 67.9069** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **67.9431, 86.5409, 84.3608**, and the grayscale version is **58.0936, 61.1190, 66.5585**.

A 20% lighter version of the original color is **88.9983, 87.8967, 106.8828**, and **36.2760, 28.9041, 34.6774** is the 20% darker color. If you saturate the color by 10%, you get **62.4032, 48.0841, 56.7759**, and if you desaturate by 10%, it is **76.4671, 70.0922, 80.3305**.

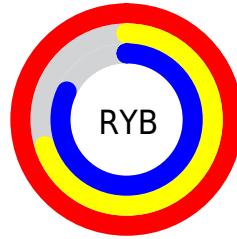
Distribution



Red (100%)

Green (70%)

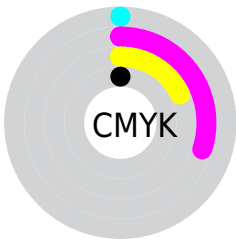
Blue (82%)



Red (100%)

Yellow (70%)

Blue (82%)

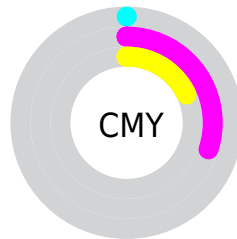


Cyan (0%)

Magenta (30%)

Yellow (18%)

Black (0%)



Cyan (0%)


Magenta (30%)


Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 68.8687, 58.1036, 67.9069 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 68.8687, 58.1036, 67.9069 by changing the saturation by 10% instead.


 68.8687, 58.1036,
67.9069

 68.8687, 58.1036,
67.9069


445.8964,
417.5719, 471.7552

 50.8810, 41.8919,
49.3558


 116.6291,
102.0737, 117.8719

 36.3346, 29.0167,
34.5342


147.1326,
130.6010, 150.1229

 24.8640, 19.0934,
23.0236


182.5387,
164.0022, 187.7775

 16.1040, 11.7378,
14.4055

223.2128,
202.6618, 231.2544

 9.6891, 6.5654,
8.2613

269.5203,
246.9642, 280.9721

 5.2540, 3.1918,
4.1724

321.8265,

 2.4333, 1.2327,

297.2937, 337.3491

1.7204

380.4967,
354.0348, 400.8039

■ 0.8618, 0.0882,
0.3747

■ 0.0000, 0.0000,
0.0000

■ 68.8687, 58.1036,
67.9069

■ 68.8687, 58.1036,
67.9069

■ 62.4032, 48.0841,
56.7759

■ 76.4671, 70.0922,
80.3305

■ 57.0090, 39.9195,
46.8890

■ 85.2476, 84.1406,
94.0856

■ 52.6249, 33.4960,
38.1994

95.0500, 100.0000,
108.9000

■ 49.1813, 28.6834,
30.6555

■ 46.5990, 25.3333,
24.2011

■ 44.7847, 23.2691,
18.7734

■ 43.5923, 22.2097,
14.2898

■ 43.5718, 22.1927,
14.2091

Harmonies

Analogous

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



66.0280, 58.1036, 87.9671



68.8687, 58.1036, 67.9069



67.8270, 58.1036, 50.1078

Triad

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



68.8687, 58.1036, 67.9069



50.4171, 58.1036, 35.2306



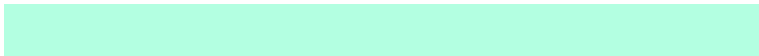
47.8810, 58.1036, 97.0732

Complementary

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



68.8687, 58.1036, 67.9069



67.9431, 86.5409, 84.3608

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.



44.2907, 58.1036, 78.5445



68.8687, 58.1036, 67.9069



45.6710, 58.1036, 43.6829

Square

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



68.8687, 58.1036, 67.9069



56.8236, 58.1036, 33.5076



43.5152, 58.1036, 58.8395



53.6581, 58.1036, 106.8579

Rectangle

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



68.8687, 58.1036, 67.9069



65.1079, 58.1036, 41.5312



43.5152, 58.1036, 58.8395



46.3978, 58.1036, 91.5027

Sweetspot

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



68.8701, 58.1061, 67.9081



86.0041, 85.3587, 95.2470



65.0988, 55.4064, 101.8712



18.1157, 17.7992, 19.9369



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.



68.8701, 58.1061, 67.9081



64.7320, 51.6692, 60.8586



67.0640, 59.8884, 50.6760



18.3063, 18.1058, 20.2301



22.8355, 11.6235, 7.7843



2.2754, 1.1525, 1.0314

Inverse Universe

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



68.8701, 58.1061, 67.9081



64.7320, 51.6692, 60.8586



70.0252, 83.5712, 107.0479



18.3063, 18.1058, 20.2301



22.8355, 11.6235, 7.7843



2.2754, 1.1525, 1.0314

Previews

White Background



This preview shows how the XYZ color 68.8687, 58.1036, 67.9069 looks on a white background.

Color Contrast Check

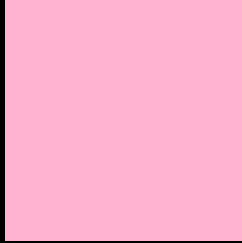
Large Text (above 18pt) WCAG AA × Fail

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 68.8687, 58.1036, 67.9069 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 68.8687, 58.1036, 67.9069

Background



This preview shows how black text looks on a background with the XYZ color 68.8687, 58.1036, 67.9069.



This preview shows how white text looks on a background with the XYZ color 68.8687, 58.1036,

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

68.8687, 58.1036, 67.9069

Protanopia

57.1278, 58.5882, 77.4049

Deuteranopia

59.5691, 58.3919, 66.5236



Tritanopia

66.8822, 57.8705, 59.2748

Trichromacy



Original Color

68.8687, 58.1036, 67.9069

Protanomaly

60.5874, 57.7691, 73.6029

Deuteranomaly

62.4151, 57.8891, 66.9156

Tritanomaly

67.6196, 57.8835, 62.2523

Monochromacy



Original Color

68.8687, 58.1036, 67.9069

Achromatopsia

58.0276, 61.0496, 66.4830

Achromatomaly

61.3119, 59.6241, 66.6696

CSS Examples

Text

The CSS property to change the color of the text to XYZ 68.8687, 58.1036, 67.9069 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, 179, 209)` looks like.

```
.text, #text, p{  
    color:rgb(255, 179, 209)  
}
```

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, 179, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 179, 209) }
```

Border

The CSS property to change the border of an element to XYZ 68.8687, 58.1036, 67.9069 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, 179, 209) }
```


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

```
.border{ border-color:rgb(255, 179, 209) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 179, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 179, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 179, 209);  
box-shadow:4px 4px 4px 4px rgb(255, 179,  
209) }
```

Background

The CSS property to change the background color of an element to XYZ 68.8687, 58.1036, 67.9069 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 179, 209) }
```

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

```
.background{ background-color: rgb(255,  
179, 209) }
```

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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