

Converting Colors

XYZ(69.8224, 58.4108, 73.1581)

Have a look what the booklet for
XYZ(69.8224, 58.4108, 73.1581)
contains.

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Color

**XYZ(69.8845, 58.5100,
73.2559)**

Conversions

Conversions Part 1

Format	Color
Hex	FFB3D9
RGB	255, 179, 217
RGB Percent	100%, 70%, 85%
CMY	0.0000, 0.2980, 0.1490
CMYK	0.00, 0.30, 0.15, 0.00
HSL	330°, 100%, 85%
HSV	330°, 30%, 100%
XYZ	69.8845, 58.5100, 73.2559
YIQ	206.0560, 33.0980, 27.9300

Conversions

Conversions Part 2

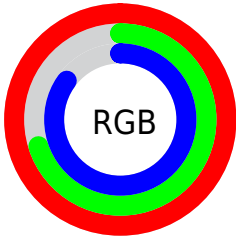
Format	Color
R _Y B	255, 179, 217
Decimal	16757721
CIE Lab	81.02, 33.09, -7.97
CIE LCh	81, 34.035, 346.455
Yxy	58.5100, 0.3466, 0.2902
Android (android.graphics.Color)	4294947801 (0xFFFFB3D9)
YUV	206.0560, 5.3954, 42.9239
Hunter-Lab	76.4918, 29.2205, -3.2375

Details

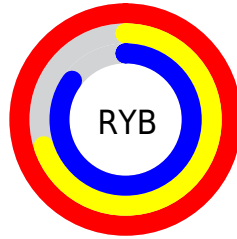
The XYZ color **69.8845, 58.5100, 73.2559** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **66.8769, 86.1145, 78.7461**, and the grayscale version is **58.6551, 61.7098, 67.2019**.

A 20% lighter version of the original color is **88.9983, 87.8967, 106.8828**, and **36.8812, 29.1462, 37.8643** is the 20% darker color. If you saturate the color by 10%, you get **63.6434, 48.5802, 63.3069**, and if you desaturate by 10%, it is **77.2015, 70.3860, 84.1972**.

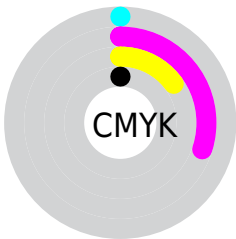
Distribution



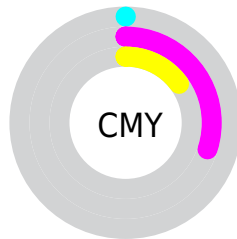
- Red (100%)
- Green (70%)
- Blue (85%)



- Red (100%)
- Yellow (70%)
- Blue (85%)



- Cyan (0%)
- Magenta (30%)
- Yellow (15%)
- Black (0%)



- Cyan (0%)
- Magenta (30%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 69.8845, 58.5100, 73.2559 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 69.8845, 58.5100, 73.2559 by changing the saturation by 10% instead.

69.8845, 58.5100,
73.2559

69.8845, 58.5100,
73.2559

449.4171,
419.0836, 490.9958

51.7116, 42.2188,
53.6921

118.0712,
102.6652, 125.5647

36.9986, 29.2727,
37.9641

148.8157,
131.2979, 159.1468

25.3801, 19.2872,
25.6532

184.4816,
164.8133, 198.2388

16.4907, 11.8780,
16.3409

225.4340,
203.5957, 243.2592

9.9651, 6.6606,
9.6088

272.0384,
248.0296, 294.6266

5.4379, 3.2508,
5.0381

324.6602,

2.5438, 1.2640,

298.4992, 352.7594

2.2105

383.6646,
355.3891, 418.0763

■ 0.9174, 0.1131,
0.6804

■ 0.0000, 0.0000,
0.0000

■ 69.8845, 58.5100,
73.2559

■ 69.8845, 58.5100,
73.2559

■ 63.6434, 48.5802,
63.3069

■ 77.2015, 70.3860,
84.1972

■ 58.4191, 40.4836,
54.3142

■ 85.6412, 84.2982,
96.1580

■ 54.1526, 34.1071,
46.2441

95.0500, 100.0000,
108.9000

■ 50.7771, 29.3217,
39.0591

■ 48.2163, 25.9802,
32.7178

■ 46.3799, 23.9072,
27.1737

■ 45.1251, 22.8228,
22.3616

■ 45.1030, 22.8052,
22.2723

Harmonies

Analogous

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



66.0459, 58.5100, 94.4281



69.8845, 58.5100, 73.2559



69.6769, 58.5100, 53.3149

Triad

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



69.8845, 58.5100, 73.2559



51.8538, 58.5100, 33.2173



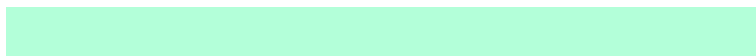
46.7724, 58.5100, 96.2552

Complementary

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



69.8845, 58.5100, 73.2559



66.8769, 86.1145, 78.7461

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.



43.5799, 58.5100, 75.3697



69.8845, 58.5100, 73.2559



46.3393, 58.5100, 40.4972

Square

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



69.8845, 58.5100, 73.2559



58.8531, 58.5100, 32.8873



43.4284, 58.5100, 55.0270



52.4921, 58.5100, 109.4839

Rectangle

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



69.8845, 58.5100, 73.2559



67.2637, 58.5100, 43.2821



43.4284, 58.5100, 55.0270



45.3901, 58.5100, 89.7198

Sweetspot

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



69.8859, 58.5125, 73.2571



86.3677, 85.5042, 97.1617



62.7876, 54.2149, 101.7630



18.2051, 17.8350, 20.4077



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.



69.8859, 58.5125, 73.2571



65.8935, 52.1338, 66.9748



65.4987, 56.7576, 50.1543



18.3882, 18.1386, 20.6612



23.6427, 11.9464, 12.0346



2.3571, 1.1852, 1.4620

Inverse Universe

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



69.8859, 58.5125, 73.2571



65.8935, 52.1338, 66.9748



72.4019, 88.3245, 107.8401



18.3882, 18.1386, 20.6612



23.6427, 11.9464, 12.0346



2.3571, 1.1852, 1.4620

Previews

White Background



This preview shows how the XYZ color 69.8845, 58.5100, 73.2559 looks on a white background.

Color Contrast Check

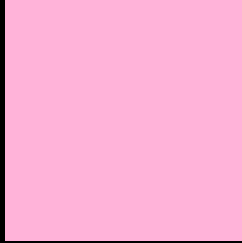
Large Text (above 18pt) WCAG AA × Fail

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 69.8845, 58.5100, 73.2559 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

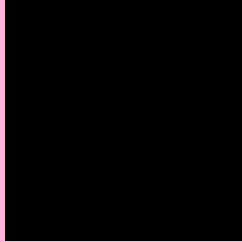
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 69.8845, 58.5100, 73.2559

Background



This preview shows how black text looks on a background with the XYZ color 69.8845, 58.5100, 73.2559.



This preview shows how white text looks on a background with the XYZ color 69.8845, 58.5100,

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

69.8845, 58.5100, 73.2559

Protanopia

57.9632, 58.8920, 83.1752

Deuteranopia

59.9019, 58.7820, 71.8072



Tritanopia

67.5195, 58.7808, 60.6105

Trichromacy



Original Color

69.8845, 58.5100, 73.2559



Protanomaly

61.3537, 58.0409, 79.2035



Deuteranomaly

63.3123, 58.5562, 72.2555



Tritanomaly

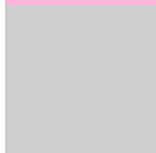
68.5001, 58.8864, 64.8826

Monochromacy



Original Color

69.8845, 58.5100, 73.2559



Achromatopsia

58.6655, 61.7207, 67.2138



Achromatomaly

62.1133, 59.9803, 69.2764

CSS Examples

Text

The CSS property to change the color of the text to XYZ 69.8845, 58.5100, 73.2559 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, 217)` looks like.

```
.text, #text, p{  
    color:rgb(255, 179, 217)  
}
```

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, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 179, 217) }
```

Border

The CSS property to change the border of an element to XYZ 69.8845, 58.5100, 73.2559 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, 217) }
```


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

```
.border{ border-color:rgb(255, 179, 217) }
```

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, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 179, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 179, 217);  
box-shadow:4px 4px 4px 4px rgb(255, 179,  
217) }
```

Background

The CSS property to change the background color of an element to XYZ 69.8845, 58.5100, 73.2559 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, 217) }
```

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

```
.background{ background-color: rgb(255,  
179, 217) }
```

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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