

Converting Colors

XYZ(67.4115, 57.8405, 72.2848)

Have a look what the booklet for
XYZ(67.4115, 57.8405, 72.2848)
contains.

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Color

**XYZ(67.6299, 57.9621,
72.5891)**

Conversions

Conversions Part 1

Format	Color
Hex	F8B5D8
RGB	248, 181, 216
RGB Percent	97%, 71%, 85%
CMY	0.0274, 0.2902, 0.1529
CMYK	0.00, 0.27, 0.13, 0.03
HSL	329°, 83%, 84%
HSV	329°, 27%, 97%
XYZ	67.6299, 57.9621, 72.5891
YIQ	205.0230, 28.6970, 25.0890

Conversions

Conversions Part 2

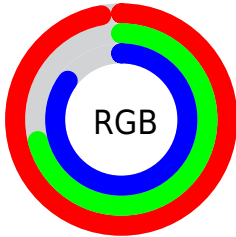
Format	Color
R _Y B	248, 181, 216
Decimal	16299480
CIE Lab	80.72, 29.49, -7.96
CIE LCh	81, 30.548, 344.892
Yxy	57.9621, 0.3413, 0.2925
Android (android.graphics.Color)	4294489560 (0xFFFF8B5D8)
YUV	205.0230, 5.4117, 37.6908
Hunter-Lab	76.1328, 25.3316, -3.2372

Details

The XYZ color **67.6299, 57.9621, 72.5891** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **64.6360, 81.7641, 75.3299**, and the grayscale version is **57.9983, 61.0187, 66.4494**.

A 20% lighter version of the original color is **89.5742, 89.0484, 107.0747**, and **35.5083, 28.8283, 37.4111** is the 20% darker color. If you saturate the color by 10%, you get **61.5525, 48.1698, 63.2782**, and if you desaturate by 10%, it is **74.7186, 69.5988, 82.7831**.

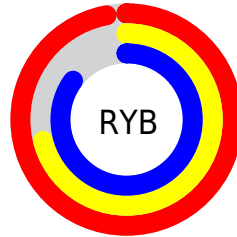
Distribution



Red (97%)

Green (71%)

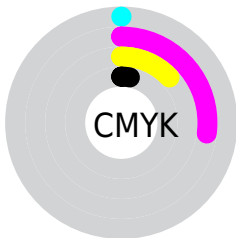
Blue (85%)



Red (97%)

Yellow (71%)

Blue (85%)

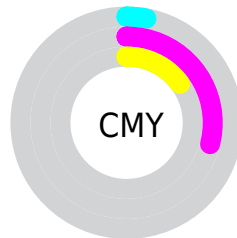


Cyan (0%)

Magenta (27%)

Yellow (13%)

Black (3%)



Cyan (3%)


Magenta (29%)


Yellow (15%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 67.6299, 57.9621, 72.5891 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 67.6299, 57.9621, 72.5891 by changing the saturation by 10% instead.


 67.6299, 57.9621,
72.5891

 67.6299, 57.9621,
72.5891


441.5809,
417.0447, 488.6220

 49.8693, 41.7782,
53.1503


 114.8674,
101.8677, 124.6092

 35.5269, 28.9276,
37.5342


145.0749,
130.3581, 158.0276

 24.2375, 19.0261,
25.3223


180.1621,
163.7195, 196.9428

 15.6355, 11.6891,
16.0962

220.4944,
202.3362, 241.7736

 9.3558, 6.5324,
9.4371

266.4370,
246.5927, 292.9383

 5.0330, 3.1714,
4.9267


318.3554,


 2.3016, 1.2219,


296.8734, 350.8556


2.1463


376.6150,
353.5626, 415.9440


 0.7955, 0.0795,
0.6431


 0.0000, 0.0000,
0.0000


 67.6299, 57.9621,
72.5891


 67.6299, 57.9621,
72.5891


 61.5525, 48.1698,
63.2782


 74.7186, 69.5988,
82.7831


 56.4314, 40.1180,
54.8188

 82.8600, 83.1612,
93.8832

 52.2140, 33.7042,
47.1821

 91.9692, 98.4756,
105.8724

 48.8400, 28.8122,
40.3360

 92.5217, 98.6966,
108.7817

■ 46.2415, 25.3100,
34.2450

■ 44.3390, 23.0428,
28.8697

■ 43.0314, 21.8131,
24.1624

■ 42.7104, 21.5561,
22.8690

Harmonies

Analogous

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



64.0883, 57.9621, 91.0088



67.6299, 57.9621, 72.5891



67.6434, 57.9621, 54.6101

Triad

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



67.6299, 57.9621, 72.5891



52.0370, 57.9621, 35.1759



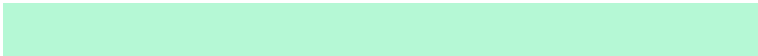
46.9494, 57.9621, 90.8913

Complementary

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



67.6299, 57.9621, 72.5891



64.6360, 81.7641, 75.3299

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.



44.1967, 57.9621, 72.4510



67.6299, 57.9621, 72.5891



46.9783, 57.9621, 41.5905

Square

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



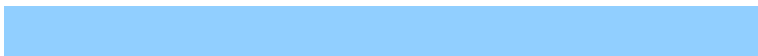
67.6299, 57.9621, 72.5891



58.3083, 57.9621, 35.1988



44.2068, 57.9621, 54.4959



51.9947, 57.9621, 102.8672

Rectangle

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



67.6299, 57.9621, 72.5891



65.6337, 57.9621, 45.2769



44.2068, 57.9621, 54.4959



45.7429, 57.9621, 85.1030

Sweetspot

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



67.6316, 57.9647, 72.5903



87.3545, 87.0561, 98.7907



60.6978, 53.8648, 96.0053



18.4057, 18.1456, 20.7536



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.



67.6316, 57.9647, 72.5903



68.6582, 56.2599, 72.2228



63.8089, 56.4357, 52.4605



17.6233, 17.3767, 19.8722



23.1435, 11.6731, 12.7299



2.1971, 1.1026, 1.4613

Inverse Universe

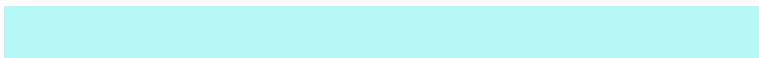
The Inverse Universe completely reimagines the original color for something new.



67.6316, 57.9647, 72.5903



68.6582, 56.2599, 72.2228



69.2240, 83.5993, 99.4896



17.6233, 17.3767, 19.8722



23.1435, 11.6731, 12.7299



2.1971, 1.1026, 1.4613

Previews

White Background



This preview shows how the XYZ color 67.6299, 57.9621, 72.5891 looks on a white background.

Color Contrast Check

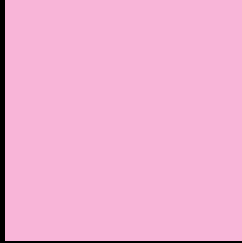
Large Text (above 18pt) WCAG AA × Fail

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 67.6299, 57.9621, 72.5891 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

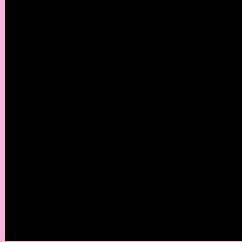
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 67.6299, 57.9621, 72.5891

Background



This preview shows how black text looks on a background with the XYZ color 67.6299, 57.9621, 72.5891.



This preview shows how white text looks on a background with the XYZ color 67.6299, 57.9621,

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

67.6299, 57.9621, 72.5891

Protanopia

57.0535, 58.1287, 80.8860

Deuteranopia

59.2569, 58.1305, 71.0479



Tritanopia

65.3396, 57.9510, 61.1680

Trichromacy



Original Color

67.6299, 57.9621, 72.5891



Protanomaly

60.1933, 57.4741, 77.7331



Deuteranomaly

61.9151, 57.8507, 71.5214



Tritanomaly

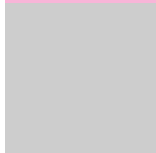
66.3107, 58.0489, 65.4672

Monochromacy



Original Color

67.6299, 57.9621, 72.5891



Achromatopsia

58.0276, 61.0496, 66.4830



Achromatomaly

61.0673, 59.4555, 68.5791

CSS Examples

Text

The CSS property to change the color of the text to XYZ 67.6299, 57.9621, 72.5891 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(248, 181, 216)` looks like.

```
.text, #text, p{  
    color:rgb(248, 181, 216)  
}
```

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(248, 181, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 181, 216) }
```

Border

The CSS property to change the border of an element to XYZ 67.6299, 57.9621, 72.5891 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(248, 181, 216) }
```


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

```
.border{ border-color:rgb(248, 181, 216) }
```

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

Here you see how a box with a 4 pixel `rgb(248, 181, 216)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 181, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 181, 216);  
box-shadow:4px 4px 4px 4px rgb(248, 181,  
216) }
```

Background

The CSS property to change the background color of an element to XYZ 67.6299, 57.9621, 72.5891 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 181, 216) }
```

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

```
.background{ background-color: rgb(248,  
181, 216) }
```

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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