

Converting Colors

XYZ(67.4835, 57.6795, 71.4175)

Have a look what the booklet for
XYZ(67.4835, 57.6795, 71.4175)
contains.

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Color

**XYZ(67.5258, 57.6373,
71.1844)**

Conversions

Conversions Part 1

Format	Color
Hex	F9B4D6
RGB	249, 180, 214
RGB Percent	98%, 71%, 84%
CMY	0.0235, 0.2941, 0.1608
CMYK	0.00, 0.28, 0.14, 0.02
HSL	330°, 85%, 84%
HSV	330°, 28%, 98%
XYZ	67.5258, 57.6373, 71.1844
YIQ	204.5070, 30.2100, 25.2020

Conversions

Conversions Part 2

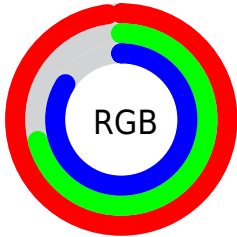
Format	Color
R _Y B	249, 180, 214
Decimal	16364758
CIE Lab	80.54, 30.04, -7.14
CIE LCh	81, 30.880, 346.632
Yxy	57.6373, 0.3439, 0.2935
Android (android.graphics.Color)	4294554838 (0xFFF9B4D6)
YUV	204.5070, 4.6800, 39.0204
Hunter-Lab	75.9192, 25.9068, -2.4488

Details

The XYZ color **67.5258, 57.6373, 71.1844** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **64.9663, 82.3626, 76.7674**, and the grayscale version is **57.6746, 60.6782, 66.0786**.

A 20% lighter version of the original color is **89.2855, 88.4709, 106.9785**, and **35.5856, 28.8884, 36.5013** is the 20% darker color. If you saturate the color by 10%, you get **61.3924, 47.8523, 61.4873**, and if you desaturate by 10%, it is **74.6906, 69.2834, 81.8438**.

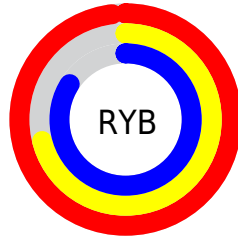
Distribution



Red (98%)

Green (71%)

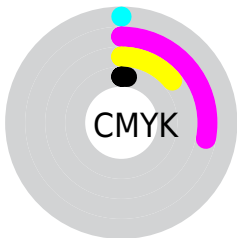
Blue (84%)



Red (98%)

Yellow (71%)

Blue (84%)

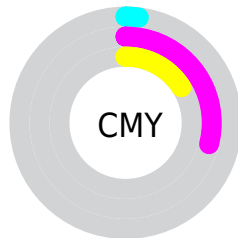


Cyan (0%)

Magenta (28%)

Yellow (14%)

Black (2%)



Cyan (2%)

Magenta (29%)

Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 67.5258, 57.6373, 71.1844 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 67.5258, 57.6373, 71.1844 by changing the saturation by 10% instead.

67.5258, 57.6373,
71.1844

67.5258, 57.6373,
71.1844

441.2172,
415.8331, 483.5988

49.7843, 41.5171,
52.0099

114.7191,
101.3945, 122.5932

35.4591, 28.7234,
36.6307

144.9017,
129.8003, 155.6645

24.1849, 18.8717,
24.6281

179.9620,
163.0701, 194.2053

15.5963, 11.5776,
15.5837

220.2655,
201.5883, 238.6340

9.3280, 6.4567,
9.0789

266.1773,
245.7394, 289.3691

5.0146, 3.1247,
4.6952


318.0630,

2.2907, 1.1972,


295.9075, 346.8293

2.0140


376.2878,
352.4773, 411.4330


 0.7899, 0.0594,
0.5638


 0.0000, 0.0000,
0.0000


 67.5258, 57.6373,
71.1844


 67.5258, 57.6373,
71.1844


 61.3924, 47.8523,
61.4873


 74.6906, 69.2834,
81.8438


 56.2342, 39.8227,
52.7180

 82.9292, 82.8733,
93.4911

 51.9971, 33.4443,
44.8447

 92.2877, 98.4943,
106.1556

 48.6193, 28.5982,
37.8317

 92.8773, 98.8799,
108.7983

■ 46.0309, 25.1499,
31.6402

■ 44.1499, 22.9406,
26.2267

■ 42.8681, 21.7593,
21.5380

■ 42.6229, 21.5622,
20.5519

Harmonies

Analogous

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



64.1357, 57.6373, 89.9281



67.5258, 57.6373, 71.1844



67.3193, 57.6373, 53.2810

Triad

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



67.5258, 57.6373, 71.1844



51.3652, 57.6373, 34.8860



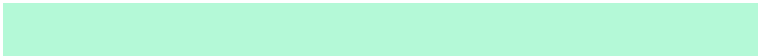
46.8270, 57.6373, 91.7282

Complementary

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



67.5258, 57.6373, 71.1844



64.9663, 82.3626, 76.7674

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.



43.9077, 57.6373, 73.2952



67.5258, 57.6373, 71.1844



46.3860, 57.6373, 41.6977

Square

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



67.5258, 57.6373, 71.1844



57.6510, 57.6373, 34.5390



43.7527, 57.6373, 55.0229



52.0108, 57.6373, 103.2434

Rectangle

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



67.5258, 57.6373, 71.1844



65.1644, 57.6373, 44.1377



43.7527, 57.6373, 55.0229



45.5664, 57.6373, 85.9911

Sweetspot

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



67.5275, 57.6399, 71.1856



87.2622, 87.0192, 98.3047



61.3002, 53.8565, 96.7878



18.3825, 18.1363, 20.6313



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.



67.5275, 57.6399, 71.1856



67.6977, 55.0984, 69.5611



63.6286, 56.0804, 50.6542



17.6011, 17.3678, 19.7553



22.8866, 11.5704, 11.3774



2.1731, 1.0930, 1.3351

Inverse Universe

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



67.5275, 57.6399, 71.1856



67.6977, 55.0984, 69.5611



69.7988, 84.2956, 102.2152



17.6011, 17.3678, 19.7553



22.8866, 11.5704, 11.3774



2.1731, 1.0930, 1.3351

Previews

White Background



This preview shows how the XYZ color 67.5258, 57.6373, 71.1844 looks on a white background.

Color Contrast Check

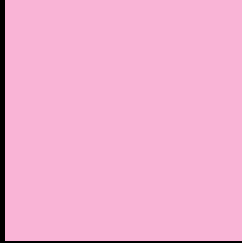
Large Text (above 18pt) WCAG AA × Fail

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 67.5258, 57.6373, 71.1844 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 67.5258, 57.6373, 71.1844

Background



This preview shows how black text looks on a background with the XYZ color 67.5258, 57.6373, 71.1844.



This preview shows how white text looks on a background with the XYZ color 67.5258, 57.6373,

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

67.5258, 57.6373, 71.1844

Protanopia

56.9158, 58.0736, 80.1610

Deuteranopia

59.0740, 57.7338, 69.6582



Tritanopia

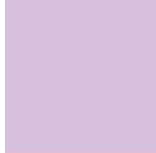
65.3693, 57.6723, 60.5099

Trichromacy



Original Color

67.5258, 57.6373, 71.1844



Protanomaly

60.0588, 57.4203, 77.0250



Deuteranomaly

61.7598, 57.4796, 70.1269



Tritanomaly

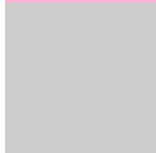
66.2188, 57.7242, 64.1517

Monochromacy



Original Color

67.5258, 57.6373, 71.1844



Achromatopsia

58.0276, 61.0496, 66.4830



Achromatomaly

60.9439, 59.4061, 67.9289

CSS Examples

Text

The CSS property to change the color of the text to XYZ 67.5258, 57.6373, 71.1844 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(249, 180, 214) looks like.

```
.text, #text, p{  
    color:rgb(249, 180, 214)  
}
```

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(249, 180, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 180, 214) }
```

Border

The CSS property to change the border of an element to XYZ 67.5258, 57.6373, 71.1844 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(249, 180, 214) }
```


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

```
.border{ border-color:rgb(249, 180, 214) }
```

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

Here you see how a box with a 4 pixel `rgb(249, 180, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 180, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 180, 214);  
box-shadow:4px 4px 4px 4px rgb(249, 180,  
214) }
```

Background

The CSS property to change the background color of an element to XYZ 67.5258, 57.6373, 71.1844 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 180, 214) }
```

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

```
.background{ background-color: rgb(249,  
180, 214) }
```

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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