

Converting Colors

XYZ(68.0431, 57.8442, 73.9085)

Have a look what the booklet for
XYZ(68.0431, 57.8442, 73.9085)
contains.

- XYZ(68.0431, 57.8442, 73.9085) 3**
- Conversions*** 4
- Details*** 6
- Harmonies*** 12
- Previews*** 24
- Color Blindness Simulation*** 28
- CSS Examples*** 31

Color

**XYZ(68.0431, 57.8442,
73.9085)**

Conversions

Conversions Part 1

Format	Color
Hex	F9B4DA
RGB	249, 180, 218
RGB Percent	98%, 71%, 85%
CMY	0.0235, 0.2941, 0.1451
CMYK	0.00, 0.28, 0.12, 0.02
HSL	327°, 85%, 84%
HSV	327°, 28%, 98%
XYZ	68.0431, 57.8442, 73.9085
YIQ	204.9630, 28.9260, 26.4460

Conversions

Conversions Part 2

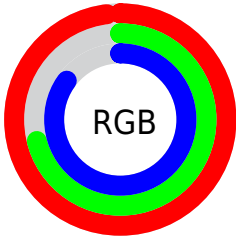
Format	Color
R _Y B	249, 180, 218
Decimal	16364762
CIE Lab	80.65, 30.68, -9.13
CIE LCh	81, 32.011, 343.434
Yxy	57.8442, 0.3406, 0.2895
Android (android.graphics.Color)	4294554842 (0xFFF9B4DA)
YUV	204.9630, 6.4272, 38.6204
Hunter-Lab	76.0554, 26.5985, -4.3776

Details

The XYZ color **68.0431, 57.8442, 73.9085** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **64.4583, 82.1595, 74.0928**, and the grayscale version is **57.9538, 60.9719, 66.3984**.

A 20% lighter version of the original color is **89.2855, 88.4709, 106.9785**, and **35.8099, 28.7725, 38.3166** is the 20% darker color. If you saturate the color by 10%, you get **62.0459, 48.1137, 64.9287**, and if you desaturate by 10%, it is **75.0454, 69.4253, 83.7122**.

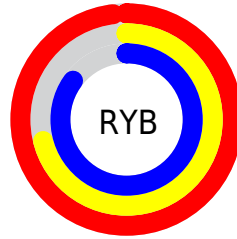
Distribution



Red (98%)

Green (71%)

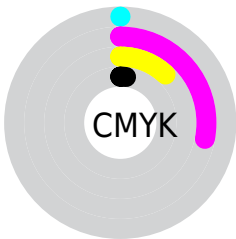
Blue (85%)



Red (98%)

Yellow (71%)

Blue (85%)

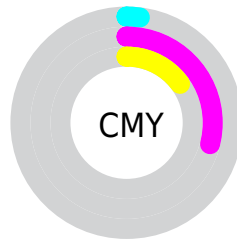


Cyan (0%)

Magenta (28%)

Yellow (12%)

Black (2%)



Cyan (2%)

Magenta (29%)

Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 68.0431, 57.8442, 73.9085 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 68.0431, 57.8442, 73.9085 by changing the saturation by 10% instead.

68.0431, 57.8442,
73.9085

68.0431, 57.8442,
73.9085

443.0230,
416.6051, 493.3125

50.2066, 41.6834,
54.2228

115.4554,
101.6959, 126.4989

35.7961, 28.8535,
38.3854

145.7619,
130.1557, 160.2408

24.4461, 18.9700,
25.9778

180.9557,
163.4839, 199.5051

15.7914, 11.6486,
16.5814

221.4023,
202.0649, 244.7104

9.4666, 6.5049,
9.7777

267.4670,
246.2831, 296.2752

5.1063, 3.1544,
5.1482

319.5151,

2.3451, 1.2129,

296.5230, 354.6182

2.2742

377.9120,
353.1689, 420.1577

■ 0.8176, 0.0722,
0.7167

■ 0.0000, 0.0000,
0.0000

■ 68.0431, 57.8442,
73.9085

■ 68.0431, 57.8442,
73.9085

■ 62.0459, 48.1137,
64.9287

■ 75.0454, 69.4253,
83.7122

■ 56.9986, 40.1285,
56.7429

■ 83.0944, 82.9394,
94.3611

■ 52.8478, 33.7845,
49.3242

■ 92.2354, 98.4733,
105.8799

■ 49.5328, 28.9636,
42.6421

■ 92.8773, 98.8799,
108.7983

■ 46.9848, 25.5314,
36.6633

■ 45.1228, 23.3297,
31.3497

■ 43.8398, 22.1480,
26.6545

■ 43.5916, 21.9496,
25.6527

Harmonies

Analogous

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



64.1607, 57.8442, 93.1869



68.0431, 57.8442, 73.9085



68.2500, 57.8442, 54.9210

Triad

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



68.0431, 57.8442, 73.9085



52.0872, 57.8442, 33.8650



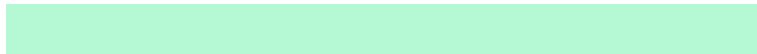
46.2801, 57.8442, 91.3769

Complementary

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



68.0431, 57.8442, 73.9085



64.4583, 82.1595, 74.0928

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.



43.5508, 57.8442, 71.7966



68.0431, 57.8442, 73.9085



46.7182, 57.8442, 40.1313

Square

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



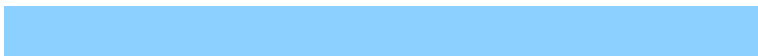
68.0431, 57.8442, 73.9085



58.6724, 57.8442, 34.2057



43.7045, 57.8442, 53.1901



51.4443, 57.8442, 104.5700

Rectangle

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



68.0431, 57.8442, 73.9085



66.2481, 57.8442, 45.0265



43.7045, 57.8442, 53.1901



45.0666, 57.8442, 85.1716

Sweetspot

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



68.0448, 57.8468, 73.9097



87.4430, 87.0915, 99.2570



59.9724, 53.1720, 96.7257



18.4280, 18.1545, 20.8711



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.



68.0448, 57.8468, 73.9097



68.3238, 55.3489, 72.8583



64.1051, 56.2709, 53.1636



17.6446, 17.3852, 19.9844



23.4064, 11.7783, 14.1142



2.2213, 1.1122, 1.5886

Inverse Universe

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



68.0448, 57.8468, 73.9097



68.3238, 55.3489, 72.8583



69.0899, 84.0121, 98.4824



17.6446, 17.3852, 19.9844



23.4064, 11.7783, 14.1142



2.2213, 1.1122, 1.5886

Previews

White Background



This preview shows how the XYZ color 68.0431, 57.8442, 73.9085 looks on a white background.

Color Contrast Check

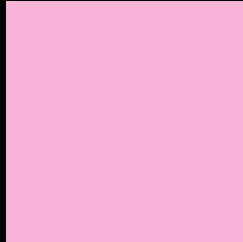
Large Text (above 18pt) WCAG AA × Fail

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 68.0431, 57.8442, 73.9085 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

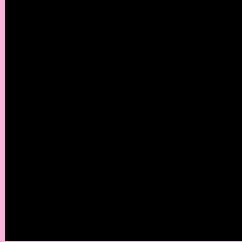
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 68.0431, 57.8442, 73.9085

Background



This preview shows how black text looks on a background with the XYZ color 68.0431, 57.8442, 73.9085.



This preview shows how white text looks on a background with the XYZ color 68.0431, 57.8442,

73.9085.

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

68.0431, 57.8442, 73.9085

Protanopia

57.2120, 58.1621, 83.0739

Deuteranopia

59.2214, 58.0826, 72.3797



Tritanopia

65.6913, 58.1324, 61.1844

Trichromacy



Original Color

68.0431, 57.8442, 73.9085



Protanomaly

60.6014, 57.6373, 79.8826



Deuteranomaly

62.1722, 57.9535, 72.8751



Tritanomaly

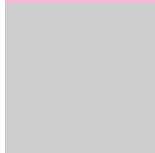
66.6643, 58.2312, 65.4838

Monochromacy



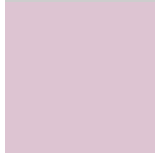
Original Color

68.0431, 57.8442, 73.9085



Achromatopsia

58.0276, 61.0496, 66.4830



Achromatomaly

61.1916, 59.5052, 69.2333

CSS Examples

Text

The CSS property to change the color of the text to XYZ 68.0431, 57.8442, 73.9085 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, 218)` looks like.

```
.text, #text, p{  
    color:rgb(249, 180, 218)  
}
```

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, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 180, 218) }
```

Border

The CSS property to change the border of an element to XYZ 68.0431, 57.8442, 73.9085 is called "border". The border property can be set on classes, ids or directly on the HTML element.

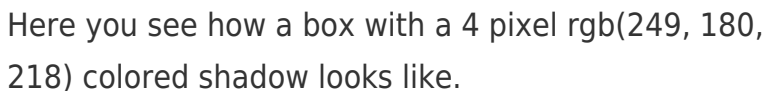
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(249, 180, 218) }
```


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

```
.border{ border-color:rgb(249, 180, 218) }
```

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, 218)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(249, 180, 218); -webkit-box-shadow:4px 4px 4px 4px rgb(249, 180, 218); box-shadow:4px 4px 4px 4px rgb(249, 180, 218) }
```

Background

The CSS property to change the background color of an element to XYZ 68.0431, 57.8442, 73.9085 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, 218) }
```

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

```
.background{ background-color: rgb(249,  
180, 218) }
```

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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