

Converting Colors

XYZ(67.5204, 57.8877, 74.1364)

Have a look what the booklet for
XYZ(67.5204, 57.8877, 74.1364)
contains.

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Color

**XYZ(67.5365, 57.8839,
73.9428)**

Conversions

Conversions Part 1

Format	Color
Hex	F7B5DA
RGB	247, 181, 218
RGB Percent	97%, 71%, 85%
CMY	0.0314, 0.2902, 0.1451
CMYK	0.00, 0.27, 0.12, 0.03
HSL	326°, 80%, 84%
HSV	326°, 27%, 97%
XYZ	67.5365, 57.8839, 73.9428
YIQ	204.9520, 27.4590, 25.4990

Conversions

Conversions Part 2

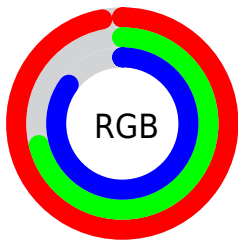
Format	Color
R _Y B	247, 181, 218
Decimal	16233946
CIE Lab	80.67, 29.47, -9.12
CIE LCh	81, 30.852, 342.813
Yxy	57.8839, 0.3388, 0.2903
Android (android.graphics.Color)	4294424026 (0xFFFF7B5DA)
YUV	204.9520, 6.4327, 36.8761
Hunter-Lab	76.0815, 25.3095, -4.3663

Details

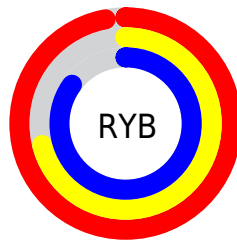
The XYZ color **67.5365, 57.8839, 73.9428** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **63.9520, 80.9999, 73.2404**, and the grayscale version is **57.9475, 60.9653, 66.3912**.

A 20% lighter version of the original color is **89.5742, 89.0484, 107.0747**, and **35.4354, 28.7702, 38.3359** is the 20% darker color. If you saturate the color by 10%, you get **61.5784, 48.1663, 65.1774**, and if you desaturate by 10%, it is **74.4813, 69.4246, 83.4973**.

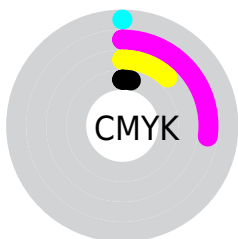
Distribution



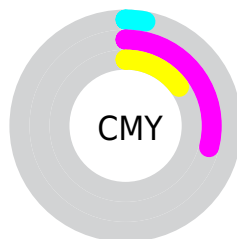
- Red (97%)
- Green (71%)
- Blue (85%)



- Red (97%)
- Yellow (71%)
- Blue (85%)



- Cyan (0%)
- Magenta (27%)
- Yellow (12%)
- Black (3%)



- Cyan (3%)
- Magenta (29%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 67.5365, 57.8839, 73.9428 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 67.5365, 57.8839, 73.9428 by changing the saturation by 10% instead.

67.5365, 57.8839,
73.9428

67.5365, 57.8839,
73.9428

441.2546,
416.7532, 493.4341

49.7930, 41.7153,
54.2507

114.7344,
101.7538, 126.5480

35.4661, 28.8784,
38.4076

144.9195,
130.2239, 160.2982

24.1903, 18.9889,
25.9949

179.9826,
163.5632, 199.5716

15.6004, 11.6622,
16.5941

220.2890,
202.1563, 244.7866

9.3309, 6.5141,
9.7866

266.2040,
246.3874, 296.3618

5.0164, 3.1602,
5.1540


318.0931,

2.2918, 1.2159,

296.6410, 354.7157


2.2776

376.3215,
353.3015, 420.2670


 0.7905, 0.0746,
0.7186


 0.0000, 0.0000,
0.0000


 67.5365, 57.8839,
73.9428


 67.5365, 57.8839,
73.9428


 61.5784, 48.1663,
65.1774


 74.4813, 69.4246,
83.4973


 56.5532, 40.1690,
57.1726

 82.4530, 82.8683,
93.8608

 52.4094, 33.7914,
49.9028

 91.4617, 98.2318,
105.0457

 49.0881, 28.9189,
43.3392

 92.1681, 98.5143,
108.7651

■ 46.5230, 25.4215,
37.4501

■ 44.6362, 23.1471,
32.1996

■ 43.3304, 21.9040,
27.5450

■ 42.9791, 21.6227,
26.1291

Harmonies

Analogous

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



63.7467, 57.8839, 92.3424



67.5365, 57.8839, 73.9428



67.8136, 57.8839, 55.5784

Triad

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



67.5365, 57.8839, 73.9428



52.3511, 57.8839, 34.6887



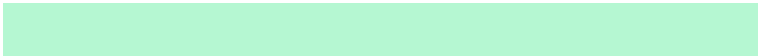
46.5307, 57.8839, 89.9277

Complementary

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



67.5365, 57.8839, 73.9428



63.9520, 80.9999, 73.2404

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.



43.9407, 57.8839, 71.1102



67.5365, 57.8839, 73.9428



47.1229, 57.8839, 40.6809

Square

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



67.5365, 57.8839, 73.9428



58.7073, 57.8839, 35.1549



44.1488, 57.8839, 53.2398



51.4845, 57.8839, 102.7210

Rectangle

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



67.5365, 57.8839, 73.9428



65.9394, 57.8839, 45.8993



44.1488, 57.8839, 53.2398



45.3725, 57.8839, 83.9568

Sweetspot

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



67.5382, 57.8865, 73.9440



87.4740, 87.1039, 99.4199



59.7794, 53.4092, 95.1546



18.4358, 18.1576, 20.9121



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.



67.5382, 57.8865, 73.9440



69.0654, 56.4228, 74.3671



63.6830, 56.3444, 53.6429



16.8882, 16.6381, 19.1576



22.8027, 11.4645, 14.2015



2.0558, 1.0283, 1.5200

Inverse Universe

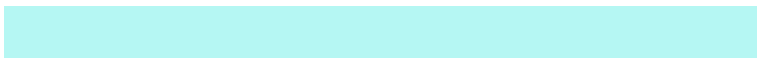
The Inverse Universe completely reimagines the original color for something new.



67.5382, 57.8865, 73.9440



69.0654, 56.4228, 74.3671



68.4360, 82.7935, 96.8523



16.8882, 16.6381, 19.1576



22.8027, 11.4645, 14.2015



2.0558, 1.0283, 1.5200

Previews

White Background



This preview shows how the XYZ color 67.5365, 57.8839, 73.9428 looks on a white background.

Color Contrast Check

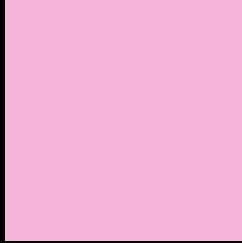
Large Text (above 18pt) WCAG AA × Fail

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 67.5365, 57.8839, 73.9428 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

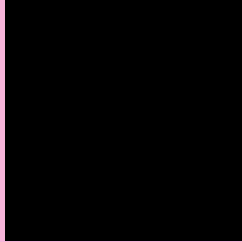
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 67.5365, 57.8839, 73.9428

Background



This preview shows how black text looks on a background with the XYZ color 67.5365, 57.8839, 73.9428.



This preview shows how white text looks on a background with the XYZ color 67.5365, 57.8839,

73.9428.

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

67.5365, 57.8839, 73.9428

Protanopia

57.0720, 58.1061, 82.3363

Deuteranopia

59.2214, 58.0826, 72.3797



Tritanopia

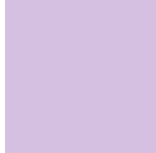
65.1055, 57.8170, 61.7612

Trichromacy



Original Color

67.5365, 57.8839, 73.9428



Protanomaly

60.1718, 57.4317, 79.1482



Deuteranomaly

61.8595, 57.7923, 72.8604



Tritanomaly

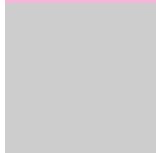
66.0801, 57.9160, 66.0886

Monochromacy



Original Color

67.5365, 57.8839, 73.9428



Achromatopsia

58.0276, 61.0496, 66.4830



Achromatomaly

60.8880, 59.3486, 69.2191

CSS Examples

Text

The CSS property to change the color of the text to XYZ 67.5365, 57.8839, 73.9428 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(247, 181, 218)` looks like.

```
.text, #text, p{  
    color:rgb(247, 181, 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(247, 181, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 181, 218) }
```

Border

The CSS property to change the border of an element to XYZ 67.5365, 57.8839, 73.9428 is called "border". The border property can be set on classes, ids or directly on the HTML element.

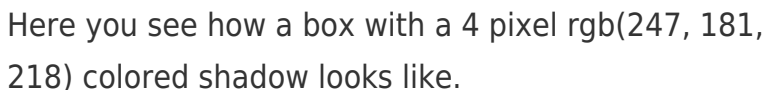
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(247, 181, 218) }
```


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

```
.border{ border-color:rgb(247, 181, 218) }
```

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



Here you see how a box with a 4 pixel `rgb(247, 181, 218)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(247, 181, 218); -webkit-box-shadow:4px 4px 4px 4px rgb(247, 181, 218); box-shadow:4px 4px 4px 4px rgb(247, 181, 218) }
```

Background

The CSS property to change the background color of an element to XYZ 67.5365, 57.8839, 73.9428 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 181, 218) }
```

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

```
.background{ background-color: rgb(247,  
181, 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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