

Converting Colors

XYZ(68.0648, 58.3298, 73.9138)

Have a look what the booklet for
XYZ(68.0648, 58.3298, 73.9138)
contains.

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Color

**XYZ(68.0942, 58.4743,
74.0274)**

Conversions

Conversions Part 1

Format	Color
Hex	F8B6DA
RGB	248, 182, 218
RGB Percent	97%, 71%, 85%
CMY	0.0274, 0.2863, 0.1451
CMYK	0.00, 0.27, 0.12, 0.03
HSL	327°, 83%, 84%
HSV	327°, 27%, 97%
XYZ	68.0942, 58.4743, 74.0274
YIQ	205.8380, 27.7800, 25.1880

Conversions

Conversions Part 2

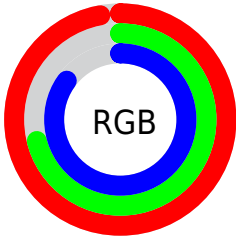
Format	Color
R _Y B	248, 182, 218
Decimal	16299738
CIE Lab	81.00, 29.29, -8.62
CIE LCh	81, 30.529, 343.602
Yxy	58.4743, 0.3395, 0.2915
Android (android.graphics.Color)	4294489818 (0xFFFF8B6DA)
YUV	205.8380, 5.9959, 36.9761
Hunter-Lab	76.4685, 25.1321, -3.8694

Details

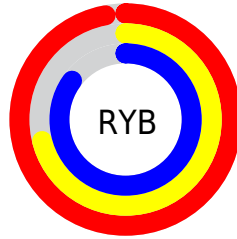
The XYZ color **68.0942, 58.4743, 74.0274** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **64.7448, 81.8349, 74.6743**, and the grayscale version is **58.5145, 61.5618, 67.0408**.

A 20% lighter version of the original color is **89.8645, 89.6291, 107.1715**, and **35.8159, 29.1591, 38.3909** is the 20% darker color. If you saturate the color by 10%, you get **62.0327, 48.6319, 64.9745**, and if you desaturate by 10%, it is **75.1588, 70.1608, 83.9111**.

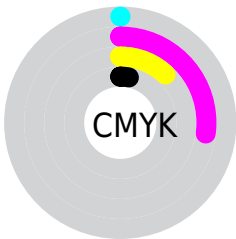
Distribution



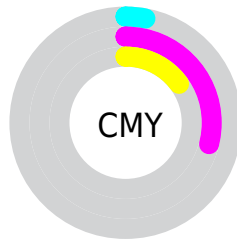
- Red (97%)
- Green (71%)
- Blue (85%)



- 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 68.0942, 58.4743, 74.0274 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 68.0942, 58.4743, 74.0274 by changing the saturation by 10% instead.


 68.0942, 58.4743,
74.0274

 68.0942, 58.4743,
74.0274


443.2012,
418.9510, 493.7339

 50.2483, 42.1901,
54.3195


 115.5281,
102.6132, 126.6690

 35.8294, 29.2502,
38.4623


145.8468,
131.2367, 160.4399

 24.4719, 19.2701,
26.0371


181.0538,
164.7421, 199.7355

 15.8107, 11.8656,
16.6254

221.5145,
203.5137, 244.9745

 9.4803, 6.6523,
9.8086

267.5942,
247.9361, 296.5752

 5.1154, 3.2456,
5.1683

319.6584,

 2.3506, 1.2613,

298.3934, 354.9563

2.2859

378.0722,
355.2703, 420.5364

■ 0.8203, 0.1109,
0.7233

■ 0.0000, 0.0000,
0.0000

■ 68.0942, 58.4743,
74.0274

■ 68.0942, 58.4743,
74.0274

■ 62.0327, 48.6319,
64.9745

■ 75.1588, 70.1608,
83.9111

■ 56.9199, 40.5301,
56.7225

■ 83.2673, 83.7722,
94.6467

■ 52.7035, 34.0670,
49.2446

■ 92.0141, 98.4936,
106.1089

■ 49.3239, 29.1270,
42.5105

■ 92.5217, 98.6966,
108.7817

■ 46.7141, 25.5789,
36.4871

■ 44.7954, 23.2694,
31.1369

■ 43.4695, 22.0057,
26.4157

■ 43.1036, 21.7134,
24.9392

Harmonies

Analogous

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



64.4038, 58.4743, 92.4011



68.0942, 58.4743, 74.0274



68.2704, 58.4743, 55.8159

Triad

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



68.0942, 58.4743, 74.0274



52.7639, 58.4743, 35.4374



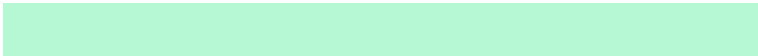
47.2201, 58.4743, 90.8677

Complementary

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



68.0942, 58.4743, 74.0274



64.7448, 81.8349, 74.6743

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.



44.5652, 58.4743, 72.2253



68.0942, 58.4743, 74.0274



47.5979, 58.4743, 41.6109

Square

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



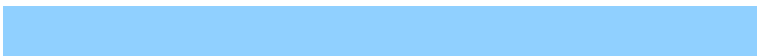
68.0942, 58.4743, 74.0274



59.0863, 58.4743, 35.7361



44.6981, 58.4743, 54.3242



52.2116, 58.4743, 103.3153

Rectangle

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



68.0942, 58.4743, 74.0274



66.3471, 58.4743, 46.2566



44.6981, 58.4743, 54.3242



46.0423, 58.4743, 84.9790

Sweetspot

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



68.0959, 58.4769, 74.0286



87.4266, 87.0849, 99.1702



60.7386, 54.1887, 96.0658



18.4239, 18.1529, 20.8492



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.



68.0959, 58.4769, 74.0286



68.9031, 56.3579, 73.5122



64.2301, 56.9306, 53.6717



17.6407, 17.3836, 19.9635



23.3562, 11.7582, 13.8499



2.2167, 1.1104, 1.5644

Inverse Universe

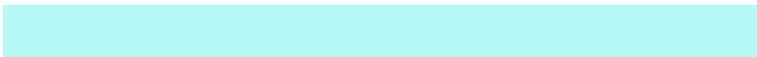
The Inverse Universe completely reimagines the original color for something new.



68.0959, 58.4769, 74.0286



68.9031, 56.3579, 73.5122



69.2963, 83.6555, 98.6420



17.6407, 17.3836, 19.9635



23.3562, 11.7582, 13.8499



2.2167, 1.1104, 1.5644

Previews

White Background



This preview shows how the XYZ color 68.0942, 58.4743, 74.0274 looks on a white background.

Color Contrast Check

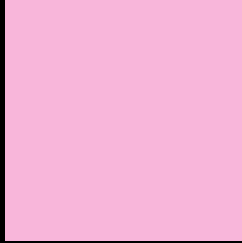
Large Text (above 18pt) WCAG AA × Fail

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 68.0942, 58.4743, 74.0274 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 68.0942, 58.4743, 74.0274

Background



This preview shows how black text looks on a background with the XYZ color 68.0942, 58.4743, 74.0274.



This preview shows how white text looks on a background with the XYZ color 68.0942, 58.4743,

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

68.0942, 58.4743, 74.0274

Protanopia

57.8231, 58.8360, 82.4376

Deuteranopia

60.0300, 58.8332, 72.4820



Tritanopia

65.6638, 58.4143, 61.8471

Trichromacy



Original Color

68.0942, 58.4743, 74.0274



Protanomaly

60.9795, 58.1751, 79.2491



Deuteranomaly

62.7040, 58.5504, 72.9622



Tritanomaly

66.6388, 58.5114, 66.1741

Monochromacy



Original Color

68.0942, 58.4743, 74.0274



Achromatopsia

58.6655, 61.7207, 67.2138



Achromatomaly

61.4179, 59.9578, 69.3087

CSS Examples

Text

The CSS property to change the color of the text to XYZ 68.0942, 58.4743, 74.0274 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, 182, 218)` looks like.

```
.text, #text, p{  
    color:rgb(248, 182, 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(248, 182, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 182, 218) }
```

Border

The CSS property to change the border of an element to XYZ 68.0942, 58.4743, 74.0274 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, 182, 218) }
```


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

```
.border{ border-color:rgb(248, 182, 218) }
```

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

Here you see how a box with a 4 pixel `rgb(248, 182, 218)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 182, 218); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 182, 218);  
box-shadow:4px 4px 4px 4px rgb(248, 182,  
218) }
```

Background

The CSS property to change the background color of an element to XYZ 68.0942, 58.4743, 74.0274 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 182, 218) }
```

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

```
.background{ background-color: rgb(248,  
182, 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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