

Converting Colors

XYZ(71.0964, 59.3632, 95.2475)

Have a look what the booklet for
XYZ(71.0964, 59.3632, 95.2475)
contains.

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Color

**XYZ(70.8146, 59.1140,
94.8666)**

Conversions

Conversions Part 1

Format	Color
Hex	F5B5F6
RGB	245, 181, 246
RGB Percent	96%, 71%, 96%
CMY	0.0392, 0.2902, 0.0353
CMYK	0.00, 0.26, 0.00, 0.04
HSL	299°, 78%, 84%
HSV	299°, 26%, 96%
XYZ	70.8146, 59.1140, 94.8666
YIQ	207.5460, 17.2790, 33.7830

Conversions

Conversions Part 2

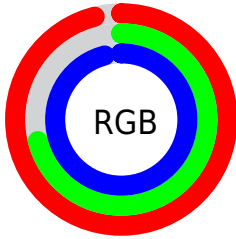
Format	Color
R _Y B	245, 181, 246
Decimal	16102902
CIE Lab	81.35, 33.65, -23.17
CIE LCh	81, 40.853, 325.450
Yxy	59.1140, 0.3150, 0.2630
Android (android.graphics.Color)	4294292982 (0xFFFF5B5F6)
YUV	207.5460, 18.9578, 32.8472
Hunter-Lab	76.8856, 29.8555, -19.3360

Details

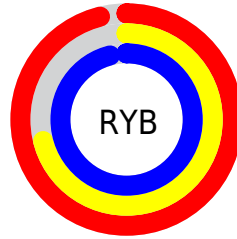
The XYZ color **70.8146, 59.1140, 94.8666** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **60.5897, 79.1943, 55.8115**, and the grayscale version is **59.5355, 62.6360, 68.2106**.

A 20% lighter version of the original color is **89.5742, 89.0484, 107.0747**, and **37.6227, 29.5878, 52.4433** is the 20% darker color. If you saturate the color by 10%, you get **66.1162, 49.9119, 93.3389**, and if you desaturate by 10%, it is **76.4000, 70.0876, 96.6912**.

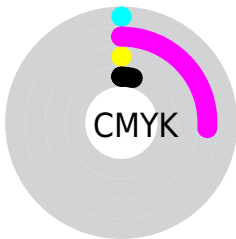
Distribution



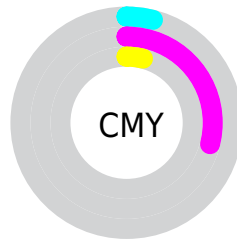
- Red (96%)
- Green (71%)
- Blue (96%)



- Red (96%)
- Yellow (71%)
- Blue (96%)



- Cyan (0%)
- Magenta (26%)
- Yellow (0%)
- Black (4%)





- Cyan (4%)
- Magenta (29%)
- Yellow (4%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 70.8146, 59.1140, 94.8666 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 70.8146, 59.1140, 94.8666 by changing the saturation by 10% instead.


 70.8146, 59.1140,
94.8666

 70.8146, 59.1140,
94.8666


452.6270,
421.3242, 564.7113

 52.4729, 42.7049,
71.4277


 119.3896,
103.5433, 156.0743

 37.6079, 29.6536,
52.2073


150.3537,
132.3324, 194.6801

 25.8544, 19.5758,
36.7870


186.2559,
166.0168, 239.1787

 16.8468, 12.0871,
24.7481

227.4617,
204.9811, 289.9885

 10.2200, 6.8030,
15.6722

274.3363,
249.6096, 347.5282

 5.6084, 3.3392,
9.1406

327.2452,

 2.6469, 1.3113,

300.2866, 412.2161

4.7350

386.5536,
357.3967, 484.4710

■ 0.9699, 0.1499,
2.0366

■ 0.0000, 0.0000,
0.5776

■ 70.8146, 59.1140,
94.8666

■ 70.8146, 59.1140,
94.8666

■ 66.1162, 49.9119,
93.3389

■ 76.4000, 70.0876,
96.6912

■ 62.2529, 42.3806,
92.0888

■ 82.9100, 82.9111,
98.8233

■ 59.1758, 36.4214,
91.1008

■ 90.3867, 97.6675,
101.2775

■ 56.8288, 31.9218,
90.3560

■ 90.5816, 97.8599,
101.3044

55.1482, 28.7548,
89.8333

90.7148, 97.9286,
101.3106

54.0596, 26.7712,
89.5078

90.8482, 97.9974,
101.3168

53.4698, 25.7849,
89.3485

90.9820, 98.0664,
101.3231

53.3277, 25.5698,
89.3144

91.1160, 98.1354,
101.3294

91.2503, 98.2047,
101.3356

Harmonies

Analogous

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



63.5370, 59.1140, 116.8111



70.8146, 59.1140, 94.8666



74.1833, 59.1140, 68.1658

Triad

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



70.8146, 59.1140, 94.8666



57.4980, 59.1140, 27.9634



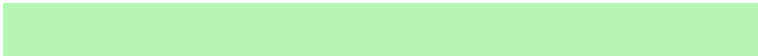
42.6329, 59.1140, 86.7467

Complementary

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



70.8146, 59.1140, 94.8666



60.5897, 79.1943, 55.8115

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.



41.3640, 59.1140, 60.7083



70.8146, 59.1140, 94.8666



49.4252, 59.1140, 30.5717

Square

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



70.8146, 59.1140, 94.8666



66.0159, 59.1140, 32.8979



43.7251, 59.1140, 41.2216



47.3839, 59.1140, 111.3513

Rectangle

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



70.8146, 59.1140, 94.8666



73.5337, 59.1140, 52.6395



43.7251, 59.1140, 41.2216



41.8069, 59.1140, 77.7142

Sweetspot

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



70.8164, 59.1166, 94.8679



88.7686, 87.6084, 106.8392



52.4381, 49.9705, 94.0711



18.7634, 18.2853, 22.7904



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.



70.8164, 59.1166, 94.8679



73.8503, 58.2836, 101.9653



66.7440, 57.5280, 71.5980



17.1870, 16.7546, 20.8707



28.4758, 13.6541, 47.6727



2.5107, 1.2042, 4.1903

Inverse Universe

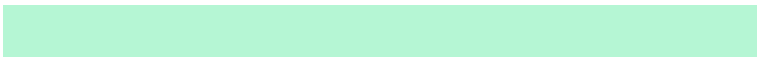
The Inverse Universe completely reimagines the original color for something new.



62.9754, 56.0205, 51.7524



63.9644, 54.3824, 47.5054



63.9501, 80.5113, 74.7352



16.5095, 16.4866, 17.1635



20.3018, 10.4642, 1.0320



1.7879, 0.9211, 0.1095

Previews

White Background



This preview shows how the XYZ color 70.8146, 59.1140, 94.8666 looks on a white background.

Color Contrast Check

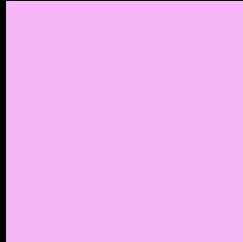
Large Text (above 18pt) WCAG AA × Fail

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 70.8146, 59.1140, 94.8666 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

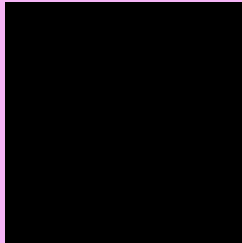
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 70.8146, 59.1140, 94.8666

Background



This preview shows how black text looks on a background with the XYZ color 70.8146, 59.1140, 94.8666.



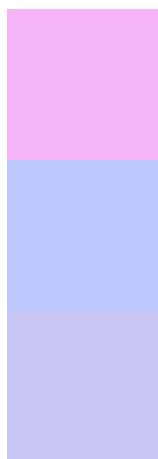
This preview shows how white text looks on a background with the XYZ color 70.8146, 59.1140,

94.8666.

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

70.8146, 59.1140, 94.8666

Protanopia

59.6905, 59.3474, 102.9169

Deuteranopia

60.7289, 59.4158, 93.0617



Tritanopia

64.6933, 59.1055, 65.1255

Trichromacy



Original Color

70.8146, 59.1140, 94.8666



Protanomaly

62.9351, 58.7235, 100.1132



Deuteranomaly

64.0922, 59.1364, 93.6244



Tritanomaly

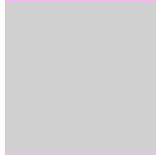
66.6207, 58.9331, 74.8818

Monochromacy



Original Color

70.8146, 59.1140, 94.8666



Achromatopsia

59.9535, 63.0757, 68.6895



Achromatomaly

63.1977, 61.0342, 77.5572

CSS Examples

Text

The CSS property to change the color of the text to XYZ 70.8146, 59.1140, 94.8666 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(245, 181, 246)` looks like.

```
.text, #text, p{  
    color:rgb(245, 181, 246)  
}
```

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(245, 181, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 181, 246) }
```

Border

The CSS property to change the border of an element to XYZ 70.8146, 59.1140, 94.8666 is called "border". The border property can be set on classes, ids or directly on the HTML element.

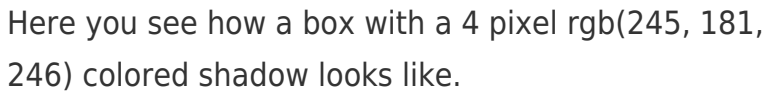
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(245, 181, 246) }
```


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

```
.border{ border-color:rgb(245, 181, 246) }
```

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



Here you see how a box with a 4 pixel `rgb(245, 181, 246)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(245, 181, 246); -webkit-box-shadow:4px 4px 4px 4px rgb(245, 181, 246); box-shadow:4px 4px 4px 4px rgb(245, 181, 246) }
```

Background

The CSS property to change the background color of an element to XYZ 70.8146, 59.1140, 94.8666 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 181, 246) }
```

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

```
.background{ background-color: rgb(245,  
181, 246) }
```

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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