

Converting Colors

XYZ(70.0407, 59.8250, 86.2587)

Have a look what the booklet for
XYZ(70.0407, 59.8250, 86.2587)
contains.

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Color

**XYZ(70.1419, 59.8720,
86.4568)**

Conversions

Conversions Part 1

Format	Color
Hex	F6B8EB
RGB	246, 184, 235
RGB Percent	96%, 72%, 92%
CMY	0.0353, 0.2784, 0.0784
CMYK	0.00, 0.25, 0.04, 0.04
HSL	311°, 78%, 84%
HSV	311°, 25%, 96%
XYZ	70.1419, 59.8720, 86.4568
YIQ	208.3520, 20.5810, 29.0050

Conversions

Conversions Part 2

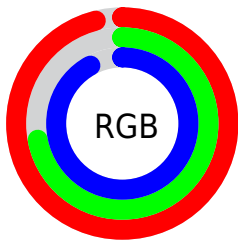
Format	Color
R _Y B	246, 184, 235
Decimal	16169195
CIE _{Lab}	81.77, 30.42, -16.63
CIE _{LCh}	82, 34.673, 331.331
Y _{xy}	59.8720, 0.3240, 0.2766
Android (android.graphics.Color)	4294359275 (0xFFFF6B8EB)
Y _{UV}	208.3520, 13.1375, 33.0173
Hunter-Lab	77.3770, 26.3997, -12.0835

Details

The XYZ color **70.1419, 59.8720, 86.4568** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **62.5757, 80.0437, 63.7852**, and the grayscale version is **60.0922, 63.2216, 68.8484**.

A 20% lighter version of the original color is **90.4501, 90.8002, 107.3667**, and **37.1056, 30.0388, 46.4902** is the 20% darker color. If you saturate the color by 10%, you get **64.8469, 50.2781, 81.6190**, and if you desaturate by 10%, it is **76.3445, 71.2545, 91.6748**.

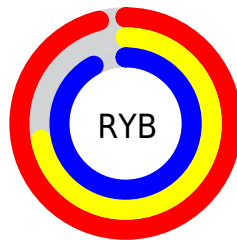
Distribution



Red (96%)

Green (72%)

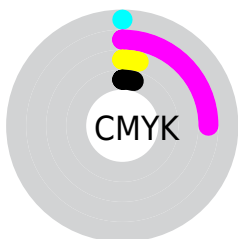
Blue (92%)



Red (96%)

Yellow (72%)

Blue (92%)

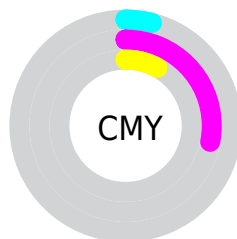


Cyan (0%)

Magenta (25%)

Yellow (4%)

Black (4%)



Cyan (4%)

Magenta (28%)

Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 70.1419, 59.8720, 86.4568 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 70.1419, 59.8720, 86.4568 by changing the saturation by 10% instead.

70.1419, 59.8720,
86.4568

70.1419, 59.8720,
86.4568

450.3067,
424.1258, 536.7060

51.9222, 43.3155,
64.4887

118.4363,
104.6440, 144.2989

37.1671, 30.1327,
46.5979

149.2417,
133.6282, 181.0101

25.5112, 19.9393,
32.3658

184.9730,
167.5238, 223.4727

16.5891, 12.3510,
21.3740

225.9957,
206.7151, 272.1052

10.0354, 6.9832,
13.2037

272.6751,
251.5866, 327.3263

5.4849, 3.4516,
7.4366

325.3765,

2.5721, 1.3718,

302.5226, 389.5544

3.6541

384.4652,
359.9075, 459.2082

■ 0.9318, 0.1958,
1.4375

■ 0.0000, 0.0000,
0.1707

■ 70.1419, 59.8720,
86.4568

■ 70.1419, 59.8720,
86.4568

■ 64.8469, 50.2781,
81.6190

■ 76.3445, 71.2545,
91.6748

■ 60.4081, 42.3727,
77.1417

■ 83.4920, 84.5029,
97.2841

■ 56.7768, 36.0582,
73.0089

■ 90.7246, 97.8963,
102.9991

■ 53.8978, 31.2237,
69.2015

■ 91.4103, 98.1706,
106.6097

■ 51.7081, 27.7442,
65.6981

■ 91.8165, 98.3331,
108.7487

■ 50.1350, 25.4736,
62.4738

■ 49.0883, 24.2324,
59.4981

■ 48.7089, 23.8740,
58.1368

Harmonies

Analogous

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



64.5272, 59.8720, 105.9428



70.1419, 59.8720, 86.4568



72.1358, 59.8720, 64.2606

Triad

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



70.1419, 59.8720, 86.4568



56.5810, 59.8720, 32.6769



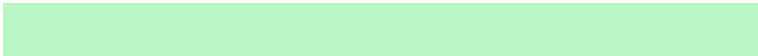
45.7319, 59.8720, 88.4248

Complementary

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



70.1419, 59.8720, 86.4568



62.5757, 80.0437, 63.7852

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.



43.9874, 59.8720, 66.1291



70.1419, 59.8720, 86.4568



49.9108, 59.8720, 36.5126

Square

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



70.1419, 59.8720, 86.4568



63.9148, 59.8720, 35.8815



45.4506, 59.8720, 47.7330



50.4303, 59.8720, 107.2394

Rectangle

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



70.1419, 59.8720, 86.4568



71.0190, 59.8720, 51.6252



45.4506, 59.8720, 47.7330



44.7996, 59.8720, 80.9454

Sweetspot

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



70.1437, 59.8747, 86.4581



88.3066, 87.4369, 103.8042



56.1115, 52.4514, 94.3565



18.6462, 18.2418, 22.0200



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.



70.1437, 59.8747, 86.4581



73.2010, 59.6765, 91.2139



66.1279, 58.2683, 65.3112



17.0800, 16.7149, 20.1681



26.0459, 12.7618, 31.2797



2.3215, 1.1346, 2.9194

Inverse Universe

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



70.1437, 59.8747, 86.4581



73.2010, 59.6765, 91.2139



66.3612, 81.5580, 83.7194



17.0800, 16.7149, 20.1681



26.0459, 12.7618, 31.2797



2.3215, 1.1346, 2.9194

Previews

White Background



This preview shows how the XYZ color 70.1419, 59.8720, 86.4568 looks on a white background.

Color Contrast Check

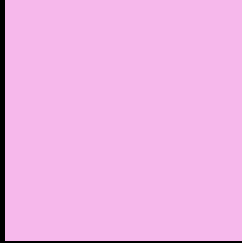
Large Text (above 18pt) WCAG AA × Fail

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 70.1419, 59.8720, 86.4568 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

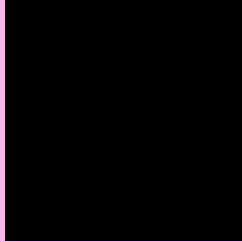
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 70.1419, 59.8720, 86.4568

Background



This preview shows how black text looks on a background with the XYZ color 70.1419, 59.8720, 86.4568.



This preview shows how white text looks on a background with the XYZ color 70.1419, 59.8720,

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

70.1419, 59.8720, 86.4568

Protanopia

60.1572, 60.4258, 96.4884

Deuteranopia

61.3379, 59.9160, 84.6760



Tritanopia

65.9305, 60.0638, 65.2453

Trichromacy



Original Color

70.1419, 59.8720, 86.4568



Protanomaly

63.1333, 59.6474, 92.9796



Deuteranomaly

64.2094, 59.7111, 85.2320



Tritanomaly

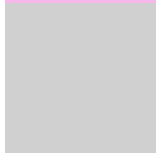
67.2111, 59.9274, 72.3147

Monochromacy



Original Color

70.1419, 59.8720, 86.4568



Achromatopsia

59.9535, 63.0757, 68.6895



Achromatomaly

63.2025, 61.4384, 74.8573

CSS Examples

Text

The CSS property to change the color of the text to XYZ 70.1419, 59.8720, 86.4568 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(246, 184, 235)` looks like.

```
.text, #text, p{  
    color:rgb(246, 184, 235)  
}
```

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(246, 184, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 184, 235) }
```

Border

The CSS property to change the border of an element to XYZ 70.1419, 59.8720, 86.4568 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(246, 184, 235) }
```


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

```
.border{ border-color:rgb(246, 184, 235) }
```

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

Here you see how a box with a 4 pixel `rgb(246, 184, 235)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 184, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 184, 235);  
box-shadow:4px 4px 4px 4px rgb(246, 184,  
235) }
```

Background

The CSS property to change the background color of an element to XYZ 70.1419, 59.8720, 86.4568 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 184, 235) }
```

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

```
.background{ background-color: rgb(246,  
184, 235) }
```

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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