

Converting Colors

XYZ(71.3251, 59.1709, 89.5848)

Have a look what the booklet for
XYZ(71.3251, 59.1709, 89.5848)
contains.

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Color

**XYZ(71.3256, 59.1985,
89.3285)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | FAB4EF |
| RGB | 250, 180, 239 |
| RGB Percent | 98%, 71%, 94% |
| CMY | 0.0196, 0.2941, 0.0627 |
| CMYK | 0.00, 0.28, 0.04, 0.02 |
| HSL | 309°, 88%, 84% |
| HSV | 309°, 28%, 98% |
| XYZ | 71.3256, 59.1985, 89.3285 |
| YIQ | 207.6560, 22.7810, 33.1890 |

Conversions

Conversions Part 2

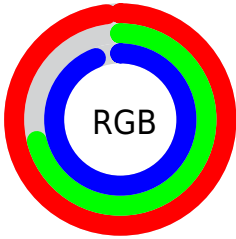
| Format | Color |
|-------------------------------------|-------------------------------|
| R _Y B | 250, 180, 239 |
| Decimal | 16430319 |
| CIE Lab | 81.40, 34.54, -19.30 |
| CIE LCh | 81, 39.561, 330.805 |
| Yxy | 59.1985, 0.3244, 0.2693 |
| Android (android.graphics.Color) | 4294620399 (0xFF FAB4EF) |
| YUV | 207.6560, 15.4526, 37.1357 |
| Hunter-Lab | 76.9406, 30.8275, -14.9777 |

Details

The XYZ color **71.3256, 59.1985, 89.3285** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **62.4144, 81.8380, 61.8005**, and the grayscale version is **59.6260, 62.7312, 68.3143**.

A 20% lighter version of the original color is **89.2855, 88.4709, 106.9785**, and **38.0004, 29.6781, 48.5253** is the 20% darker color. If you saturate the color by 10%, you get **66.1529, 49.7711, 84.7720**, and if you desaturate by 10%, it is **77.4247, 70.4565, 94.2574**.

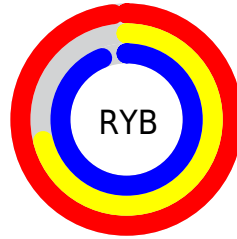
Distribution



Red (98%)

Green (71%)

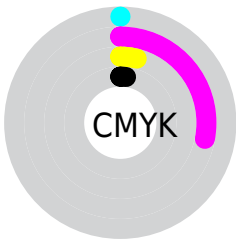
Blue (94%)



Red (98%)

Yellow (71%)

Blue (94%)

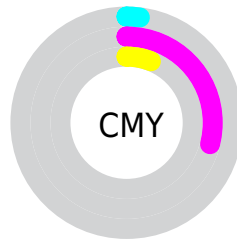


Cyan (0%)

Magenta (28%)

Yellow (4%)

Black (2%)



Cyan (2%)


Magenta (29%)


Yellow (6%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 71.3256, 59.1985, 89.3285 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 71.3256, 59.1985, 89.3285 by changing the saturation by 10% instead.


 71.3256, 59.1985,
89.3285

 71.3256, 59.1985,
89.3285


454.3850,
421.6371, 546.3577

 52.8914, 42.7729,
66.8533


 120.1132,
103.6661, 148.3327

 37.9432, 29.7070,
48.5045

151.1974,
132.4769, 185.6987

 26.1157, 19.6163,
33.8638


187.2290,
166.1850, 228.8653

 17.0433, 12.1164,
22.5125

228.5733,
205.1746, 278.2512

 10.3609, 6.8230,
14.0320

275.5957,
249.8303, 334.2749

 5.7030, 3.3517,
8.0039

328.6615,

 2.7043, 1.3180,

300.5363, 397.3548

4.0097

388.1362,
357.6771, 467.9096

■ 0.9994, 0.1551,
1.6306

■ 0.0000, 0.0000,
0.3125

■ 71.3256, 59.1985,
89.3285

■ 71.3256, 59.1985,
89.3285

■ 66.1529, 49.7711,
84.7720

■ 77.4247, 70.4565,
94.2574

■ 61.8522, 42.0686,
80.5674

■ 84.4901, 83.6279,
99.5704

■ 58.3717, 35.9864,
76.6976

■ 92.5640, 98.7959,
105.2825

■ 55.6517, 31.4054,
73.1424

■ 93.1893, 99.0460,
108.5752

■ 53.6244, 28.1904,
69.8788

■ 93.2349, 99.0643,
108.8151

■ 52.2100, 26.1813,
66.8798

■ 51.2996, 25.1611,
64.1087

■ 51.1466, 25.0130,
63.5709

Harmonies

Analogous

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



64.8118, 59.1985, 112.0351



71.3256, 59.1985, 89.3285



73.7167, 59.1985, 63.8188

Triad

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



71.3256, 59.1985, 89.3285



56.0431, 59.1985, 28.7944



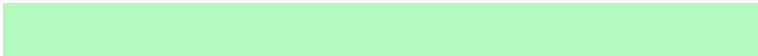
43.6803, 59.1985, 90.7143

Complementary

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



71.3256, 59.1985, 89.3285



62.4144, 81.8380, 61.8005

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.



41.8133, 59.1985, 65.0996



71.3256, 59.1985, 89.3285



48.5072, 59.1985, 32.7131

Square

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



71.3256, 59.1985, 89.3285



64.3872, 59.1985, 32.3074



43.4917, 59.1985, 44.6924



48.8589, 59.1985, 112.9634

Rectangle

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



71.3256, 59.1985, 89.3285



72.4836, 59.1985, 49.5926



43.4917, 59.1985, 44.6924



42.6687, 59.1985, 82.0295

Sweetspot

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



71.3274, 59.2011, 89.3298



88.3720, 87.4631, 104.1487



54.9395, 50.5593, 97.3070



18.6628, 18.2484, 22.1073



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.



71.3274, 59.2011, 89.3298



71.2313, 55.7494, 90.5190



66.7069, 57.3529, 64.9987



17.8689, 17.4749, 21.1656



27.1738, 13.2852, 33.9531



2.5473, 1.2426, 3.3053

Inverse Universe

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



71.3274, 59.2011, 89.3298



71.2313, 55.7494, 90.5190



66.6691, 83.5398, 84.2054



17.8689, 17.4749, 21.1656



27.1738, 13.2852, 33.9531



2.5473, 1.2426, 3.3053

Previews

White Background



This preview shows how the XYZ color 71.3256, 59.1985, 89.3285 looks on a white background.

Color Contrast Check

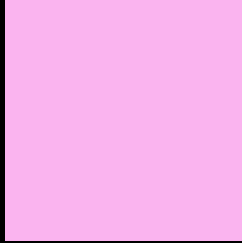
Large Text (above 18pt) WCAG AA × Fail

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 71.3256, 59.1985, 89.3285 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

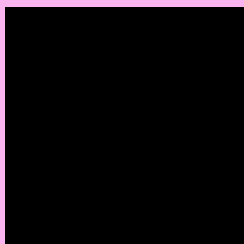
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 71.3256, 59.1985, 89.3285

Background



This preview shows how black text looks on a background with the XYZ color 71.3256, 59.1985, 89.3285.



This preview shows how white text looks on a background with the XYZ color 71.3256, 59.1985,

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

71.3256, 59.1985, 89.3285

Protanopia

59.8515, 59.8123, 101.3189

Deuteranopia

60.7880, 59.5661, 87.6504



Tritanopia

65.9691, 59.1702, 63.2024

Trichromacy



Original Color

71.3256, 59.1985, 89.3285



Protanomaly

63.1646, 58.9143, 96.8494



Deuteranomaly

64.0411, 58.9056, 88.1154



Tritanomaly

67.7640, 58.9614, 72.0991

Monochromacy



Original Color

71.3256, 59.1985, 89.3285



Achromatopsia

59.9535, 63.0757, 68.6895



Achromatomaly

63.4117, 61.1906, 75.4866

CSS Examples

Text

The CSS property to change the color of the text to XYZ 71.3256, 59.1985, 89.3285 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(250, 180, 239)` looks like.

```
.text, #text, p{  
    color:rgb(250, 180, 239)  
}
```

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(250, 180, 239) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 180, 239) }
```

Border

The CSS property to change the border of an element to XYZ 71.3256, 59.1985, 89.3285 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(250, 180, 239) }
```


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

```
.border{ border-color:rgb(250, 180, 239) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 180, 239)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 180, 239); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 180, 239);  
box-shadow:4px 4px 4px 4px rgb(250, 180,  
239) }
```

Background

The CSS property to change the background color of an element to XYZ 71.3256, 59.1985, 89.3285 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 180, 239) }
```

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

```
.background{ background-color: rgb(250,  
180, 239) }
```

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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