

Converting Colors

XYZ(70.4262, 60.1482, 89.4168)

Have a look what the booklet for
XYZ(70.4262, 60.1482, 89.4168)
contains.

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Color

**XYZ(70.5851, 60.3424,
89.5884)**

Conversions

Conversions Part 1

Format	Color
Hex	F5B9EF
RGB	245, 185, 239
RGB Percent	96%, 73%, 94%
CMY	0.0392, 0.2745, 0.0627
CMYK	0.00, 0.24, 0.02, 0.04
HSL	306°, 75%, 84%
HSV	306°, 24%, 96%
XYZ	70.5851, 60.3424, 89.5884
YIQ	209.0960, 18.4260, 29.5140

Conversions

Conversions Part 2

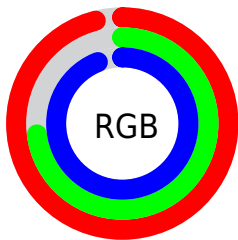
Format	Color
R _Y B	245, 185, 239
Decimal	16103919
CIE Lab	82.02, 30.27, -18.40
CIE LCh	82, 35.426, 328.702
Yxy	60.3424, 0.3201, 0.2736
Android (android.graphics.Color)	4294293999 (0xFFFF5B9EF)
YUV	209.0960, 14.7427, 31.4878
Hunter-Lab	77.6804, 26.2553, -14.0026

Details

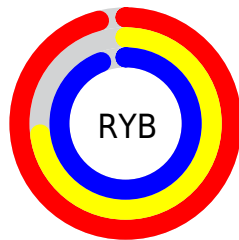
The XYZ color **70.5851, 60.3424, 89.5884** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **62.0663, 79.3824, 61.3446**, and the grayscale version is **60.5670, 63.7212, 69.3923**.

A 20% lighter version of the original color is **91.0421, 91.9843, 107.5640**, and **37.4026, 30.3429, 48.6852** is the 20% darker color. If you saturate the color by 10%, you get **65.5358, 50.8182, 86.1320**, and if you desaturate by 10%, it is **76.5261, 71.6401, 93.3676**.

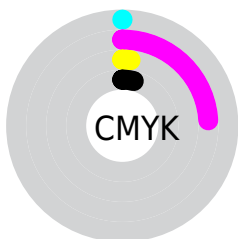
Distribution



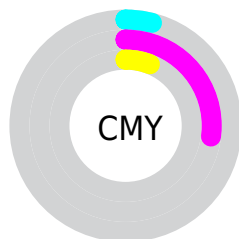
- Red (96%)
- Green (73%)
- Blue (94%)



- Red (96%)
- Yellow (73%)
- Blue (94%)



- Cyan (0%)
- Magenta (24%)
- Yellow (2%)
- Black (4%)





- Cyan (4%)
- Magenta (27%)
- Yellow (6%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 70.5851, 60.3424, 89.5884 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 70.5851, 60.3424, 89.5884 by changing the saturation by 10% instead.


 70.5851, 60.3424,
89.5884

 70.5851, 60.3424,
89.5884

451.8362,
425.8587, 547.2265

 52.2850, 43.6947,
67.0675

 119.0645,
105.3262, 148.6971

 37.4575, 30.4305,
48.6776

149.9745,
134.4311, 186.1219

 25.7372, 20.1656,
34.0000

185.8185,
168.4571, 229.3518

 16.7588, 12.5155,
22.6162

226.9619,
207.7887, 278.8054

 10.1569, 7.0958,
14.1078

273.7700,
252.8103, 334.9011

 5.5662, 3.5221,
8.0560

326.6082,

 2.6213, 1.4100,

303.9062, 398.0575

4.0425

385.8418,
361.4609, 468.6931

■ 0.9568, 0.2241,
1.6487

■ 0.0000, 0.0000,
0.3252

■ 70.5851, 60.3424,
89.5884

■ 70.5851, 60.3424,
89.5884

■ 65.5358, 50.8182,
86.1320

■ 76.5261, 71.6401,
93.3676

■ 61.3273, 42.9688,
82.9793

■ 83.3953, 84.7874,
97.4799

■ 57.9122, 36.6985,
80.1151

■ 90.1053, 97.6082,
101.5634

■ 55.2361, 31.8983,
77.5211

■ 90.4847, 97.7599,
103.5613

53.2375, 28.4454,
75.1768

90.8690, 97.9137,
105.5854

51.8452, 26.1973,
73.0584

91.2584, 98.0694,
107.6359

50.9717, 24.9795,
71.1365

91.4666, 98.1527,
108.7323

50.6411, 24.6065,
70.1375

Harmonies

Analogous

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



64.5648, 60.3424, 109.0143



70.5851, 60.3424, 89.5884



73.0193, 60.3424, 66.6431

Triad

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



70.5851, 60.3424, 89.5884



57.6811, 60.3424, 32.4480



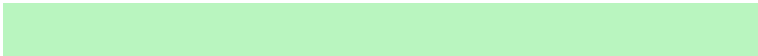
45.6074, 60.3424, 87.6096

Complementary

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



70.5851, 60.3424, 89.5884



62.0663, 79.3824, 61.3446

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.



44.1059, 60.3424, 64.7710



70.5851, 60.3424, 89.5884



50.7005, 60.3424, 35.7172

Square

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



70.5851, 60.3424, 89.5884



65.1793, 60.3424, 36.3443



45.8885, 60.3424, 46.4913



50.1808, 60.3424, 107.7077

Rectangle

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



70.5851, 60.3424, 89.5884



72.1325, 60.3424, 53.3251



45.8885, 60.3424, 46.4913



44.7453, 60.3424, 79.8609

Sweetspot

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



70.5869, 60.3451, 89.5897



89.3315, 89.0208, 105.5825



55.3189, 52.3700, 93.5800



19.0203, 18.8619, 22.5396



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.



70.5869, 60.3451, 89.5897



74.6560, 61.0809, 96.3404



66.5159, 58.7166, 68.1518



17.1380, 16.7381, 20.4733



27.3106, 13.2677, 37.9397



2.4206, 1.1742, 3.4413

Inverse Universe

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



70.5869, 60.3451, 89.5897



74.6560, 61.0809, 96.3404



65.7133, 80.8412, 80.5492



17.1380, 16.7381, 20.4733



27.3106, 13.2677, 37.9397



2.4206, 1.1742, 3.4413

Previews

White Background



This preview shows how the XYZ color 70.5851, 60.3424, 89.5884 looks on a white background.

Color Contrast Check

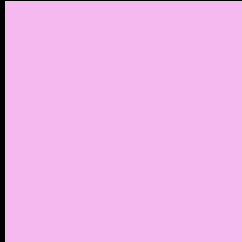
Large Text (above 18pt) WCAG AA × Fail

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 70.5851, 60.3424, 89.5884 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 70.5851, 60.3424, 89.5884

Background



This preview shows how black text looks on a background with the XYZ color 70.5851, 60.3424, 89.5884.



This preview shows how white text looks on a background with the XYZ color 70.5851, 60.3424,

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

70.5851, 60.3424, 89.5884

Protanopia

60.5254, 60.5436, 99.7628

Deuteranopia

61.8582, 60.4583, 87.7662



Tritanopia

65.7066, 60.2431, 66.5575

Trichromacy



Original Color

70.5851, 60.3424, 89.5884



Protanomaly

63.6798, 60.1923, 96.2577



Deuteranomaly

64.7020, 60.2276, 88.3357



Tritanomaly

67.4704, 60.3344, 74.4193

Monochromacy



Original Color

70.5851, 60.3424, 89.5884



Achromatopsia

60.6036, 63.7597, 69.4343



Achromatomaly

63.6967, 62.0055, 76.3212

CSS Examples

Text

The CSS property to change the color of the text to XYZ 70.5851, 60.3424, 89.5884 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, 185, 239)` looks like.

```
.text, #text, p{  
    color:rgb(245, 185, 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(245, 185, 239) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 185, 239) }
```

Border

The CSS property to change the border of an element to XYZ 70.5851, 60.3424, 89.5884 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, 185, 239) }
```


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

```
.border{ border-color:rgb(245, 185, 239) }
```

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

Here you see how a box with a 4 pixel rgb(245, 185, 239) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 185, 239); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 185, 239);  
box-shadow:4px 4px 4px 4px rgb(245, 185,  
239) }
```

Background

The CSS property to change the background color of an element to XYZ 70.5851, 60.3424, 89.5884 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 185, 239) }
```

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

```
.background{ background-color: rgb(245,  
185, 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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