

Converting Colors

XYZ(130.3265, 89.5366,
86.0417)

Have a look what the booklet for
XYZ(130.3265, 89.5366, 86.0417)
contains.

XYZ(71.7839, 59.2697, 83.2581)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(71.7839, 59.2697,
83.2581)**

Conversions

Conversions Part 1

Format	Color
Hex	FFB3E7
RGB	255, 179, 231
RGB Percent	100%, 70%, 91%
CMY	0.0000, 0.2980, 0.0941
CMYK	0.00, 0.30, 0.09, 0.00
HSL	319°, 100%, 85%
HSV	319°, 30%, 100%
XYZ	71.7839, 59.2697, 83.2581
YIQ	207.6520, 28.6040, 32.2840

Conversions

Conversions Part 2

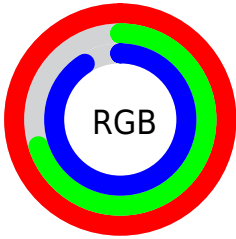
Format	Color
R _Y B	255, 179, 231
Decimal	16757735
CIE Lab	81.44, 35.34, -14.89
CIE LCh	81, 38.347, 337.153
Yxy	59.2697, 0.3350, 0.2766
Android (android.graphics.Color)	4294947815 (0xFFFFB3E7)
YUV	207.6520, 11.5106, 41.5242
Hunter-Lab	76.9868, 31.7097, -10.2289

Details

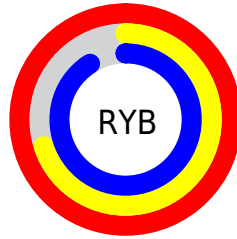
The XYZ color **71.7839, 59.2697, 83.2581** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **65.1318, 85.4164, 69.5571**, and the grayscale version is **59.6452, 62.7514, 68.3363**.

A 20% lighter version of the original color is **88.9983, 87.8967, 106.8828**, and **38.0974, 29.6327, 44.2692** is the 20% darker color. If you saturate the color by 10%, you get **66.0265, 49.5334, 75.8564**, and if you desaturate by 10%, it is **78.5413, 70.9218, 91.2529**.

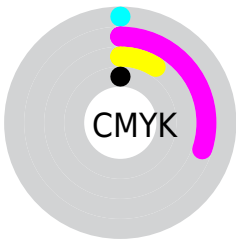
Distribution



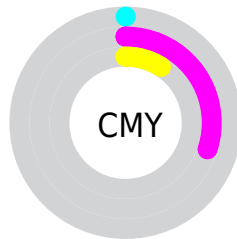
- Red (100%)
- Green (70%)
- Blue (91%)



- Red (100%)
- Yellow (70%)
- Blue (91%)



- Cyan (0%)
- Magenta (30%)
- Yellow (9%)
- Black (0%)





- Cyan (0%)
- Magenta (30%)
- Yellow (9%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 71.7839, 59.2697, 83.2581 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 71.7839, 59.2697, 83.2581 by changing the saturation by 10% instead.


 71.7839, 59.2697,
83.2581

 71.7839, 59.2697,
83.2581


455.9584,
421.9006, 525.8398

 53.2670, 42.8303,
61.8612

 120.7617,
103.7695, 139.7894

 38.2443, 29.7520,
44.4855

151.9533,
132.5987, 175.7608

 26.3504, 19.6504,
30.7124


188.1006,
166.3266, 217.4276

 17.2200, 12.1412,
20.1233

229.5688,
205.3377, 265.2082

 10.4878, 6.8399,
12.2998

276.7233,
250.0162, 319.5212

 5.7883, 3.3622,
6.8232

329.9295,

 2.7562, 1.3236,

300.7466, 380.7851

3.2750

389.5528,
357.9133, 449.4185

■ 1.0262, 0.1594,
1.2367

■ 0.0000, 0.0000,
0.0091

■ 71.7839, 59.2697,
83.2581

■ 71.7839, 59.2697,
83.2581

■ 66.0265, 49.5334,
75.8564

■ 78.5413, 70.9218,
91.2529

■ 61.2122, 41.6008,
69.0230

■ 86.3435, 84.5789,
99.8568

■ 57.2845, 35.3598,
62.7365

95.0500, 100.0000,
108.9000

■ 54.1787, 30.6823,
56.9716

■ 51.8211, 27.4221,
51.7002

■ 50.1239, 25.4048,
46.8892

■ 48.9471, 24.3516,
42.4882

■ 48.9260, 24.3344,
42.4040

Harmonies

Analogous

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



66.1766, 59.2697, 106.5523



71.7839, 59.2697, 83.2581



73.0732, 59.2697, 59.1865

Triad

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



71.7839, 59.2697, 83.2581



54.4343, 59.2697, 29.8681



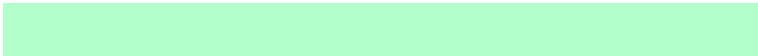
44.9090, 59.2697, 95.0725

Complementary

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



71.7839, 59.2697, 83.2581



65.1318, 85.4164, 69.5571

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.



42.3689, 59.2697, 70.1956



71.7839, 59.2697, 83.2581



47.5193, 59.2697, 35.3323

Square

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



71.7839, 59.2697, 83.2581



62.5400, 59.2697, 31.7759



43.2771, 59.2697, 48.8524



50.5529, 59.2697, 114.4262

Rectangle

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



71.7839, 59.2697, 83.2581



71.2094, 59.2697, 46.3947



43.2771, 59.2697, 48.8524



43.6895, 59.2697, 86.8763

Sweetspot

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



71.7852, 59.2722, 83.2593



87.0156, 85.7633, 100.5734



58.4754, 51.9918, 101.5612



18.3649, 17.8989, 21.2491



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.



71.7852, 59.2722, 83.2593



68.1015, 53.0170, 78.6024



67.1219, 57.4068, 58.7025



18.5342, 18.1970, 21.4302



25.6356, 12.7435, 22.5293



2.5456, 1.2606, 2.4545

Inverse Universe

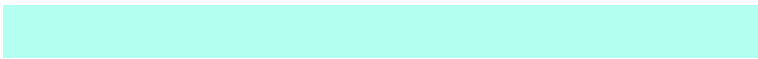
The Inverse Universe completely reimagines the original color for something new.



71.7852, 59.2722, 83.2593



68.1015, 53.0170, 78.6024



70.0504, 87.3839, 95.4580



18.5342, 18.1970, 21.4302



25.6356, 12.7435, 22.5293



2.5456, 1.2606, 2.4545

Previews

White Background



This preview shows how the XYZ color 71.7839, 59.2697, 83.2581 looks on a white background.

Color Contrast Check

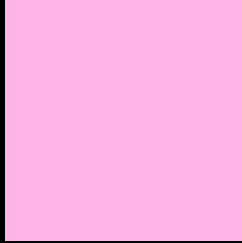
Large Text (above 18pt) WCAG AA × Fail

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 71.7839, 59.2697, 83.2581 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 71.7839, 59.2697, 83.2581

Background



This preview shows how black text looks on a background with the XYZ color 71.7839, 59.2697, 83.2581.



This preview shows how white text looks on a background with the XYZ color 71.7839, 59.2697,

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

71.7839, 59.2697, 83.2581

Protanopia

59.5135, 59.7646, 95.5878

Deuteranopia

60.8338, 59.3828, 81.6545



Tritanopia

67.4414, 59.3307, 61.9302

Trichromacy



Original Color

71.7839, 59.2697, 83.2581



Protanomaly

63.2661, 59.0897, 91.2901



Deuteranomaly

64.2349, 58.8149, 82.0956



Tritanomaly

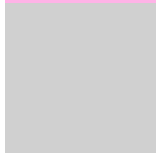
68.8362, 59.2656, 69.4394

Monochromacy



Original Color

71.7839, 59.2697, 83.2581



Achromatopsia

59.9535, 63.0757, 68.6895



Achromatomaly

63.4123, 60.8979, 73.3780

CSS Examples

Text

The CSS property to change the color of the text to XYZ 71.7839, 59.2697, 83.2581 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(255, 179, 231)` looks like.

```
.text, #text, p{  
    color:rgb(255, 179, 231)  
}
```

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(255, 179, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 179, 231) }
```

Border

The CSS property to change the border of an element to XYZ 71.7839, 59.2697, 83.2581 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(255, 179, 231) }
```


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

```
.border{ border-color:rgb(255, 179, 231) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 179, 231)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 179, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 179, 231);  
box-shadow:4px 4px 4px 4px rgb(255, 179,  
231) }
```

Background

The CSS property to change the background color of an element to XYZ 71.7839, 59.2697, 83.2581 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 179, 231) }
```

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

```
.background{ background-color: rgb(255,  
179, 231) }
```

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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