

Converting Colors

XYZ(71.1741, 59.2212, 84.7703)

Have a look what the booklet for
XYZ(71.1741, 59.2212, 84.7703)
contains.

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Color

**XYZ(71.1741, 59.2212,
84.7703)**

Conversions

Conversions Part 1

Format	Color
Hex	FCB4E9
RGB	252, 180, 233
RGB Percent	99%, 71%, 91%
CMY	0.0118, 0.2941, 0.0863
CMYK	0.00, 0.29, 0.08, 0.01
HSL	316°, 92%, 85%
HSV	316°, 29%, 99%
XYZ	71.1741, 59.2212, 84.7703
YIQ	207.5700, 25.8990, 31.7470

Conversions

Conversions Part 2

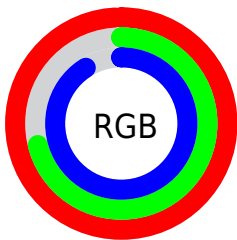
Format	Color
R _Y B	252, 180, 233
Decimal	16561385
CIE Lab	81.41, 34.16, -16.04
CIE LCh	81, 37.737, 334.854
Yxy	59.2212, 0.3308, 0.2752
Android (android.graphics.Color)	4294751465 (0xFFFCB4E9)
YUV	207.5700, 12.5370, 38.9651
Hunter-Lab	76.9553, 30.4185, -11.4423

Details

The XYZ color **71.1741, 59.2212, 84.7703** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **63.9441, 83.4493, 66.7737**, and the grayscale version is **59.5873, 62.6905, 68.2699**.

A 20% lighter version of the original color is **89.2855, 88.4709, 106.9785**, and **37.9023, 29.6981, 45.3296** is the 20% darker color. If you saturate the color by 10%, you get **65.6100, 49.5840, 78.3166**, and if you desaturate by 10%, it is **77.7024, 70.7276, 91.7234**.

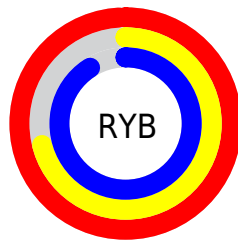
Distribution



Red (99%)

Green (71%)

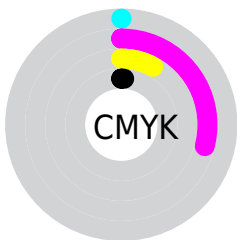
Blue (91%)



Red (99%)

Yellow (71%)

Blue (91%)

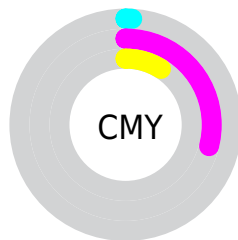


Cyan (0%)

Magenta (29%)

Yellow (8%)

Black (1%)



Cyan (1%)

Magenta (29%)

Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 71.1741, 59.2212, 84.7703 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 71.1741, 59.2212, 84.7703 by changing the saturation by 10% instead.

71.1741, 59.2212,
84.7703

71.1741, 59.2212,
84.7703

453.8642,
421.7212, 530.9924

52.7673, 42.7912,
63.1025

119.8988,
103.6991, 141.9235

37.8438, 29.7213,
45.4826

150.9474,
132.5158, 178.2461

26.0381, 19.6272,
31.4920

186.9406,
166.2301, 220.2906

16.9850, 12.1243,
20.7122

228.2439,
205.2266, 268.4757

10.3190, 6.8284,
12.7246

275.2225,
249.8895, 323.2199

5.6749, 3.3550,
7.1107

328.2419,

2.6872, 1.3198,

300.6033, 384.9417

3.4519

387.6673,
357.7524, 454.0597

■ 0.9906, 0.1564,
1.3298

■ 0.0000, 0.0000,
0.0860

■ 71.1741, 59.2212,
84.7703

■ 71.1741, 59.2212,
84.7703

■ 65.6100, 49.5840,
78.3166

■ 77.7024, 70.7276,
91.7234

■ 60.9541, 41.7077,
72.3398

■ 85.2363, 84.1880,
99.1895

■ 57.1531, 35.4848,
66.8207

■ 93.6273, 99.3045,
107.1219

■ 54.1452, 30.7930,
61.7369

■ 93.9553, 99.4357,
108.8488

■ 51.8607, 27.4929,
57.0629

■ 50.2165, 25.4195,
52.7692

■ 49.0950, 24.3382,
48.8143

■ 48.9547, 24.2194,
48.2686

Harmonies

Analogous

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



65.4142, 59.2212, 107.1294



71.1741, 59.2212, 84.7703



72.8046, 59.2212, 60.8735

Triad

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



71.1741, 59.2212, 84.7703



55.0135, 59.2212, 30.1458



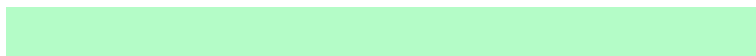
44.7299, 59.2212, 92.6470

Complementary

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



71.1741, 59.2212, 84.7703



63.9441, 83.4493, 66.7737

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.



42.4797, 59.2212, 68.2300



71.1741, 59.2212, 84.7703



48.0527, 59.2212, 34.9867

Square

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



71.1741, 59.2212, 84.7703



62.9862, 59.2212, 32.5967



43.6372, 59.2212, 47.7200



50.0823, 59.2212, 112.3717

Rectangle

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



71.1741, 59.2212, 84.7703



71.2123, 59.2212, 47.8844



43.6372, 59.2212, 47.7200



43.6096, 59.2212, 84.5297

Sweetspot

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



71.1759, 59.2239, 84.7715



87.2007, 85.8374, 101.5485



57.1833, 51.6797, 99.0577



18.4107, 17.9172, 21.4901



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.



71.1759, 59.2239, 84.7715



69.8805, 55.2091, 83.4061



66.6614, 57.4180, 60.9983



17.7860, 17.4418, 20.7288



25.5649, 12.6417, 25.4807



2.4114, 1.1883, 2.5898

Inverse Universe

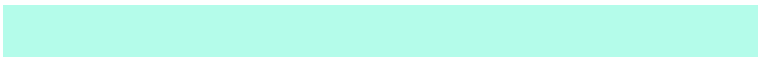
The Inverse Universe completely reimagines the original color for something new.



71.1759, 59.2239, 84.7715



69.8805, 55.2091, 83.4061



68.4862, 85.2662, 90.6921



17.7860, 17.4418, 20.7288



25.5649, 12.6417, 25.4807



2.4114, 1.1883, 2.5898

Previews

White Background



This preview shows how the XYZ color 71.1741, 59.2212, 84.7703 looks on a white background.

Color Contrast Check

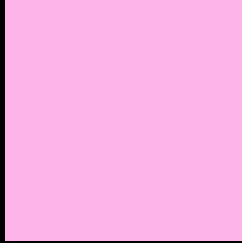
Large Text (above 18pt) WCAG AA × Fail

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 71.1741, 59.2212, 84.7703 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

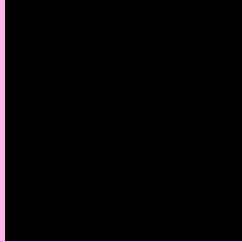
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 71.1741, 59.2212, 84.7703

Background



This preview shows how black text looks on a background with the XYZ color 71.1741, 59.2212, 84.7703.



This preview shows how white text looks on a background with the XYZ color 71.1741, 59.2212,

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

71.1741, 59.2212, 84.7703

Protanopia

59.4134, 59.6952, 96.3866

Deuteranopia

60.8275, 59.3473, 83.1121



Tritanopia

66.6956, 59.2444, 62.5637

Trichromacy



Original Color

71.1741, 59.2212, 84.7703



Protanomaly

62.8285, 58.8469, 92.0516



Deuteranomaly

64.1059, 59.0387, 83.6182



Tritanomaly

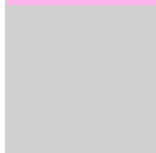
68.0911, 59.1742, 70.1203

Monochromacy



Original Color

71.1741, 59.2212, 84.7703



Achromatopsia

59.9535, 63.0757, 68.6895



Achromatomaly

63.4589, 61.2452, 74.1225

CSS Examples

Text

The CSS property to change the color of the text to XYZ 71.1741, 59.2212, 84.7703 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(252, 180, 233)` looks like.

```
.text, #text, p{  
    color:rgb(252, 180, 233)  
}
```

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(252, 180, 233) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 180, 233) }
```

Border

The CSS property to change the border of an element to XYZ 71.1741, 59.2212, 84.7703 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(252, 180, 233) }
```


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

```
.border{ border-color:rgb(252, 180, 233) }
```

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

Here you see how a box with a 4 pixel `rgb(252, 180, 233)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 180, 233); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 180, 233);  
box-shadow:4px 4px 4px 4px rgb(252, 180,  
233) }
```

Background

The CSS property to change the background color of an element to XYZ 71.1741, 59.2212, 84.7703 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 180, 233) }
```

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

```
.background{ background-color: rgb(252,  
180, 233) }
```

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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