

Converting Colors

XYZ(70.9887, 58.7916, 79.5642)

Have a look what the booklet for
XYZ(70.9887, 58.7916, 79.5642)
contains.

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Color

**XYZ(71.0876, 58.9912,
79.5912)**

Conversions

Conversions Part 1

Format	Color
Hex	FFB3E2
RGB	255, 179, 226
RGB Percent	100%, 70%, 89%
CMY	0.0000, 0.2980, 0.1137
CMYK	0.00, 0.30, 0.11, 0.00
HSL	323°, 100%, 85%
HSV	323°, 30%, 100%
XYZ	71.0876, 58.9912, 79.5912
YIQ	207.0820, 30.2090, 30.7290

Conversions

Conversions Part 2

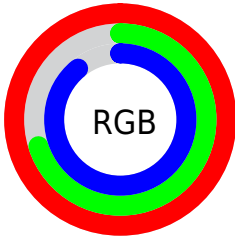
Format	Color
RYB	255, 179, 226
Decimal	16757730
CIELab	81.29, 34.52, -12.43
CIElCh	81, 36.689, 340.202
Yxy	58.9912, 0.3390, 0.2814
Android (android.graphics.Color)	4294947810 (0xFFFFB3E2)
YUV	207.0820, 9.3266, 42.0241
Hunter-Lab	76.8057, 30.8008, -7.6762

Details

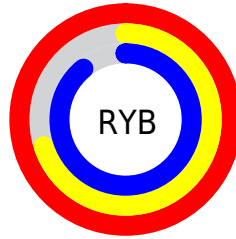
The XYZ color **71.0876, 58.9912, 79.5912** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **65.7376, 85.6587, 72.7467**, and the grayscale version is **59.2905, 62.3782, 67.9299**.

A 20% lighter version of the original color is **88.9983, 87.8967, 106.8828**, and **37.7103, 29.4778, 42.2303** is the 20% darker color. If you saturate the color by 10%, you get **65.1439, 49.1803, 71.2085**, and if you desaturate by 10%, it is **78.0547, 70.7272, 88.6905**.

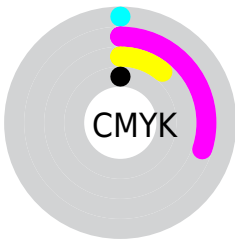
Distribution



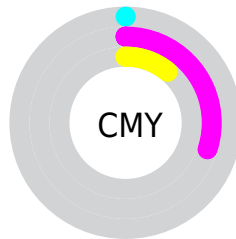
- Red (100%)
- Green (70%)
- Blue (89%)



- Red (100%)
- Yellow (70%)
- Blue (89%)



- Cyan (0%)
- Magenta (30%)
- Yellow (11%)
- Black (0%)




- Cyan (0%)
- Magenta (30%)
- Yellow (11%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 71.0876, 58.9912, 79.5912 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 71.0876, 58.9912, 79.5912 by changing the saturation by 10% instead.


 71.0876, 58.9912,
79.5912

 71.0876, 58.9912,
79.5912


453.5667,
420.8693, 513.2245

 52.6965, 42.6060,
58.8578


 119.7763,
103.3649, 134.5970

 37.7870, 29.5761,
42.0794


150.8046,
132.1222, 169.7066

 25.9939, 19.5171,
28.8374


186.7759,
165.7723, 210.4452

 16.9517, 12.0445,
18.7134

228.0558,
204.6997, 257.2316

 10.2952, 6.7740,
11.2886

275.0094,
249.2887, 310.4841

 5.6589, 3.3212,
6.1447


328.0022,

 2.6775, 1.3016,


299.9237, 370.6214


2.8631


387.3995,
356.9891, 438.0620


 0.9856, 0.1425,
1.0251


 0.0000, 0.0000,
0.0000


 71.0876, 58.9912,
79.5912


 71.0876, 58.9912,
79.5912

 65.1439, 49.1803,
71.2085


 78.0547, 70.7272,
88.6905

 60.1662, 41.1824,
63.5148

 86.0906, 84.4778,
98.5252

 56.0974, 34.8850,
56.4855

95.0500, 100.0000,
108.9000

 52.8723, 30.1598,
50.0925

■ 50.4166, 26.8603,
44.3042

■ 48.6418, 24.8120,
39.0845

■ 47.4073, 23.7357,
34.3793

■ 47.3852, 23.7181,
34.2901

Harmonies

Analogous

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



66.1155, 58.9912, 102.1008



71.0876, 58.9912, 79.5912



71.8367, 58.9912, 57.0518

Triad

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



71.0876, 58.9912, 79.5912



53.5030, 58.9912, 31.0386



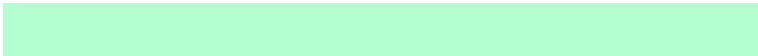
45.5633, 58.9912, 95.4592

Complementary

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



71.0876, 58.9912, 79.5912



65.7376, 85.6587, 72.7467

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.



42.7965, 58.9912, 71.9894



71.0876, 58.9912, 79.5912



47.0962, 58.9912, 37.1181

Square

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



71.0876, 58.9912, 79.5912



61.2033, 58.9912, 32.1761



43.3309, 58.9912, 50.9869



51.2309, 58.9912, 112.6097

Rectangle

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



71.0876, 58.9912, 79.5912



69.7747, 58.9912, 45.2763



43.3309, 58.9912, 50.9869



44.2876, 58.9912, 87.8524

Sweetspot

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



71.0889, 58.9937, 79.5924



86.7825, 85.6701, 99.3460



59.8673, 52.7094, 101.6263



18.3074, 17.8759, 20.9460



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.



71.0889, 58.9937, 79.5924



67.2870, 52.6912, 74.3130



66.5617, 57.1828, 55.7522



18.4816, 18.1760, 21.1534



24.8349, 12.4232, 18.3128



2.4714, 1.2309, 2.0638

Inverse Universe

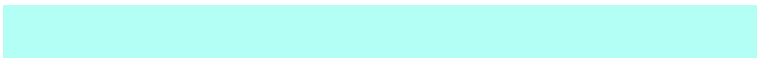
The Inverse Universe completely reimagines the original color for something new.



71.0889, 58.9937, 79.5924



67.2870, 52.6912, 74.3130



70.8130, 87.6889, 99.4736



18.4816, 18.1760, 21.1534



24.8349, 12.4232, 18.3128



2.4714, 1.2309, 2.0638

Previews

White Background



This preview shows how the XYZ color 71.0876, 58.9912, 79.5912 looks on a white background.

Color Contrast Check

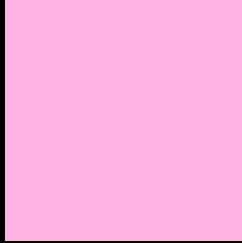
Large Text (above 18pt) WCAG AA × Fail

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 71.0876, 58.9912, 79.5912 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

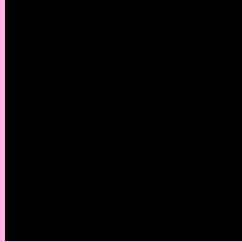
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 71.0876, 58.9912, 79.5912

Background



This preview shows how black text looks on a background with the XYZ color 71.0876, 58.9912, 79.5912.



This preview shows how white text looks on a background with the XYZ color 71.0876, 58.9912,

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

71.0876, 58.9912, 79.5912

Protanopia

58.8630, 59.5339, 90.8269

Deuteranopia

60.7261, 59.4064, 78.0780



Tritanopia

67.4784, 59.0536, 61.2681

Trichromacy



Original Color

71.0876, 58.9912, 79.5912



Protanomaly

62.3843, 58.7370, 86.6466



Deuteranomaly

63.8629, 58.7027, 78.4858



Tritanomaly

68.6211, 58.8926, 67.4252

Monochromacy



Original Color

71.0876, 58.9912, 79.5912



Achromatopsia

59.3074, 62.3960, 67.9493



Achromatomaly

62.8443, 60.6348, 72.0098

CSS Examples

Text

The CSS property to change the color of the text to XYZ 71.0876, 58.9912, 79.5912 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, 226)` looks like.

```
.text, #text, p{  
    color:rgb(255, 179, 226)  
}
```

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, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 179, 226) }
```

Border

The CSS property to change the border of an element to XYZ 71.0876, 58.9912, 79.5912 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, 226) }
```


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

```
.border{ border-color:rgb(255, 179, 226) }
```

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, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 179, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 179, 226);  
box-shadow:4px 4px 4px 4px rgb(255, 179,  
226) }
```

Background

The CSS property to change the background color of an element to XYZ 71.0876, 58.9912, 79.5912 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, 226) }
```

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

```
.background{ background-color: rgb(255,  
179, 226) }
```

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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