

Converting Colors

XYZ(71.9185, 60.7608, 79.5432)

Have a look what the booklet for
XYZ(71.9185, 60.7608, 79.5432)
contains.

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Color

**XYZ(71.9010, 60.6180,
79.8623)**

Conversions

Conversions Part 1

Format	Color
Hex	FFB7E2
RGB	255, 183, 226
RGB Percent	100%, 72%, 89%
CMY	0.0000, 0.2823, 0.1137
CMYK	0.00, 0.28, 0.11, 0.00
HSL	324°, 100%, 86%
HSV	324°, 28%, 100%
XYZ	71.9010, 60.6180, 79.8623
YIQ	209.4300, 29.1090, 28.6370

Conversions

Conversions Part 2

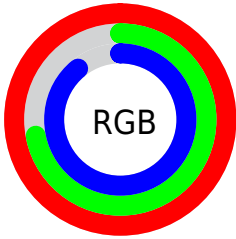
Format	Color
R _{YB}	255, 183, 226
Decimal	16758754
CIE Lab	82.17, 32.43, -11.10
CIE LCh	82, 34.273, 341.097
Yxy	60.6180, 0.3385, 0.2854
Android (android.graphics.Color)	4294948834 (0xFFFFB7E2)
YUV	209.4300, 8.1690, 39.9649
Hunter-Lab	77.8576, 28.5930, -6.3164

Details

The XYZ color **71.9010, 60.6180, 79.8623** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **67.1742, 86.3417, 75.4158**, and the grayscale version is **60.8214, 63.9889, 69.6839**.

A 20% lighter version of the original color is **90.4501, 90.8002, 107.3667**, and **38.2269, 30.5111, 42.4025** is the 20% darker color. If you saturate the color by 10%, you get **65.7425, 50.4894, 71.0631**, and if you desaturate by 10%, it is **79.0994, 72.6909, 89.4263**.

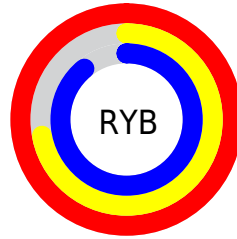
Distribution



Red (100%)

Green (72%)

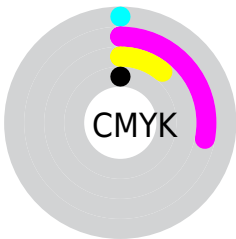
Blue (89%)



Red (100%)

Yellow (72%)

Blue (89%)

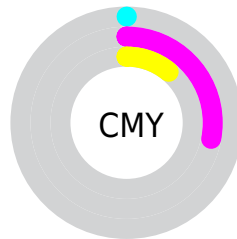


Cyan (0%)

Magenta (28%)

Yellow (11%)

Black (0%)



Cyan (0%)


Magenta (28%)


Yellow (11%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 71.9010, 60.6180, 79.8623 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 71.9010, 60.6180, 79.8623 by changing the saturation by 10% instead.


 71.9010, 60.6180,
79.8623

 71.9010, 60.6180,
79.8623

456.3599,
426.8720, 514.1632

 53.3630, 43.9170,
59.0795


 120.9273,
105.7256, 134.9818

 38.3213, 30.6052,
42.2567

152.1464,
134.9010, 170.1556

 26.4105, 20.2984,
28.9753


188.3231,
169.0033, 210.9634

 17.2653, 12.6122,
18.8167

229.8229,
208.4169, 257.8240

 10.5203, 7.1620,
11.3624

277.0111,
253.5261, 311.1557

 5.8101, 3.5636,
6.1939

330.2531,

 2.7695, 1.4326,

304.7155, 371.3771

2.8927

389.9143,
362.3693, 438.9067

■ 1.0331, 0.2406,
1.0401

■ 0.0000, 0.0000,
0.0000

■ 71.9010, 60.6180,
79.8623

■ 71.9010, 60.6180,
79.8623

■ 65.7425, 50.4894,
71.0631

■ 79.0994, 72.6909,
89.4263

■ 60.5670, 42.1941,
63.0002

■ 87.3827, 86.7964,
99.7748

■ 56.3178, 35.6213,
55.6481

95.0500, 100.0000,
108.9000

■ 52.9309, 30.6450,
48.9776

■ 50.3333, 27.1219,
42.9568

■ 48.4390, 24.8827,
37.5487

■ 47.1301, 23.6943,
32.7058

■ 46.9310, 23.5364,
31.8985

Harmonies

Analogous

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



67.3167, 60.6180, 101.0622



71.9010, 60.6180, 79.8623



72.4742, 60.6180, 58.5825

Triad

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



71.9010, 60.6180, 79.8623



54.9628, 60.6180, 33.9584



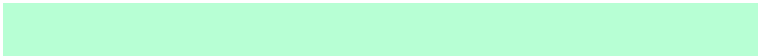
47.6964, 60.6180, 96.0215

Complementary

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



71.9010, 60.6180, 79.8623



67.1742, 86.3417, 75.4158

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.



44.9407, 60.6180, 74.0244



71.9010, 60.6180, 79.8623



48.8944, 60.6180, 40.1642

Square

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



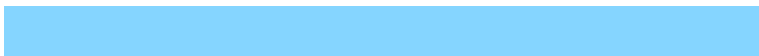
71.9010, 60.6180, 79.8623



62.2710, 60.6180, 34.8735



45.3599, 60.6180, 53.8472



53.1982, 60.6180, 111.6646

Rectangle

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



71.9010, 60.6180, 79.8623



70.4540, 60.6180, 47.3848



45.3599, 60.6180, 53.8472



46.4400, 60.6180, 88.9520

Sweetspot

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



71.9024, 60.6205, 79.8635



87.5889, 87.1499, 100.0253



62.0795, 55.0574, 101.9629



18.4648, 18.1692, 21.0647



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.



71.9024, 60.6205, 79.8635



68.2266, 54.5476, 74.6968



67.4915, 58.8562, 56.6362



18.4648, 18.1692, 21.0647



24.5983, 12.3286, 17.0670



2.4491, 1.2220, 1.9466

Inverse Universe

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



71.9024, 60.6205, 79.8635



68.2266, 54.5476, 74.6968



72.2022, 88.3530, 101.8932



18.4648, 18.1692, 21.0647



24.5983, 12.3286, 17.0670



2.4491, 1.2220, 1.9466

Previews

White Background



This preview shows how the XYZ color 71.9010, 60.6180, 79.8623 looks on a white background.

Color Contrast Check

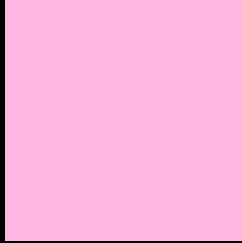
Large Text (above 18pt) WCAG AA × Fail

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 71.9010, 60.6180, 79.8623 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

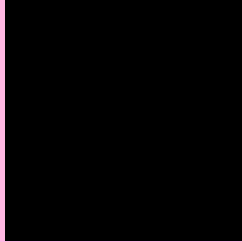
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 71.9010, 60.6180, 79.8623

Background



This preview shows how black text looks on a background with the XYZ color 71.9010, 60.6180, 79.8623.



This preview shows how white text looks on a background with the XYZ color 71.9010, 60.6180,

79.8623.

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

71.9010, 60.6180, 79.8623

Protanopia

60.2246, 60.9496, 90.2516

Deuteranopia

62.0616, 60.7735, 78.2715



Tritanopia

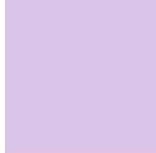
68.5759, 60.5004, 63.9405

Trichromacy



Original Color

71.9010, 60.6180, 79.8623



Protanomaly

63.8046, 60.4804, 86.1529



Deuteranomaly

65.1576, 60.3447, 78.7345



Tritanomaly

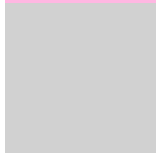
69.8248, 60.7036, 69.6648

Monochromacy



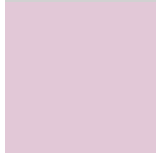
Original Color

71.9010, 60.6180, 79.8623



Achromatopsia

60.6036, 63.7597, 69.4343



Achromatomaly

64.2840, 62.3836, 72.9431

CSS Examples

Text

The CSS property to change the color of the text to XYZ 71.9010, 60.6180, 79.8623 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, 183, 226)` looks like.

```
.text, #text, p{  
    color:rgb(255, 183, 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, 183, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 183, 226) }
```

Border

The CSS property to change the border of an element to XYZ 71.9010, 60.6180, 79.8623 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, 183, 226) }
```


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

```
.border{ border-color:rgb(255, 183, 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, 183, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 183, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 183, 226);  
box-shadow:4px 4px 4px 4px rgb(255, 183,  
226) }
```

Background

The CSS property to change the background color of an element to XYZ 71.9010, 60.6180, 79.8623 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 183, 226) }
```

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

```
.background{ background-color: rgb(255,  
183, 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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