

Converting Colors

XYZ(70.7137, 59.5039, 75.5805)

Have a look what the booklet for
XYZ(70.7137, 59.5039, 75.5805)
contains.

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Color

**XYZ(70.6821, 59.4751,
75.4646)**

Conversions

Conversions Part 1

Format	Color
Hex	FFB5DC
RGB	255, 181, 220
RGB Percent	100%, 71%, 86%
CMY	0.0000, 0.2902, 0.1373
CMYK	0.00, 0.29, 0.14, 0.00
HSL	328°, 100%, 85%
HSV	328°, 29%, 100%
XYZ	70.6821, 59.4751, 75.4646
YIQ	207.5720, 31.5850, 27.8170

Conversions

Conversions Part 2

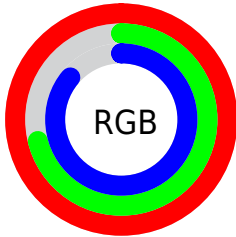
Format	Color
R _Y B	255, 181, 220
Decimal	16758236
CIE Lab	81.55, 32.51, -8.80
CIE LCh	82, 33.682, 344.854
Yxy	59.4751, 0.3437, 0.2892
Android (android.graphics.Color)	4294948316 (0xFFFFB5DC)
YUV	207.5720, 6.1270, 41.5944
Hunter-Lab	77.1201, 28.6386, -4.0332

Details

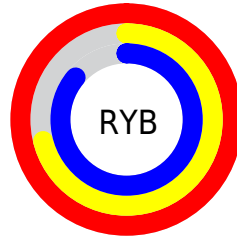
The XYZ color **70.6821, 59.4751, 75.4646** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **67.2129, 86.3027, 78.0849**, and the grayscale version is **59.6260, 62.7312, 68.3142**.

A 20% lighter version of the original color is **89.5742, 89.0484, 107.0747**, and **37.4069, 29.7657, 39.3711** is the 20% darker color. If you saturate the color by 10%, you get **64.4235, 49.4227, 65.7796**, and if you desaturate by 10%, it is **78.0078, 71.4765, 86.0754**.

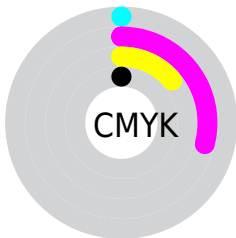
Distribution



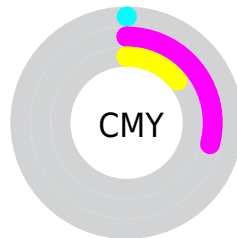
- Red (100%)
- Green (71%)
- Blue (86%)



- Red (100%)
- Yellow (71%)
- Blue (86%)



- Cyan (0%)
- Magenta (29%)
- Yellow (14%)
- Black (0%)



- Cyan (0%)
- Magenta (29%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 70.6821, 59.4751, 75.4646 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 70.6821, 59.4751, 75.4646 by changing the saturation by 10% instead.

70.6821, 59.4751,
75.4646

70.6821, 59.4751,
75.4646

452.1705,
422.6603, 498.8109

52.3644, 42.9957,
55.4896

119.2019,
104.0679, 128.7229

37.5211, 29.8817,
39.3926

150.1348,
132.9500, 162.8433

25.7867, 19.7488,
26.7551

186.0034,
166.7352, 202.5159

16.7960, 12.2126,
17.1586

227.1732,
205.8078, 248.1593

10.1835, 6.8886,
10.1845

274.0094,
250.5522, 300.1919

5.5840, 3.3926,
5.4142

326.8775,

2.6321, 1.3399,

301.3528, 359.0324

2.4293

386.1427,
358.5940, 425.0992

■ 0.9623, 0.1718,
0.8024

■ 0.0000, 0.0000,
0.0000

■ 70.6821, 59.4751,
75.4646

■ 70.6821, 59.4751,
75.4646

■ 64.4235, 49.4227,
65.7796

■ 78.0078, 71.4765,
86.0754

■ 59.1734, 41.2069,
56.9868

■ 86.4464, 85.5160,
97.6367

■ 54.8740, 34.7159,
49.0554

95.0500, 100.0000,
108.9000

■ 51.4593, 29.8220,
41.9506

■ 48.8547, 26.3800,
35.6343

■ 46.9716, 24.2173,
30.0634

■ 45.6807, 23.0798,
25.1802

■ 45.5700, 22.9920,
24.7315

Harmonies

Analogous

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



66.6621, 59.4751, 96.4393



70.6821, 59.4751, 75.4646



70.7029, 59.4751, 55.2878

Triad

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



70.6821, 59.4751, 75.4646



53.1178, 59.4751, 33.9625



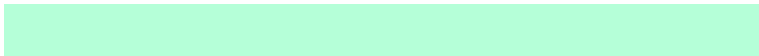
47.4356, 59.4751, 96.2566

Complementary

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



70.6821, 59.4751, 75.4646



67.2129, 86.3027, 78.0849

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.



44.3890, 59.4751, 75.2528



70.6821, 59.4751, 75.4646



47.4791, 59.4751, 40.9081

Square

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



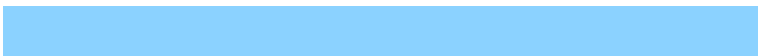
70.6821, 59.4751, 75.4646



60.1535, 59.4751, 33.9958



44.4043, 59.4751, 55.1157



53.0537, 59.4751, 110.0393

Rectangle

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



70.6821, 59.4751, 75.4646



68.4259, 59.4751, 44.9718



44.4043, 59.4751, 55.1157



46.0983, 59.4751, 89.6339

Sweetspot

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



70.6836, 59.4777, 75.4658



86.4618, 85.5418, 97.6574



62.7574, 54.7988, 101.8773



18.2283, 17.8442, 20.5297



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.



70.6836, 59.4777, 75.4658



66.8138, 53.2348, 69.5616



66.3617, 57.7489, 52.7072



18.4094, 18.1471, 20.7729



23.8874, 12.0443, 13.3236



2.3811, 1.1948, 1.5881

Inverse Universe

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



70.6836, 59.4777, 75.4658



66.8138, 53.2348, 69.5616



72.4729, 88.4067, 105.7838



18.4094, 18.1471, 20.7729



23.8874, 12.0443, 13.3236



2.3811, 1.1948, 1.5881

Previews

White Background



This preview shows how the XYZ color 70.6821, 59.4751, 75.4646 looks on a white background.

Color Contrast Check

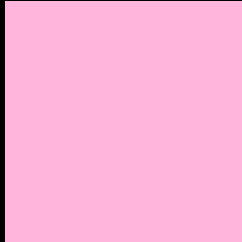
Large Text (above 18pt) WCAG AA × Fail

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 70.6821, 59.4751, 75.4646 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 70.6821, 59.4751, 75.4646

Background



This preview shows how black text looks on a background with the XYZ color 70.6821, 59.4751, 75.4646.



This preview shows how white text looks on a background with the XYZ color 70.6821, 59.4751,

75.4646.

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

70.6821, 59.4751, 75.4646

Protanopia

58.8833, 59.6622, 85.5033

Deuteranopia

60.8095, 59.5412, 73.9332



Tritanopia

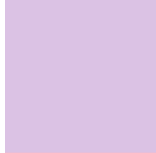
67.8026, 59.5169, 61.9472

Trichromacy



Original Color

70.6821, 59.4751, 75.4646



Protanomaly

62.5088, 59.2451, 81.5397



Deuteranomaly

63.9188, 59.1466, 74.3772



Tritanomaly

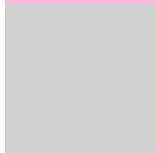
68.9110, 59.6686, 66.9167

Monochromacy



Original Color

70.6821, 59.4751, 75.4646



Achromatopsia

59.9535, 63.0757, 68.6895



Achromatomaly

63.1291, 61.1492, 70.7631

CSS Examples

Text

The CSS property to change the color of the text to XYZ 70.6821, 59.4751, 75.4646 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, 181, 220)` looks like.

```
.text, #text, p{  
    color:rgb(255, 181, 220)  
}
```

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, 181, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 181, 220) }
```

Border

The CSS property to change the border of an element to XYZ 70.6821, 59.4751, 75.4646 is called "border". The border property can be set on classes, ids or directly on the HTML element.

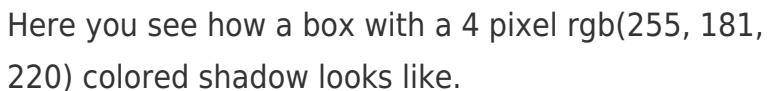
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(255, 181, 220) }
```


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

```
.border{ border-color:rgb(255, 181, 220) }
```

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



Here you see how a box with a 4 pixel `rgb(255, 181, 220)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 181, 220); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 181, 220); box-shadow:4px 4px 4px 4px rgb(255, 181, 220) }
```

Background

The CSS property to change the background color of an element to XYZ 70.6821, 59.4751, 75.4646 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 181, 220) }
```

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

```
.background{ background-color: rgb(255,  
181, 220) }
```

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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