

Converting Colors

XYZ(97.0114, 73.0004, 82.4244)

Have a look what the booklet for
XYZ(97.0114, 73.0004, 82.4244)
contains.

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Color

**XYZ(71.7675, 59.9092,
81.1799)**

Conversions

Conversions Part 1

Format	Color
Hex	FFB5E4
RGB	255, 181, 228
RGB Percent	100%, 71%, 89%
CMY	0.0000, 0.2902, 0.1059
CMYK	0.00, 0.29, 0.11, 0.00
HSL	322°, 100%, 85%
HSV	322°, 29%, 100%
XYZ	71.7675, 59.9092, 81.1799
YIQ	208.4840, 29.0170, 30.3050

Conversions

Conversions Part 2

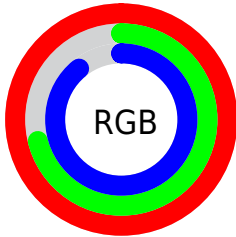
Format	Color
R_{YB}	255, 181, 228
Decimal	16758244
CIE _{Lab}	81.79, 33.80, -12.75
CIE _{LCh}	82, 36.124, 339.329
Yxy	59.9092, 0.3372, 0.2815
Android (android.graphics.Color)	4294948324 (0xFFFFB5E4)
YUV	208.4840, 9.6214, 40.7945
Hunter-Lab	77.4010, 30.0563, -8.0039

Details

The XYZ color **71.7675, 59.9092, 81.1799** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **66.2032, 85.8988, 72.7685**, and the grayscale version is **60.1959, 63.3308, 68.9672**.

A 20% lighter version of the original color is **89.5742, 89.0484, 107.0747**, and **38.1582, 30.0662, 43.3274** is the 20% darker color. If you saturate the color by 10%, you get **65.7920, 49.9700, 72.9863**, and if you desaturate by 10%, it is **78.7641, 71.7789, 90.0584**.

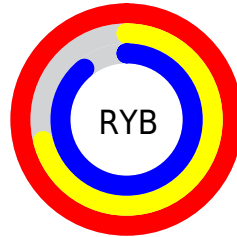
Distribution



Red (100%)

Green (71%)

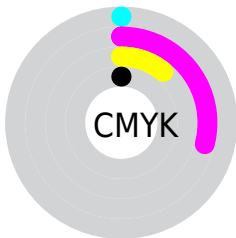
Blue (89%)



Red (100%)

Yellow (71%)

Blue (89%)

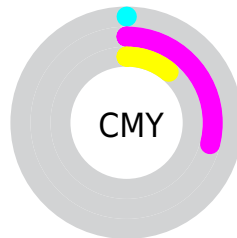


Cyan (0%)

Magenta (29%)

Yellow (11%)

Black (0%)



Cyan (0%)

Magenta (29%)


Yellow (11%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 71.7675, 59.9092, 81.1799 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 71.7675, 59.9092, 81.1799 by changing the saturation by 10% instead.


 71.7675, 59.9092,
81.1799

 71.7675, 59.9092,
81.1799


455.9021,
424.2630, 518.7116

 53.2536, 43.3455,
60.1579


 120.7385,
104.6979, 136.8497

 38.2335, 30.1563,
43.1198

151.9263,
133.6917, 172.3346

 26.3420, 19.9572,
29.6470


188.0694,
167.5976, 213.4775

 17.2137, 12.3640,
19.3210

229.5332,
206.8001, 260.6970

 10.4832, 6.9921,
11.7233

276.6830,
251.6834, 314.4116

 5.7852, 3.4571,
6.4353


329.8842,


 2.7543, 1.3748,


302.6321, 375.0399


3.0385


389.5021,
360.0305, 443.0004


 1.0252, 0.1980,
1.1143


 0.0000, 0.0000,
0.0000


 71.7675, 59.9092,
81.1799

 71.7675, 59.9092,
81.1799

 65.7920, 49.9700,
72.9863


 78.7641, 71.7789,
90.0584

 60.7807, 41.8498,
65.4509

 86.8267, 85.6679,
99.6398

 56.6770, 35.4371,
58.5503

95.0500, 100.0000,
108.9000

 53.4166, 30.6049,
52.2574

■ 50.9260, 27.2085,
46.5419

■ 49.1186, 25.0761,
41.3691

■ 47.8664, 23.9541,
36.6902

■ 47.7577, 23.8671,
36.2516

Harmonies

Analogous

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



66.7336, 59.9092, 103.3363



71.7675, 59.9092, 81.1799



72.6449, 59.9092, 58.6677

Triad

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



71.7675, 59.9092, 81.1799



54.6015, 59.9092, 31.9876



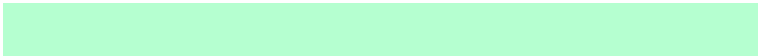
46.3514, 59.9092, 95.5759

Complementary

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



71.7675, 59.9092, 81.1799



66.2032, 85.8988, 72.7685

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.



43.6824, 59.9092, 72.2663



71.7675, 59.9092, 81.1799



48.1581, 59.9092, 37.8762

Square

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



71.7675, 59.9092, 81.1799



62.2680, 59.9092, 33.3400



44.3131, 59.9092, 51.5210



51.9285, 59.9092, 112.8503

Rectangle

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



71.7675, 59.9092, 81.1799



70.6832, 59.9092, 46.7733



44.3131, 59.9092, 51.5210



45.1080, 59.9092, 87.9993

Sweetspot

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



71.7688, 59.9117, 81.1811



86.8415, 85.6937, 99.6569



60.2804, 53.5217, 101.7614



18.3219, 17.8817, 21.0227



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.



71.7688, 59.9117, 81.1811



68.0740, 53.7389, 76.1978



67.2912, 58.1206, 57.6020



18.4949, 18.1813, 21.2235



25.0287, 12.5008, 19.3334



2.4895, 1.2382, 2.1591

Inverse Universe

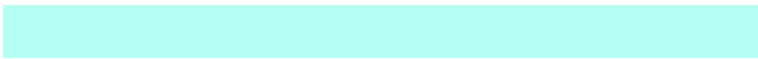
The Inverse Universe completely reimagines the original color for something new.



71.7688, 59.9117, 81.1811



68.0740, 53.7389, 76.1978



71.1315, 87.8701, 98.7207



18.4949, 18.1813, 21.2235



25.0287, 12.5008, 19.3334



2.4895, 1.2382, 2.1591

Previews

White Background



This preview shows how the XYZ color 71.7675, 59.9092, 81.1799 looks on a white background.

Color Contrast Check

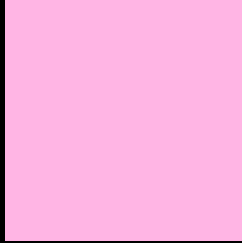
Large Text (above 18pt) WCAG AA × Fail

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 71.7675, 59.9092, 81.1799 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 71.7675, 59.9092, 81.1799

Background



This preview shows how black text looks on a background with the XYZ color 71.7675, 59.9092, 81.1799.



This preview shows how white text looks on a background with the XYZ color 71.7675, 59.9092,

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

71.7675, 59.9092, 81.1799

Protanopia

59.9125, 60.3876, 92.5027

Deuteranopia

61.5162, 60.1206, 79.5963



Tritanopia

68.1291, 59.9834, 62.6307

Trichromacy



Original Color

71.7675, 59.9092, 81.1799



Protanomaly

63.1931, 59.4497, 88.2651



Deuteranomaly

64.8902, 59.8483, 80.0833



Tritanomaly

69.2814, 59.8168, 68.8670

Monochromacy



Original Color

71.7675, 59.9092, 81.1799



Achromatopsia

59.9535, 63.0757, 68.6895



Achromatomaly

63.5112, 61.3020, 72.7751

CSS Examples

Text

The CSS property to change the color of the text to XYZ 71.7675, 59.9092, 81.1799 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, 228)` looks like.

```
.text, #text, p{  
    color:rgb(255, 181, 228)  
}
```

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, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 181, 228) }
```

Border

The CSS property to change the border of an element to XYZ 71.7675, 59.9092, 81.1799 is called "border". The border property can be set on classes, ids or directly on the HTML element.

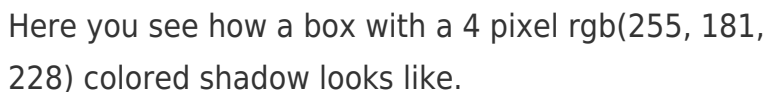
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(255, 181, 228) }
```


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

```
.border{ border-color:rgb(255, 181, 228) }
```

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, 228)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 181, 228); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 181, 228); box-shadow:4px 4px 4px 4px rgb(255, 181, 228) }
```

Background

The CSS property to change the background color of an element to XYZ 71.7675, 59.9092, 81.1799 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, 228) }
```

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

```
.background{ background-color: rgb(255,  
181, 228) }
```

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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