

Converting Colors

XYZ(71.4902, 58.9922, 82.2047)

Have a look what the booklet for
XYZ(71.4902, 58.9922, 82.2047)
contains.

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Color

**XYZ(71.6430, 59.2134,
82.5162)**

Conversions

Conversions Part 1

Format	Color
Hex	FFB3E6
RGB	255, 179, 230
RGB Percent	100%, 70%, 90%
CMY	0.0000, 0.2980, 0.0980
CMYK	0.00, 0.30, 0.10, 0.00
HSL	320°, 100%, 85%
HSV	320°, 30%, 100%
XYZ	71.6430, 59.2134, 82.5162
YIQ	207.5380, 28.9250, 31.9730

Conversions

Conversions Part 2

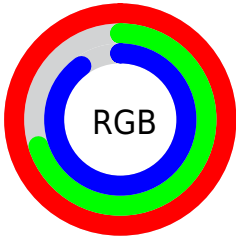
Format	Color
R _Y B	255, 179, 230
Decimal	16757734
CIE Lab	81.41, 35.17, -14.40
CIE LCh	81, 38.006, 337.740
Yxy	59.2134, 0.3358, 0.2775
Android (android.graphics.Color)	4294947814 (0xFFFFB3E6)
YUV	207.5380, 11.0738, 41.6242
Hunter-Lab	76.9502, 31.5260, -9.7134

Details

The XYZ color **71.6430, 59.2134, 82.5162** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **65.2515, 85.4643, 70.1871**, and the grayscale version is **59.5742, 62.6767, 68.2549**.

A 20% lighter version of the original color is **88.9983, 87.8967, 106.8828**, and **37.9996, 29.5935, 43.7537** is the 20% darker color. If you saturate the color by 10%, you get **65.8472, 49.4617, 74.9118**, and if you desaturate by 10%, it is **78.4433, 70.8827, 90.7366**.

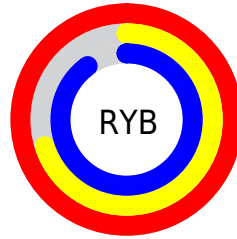
Distribution



Red (100%)

Green (70%)

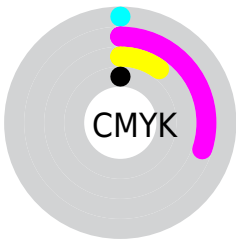
Blue (90%)



Red (100%)

Yellow (70%)

Blue (90%)

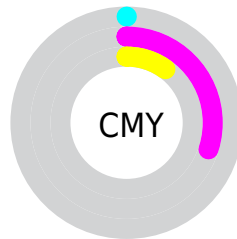


Cyan (0%)

Magenta (30%)

Yellow (10%)

Black (0%)



Cyan (0%)


Magenta (30%)


Yellow (10%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 71.6430, 59.2134, 82.5162 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 71.6430, 59.2134, 82.5162 by changing the saturation by 10% instead.


 71.6430, 59.2134,
82.5162

 71.6430, 59.2134,
82.5162


455.4750,
421.6923, 523.3014

 53.1515, 42.7849,
61.2528


 120.5624,
103.6878, 138.7408

 38.1517, 29.7164,
43.9974

151.7210,
132.5024, 174.5392

 26.2782, 19.6234,
30.3313


187.8327,
166.2146, 216.0195

 17.1657, 12.1216,
19.8360

229.2629,
205.2087, 263.6005

 10.4487, 6.8266,
12.0930

276.3768,
249.8692, 317.7007

 5.7620, 3.3539,
6.6837

329.5399,

 2.7402, 1.3191,

300.5803, 378.7385

3.1897

389.1175,
357.7265, 447.1326

■ 1.0179, 0.1560,
1.1923

■ 0.0000, 0.0000,
0.0000

■ 71.6430, 59.2134,
82.5162

■ 71.6430, 59.2134,
82.5162

■ 65.8472, 49.4617,
74.9118

■ 78.4433, 70.8827,
90.7366

■ 60.9987, 41.5154,
67.8983

■ 86.2928, 84.5587,
99.5895

■ 57.0409, 35.2624,
61.4535

95.0500, 100.0000,
108.9000

■ 53.9091, 30.5745,
55.5519

■ 51.5295, 27.3055,
50.1647

■ 49.8142, 25.2809,
45.2582

■ 48.6231, 24.2220,
40.7816

■ 48.6017, 24.2047,
40.6960

Harmonies

Analogous

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



66.1631, 59.2134, 105.6509



71.6430, 59.2134, 82.5162



72.8237, 59.2134, 58.7563

Triad

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



71.6430, 59.2134, 82.5162



54.2472, 59.2134, 30.1001



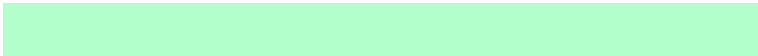
45.0390, 59.2134, 95.1466

Complementary

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



71.6430, 59.2134, 82.5162



65.2515, 85.4643, 70.1871

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.



42.4541, 59.2134, 70.5496



71.6430, 59.2134, 82.5162



47.4346, 59.2134, 35.6844

Square

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



71.6430, 59.2134, 82.5162



62.2709, 59.2134, 31.8563



43.2880, 59.2134, 49.2732



50.6873, 59.2134, 114.0580

Rectangle

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



71.6430, 59.2134, 82.5162



70.9201, 59.2134, 46.1706



43.2880, 59.2134, 49.2732



43.8084, 59.2134, 87.0680

Sweetspot

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



71.6444, 59.2159, 82.5174



86.9688, 85.7446, 100.3271



58.8192, 52.1691, 101.5773



18.3534, 17.8943, 21.1882



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.



71.6444, 59.2159, 82.5174



67.9363, 52.9509, 77.7321



66.9801, 57.3502, 57.9555



18.5236, 18.1928, 21.3747



25.4673, 12.6762, 21.6428



2.5301, 1.2544, 2.3731

Inverse Universe

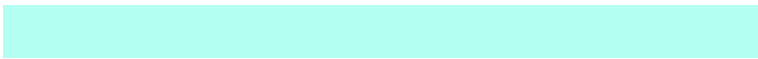
The Inverse Universe completely reimagines the original color for something new.



71.6444, 59.2159, 82.5174



67.9363, 52.9509, 77.7321



70.2391, 87.4594, 96.4515



18.5236, 18.1928, 21.3747



25.4673, 12.6762, 21.6428



2.5301, 1.2544, 2.3731

Previews

White Background



This preview shows how the XYZ color 71.6430, 59.2134, 82.5162 looks on a white background.

Color Contrast Check

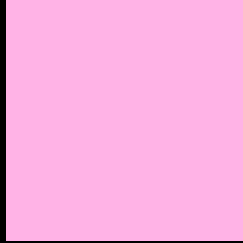
Large Text (above 18pt) WCAG AA × Fail

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 71.6430, 59.2134, 82.5162 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

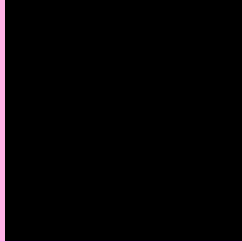
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 71.6430, 59.2134, 82.5162

Background



This preview shows how black text looks on a background with the XYZ color 71.6430, 59.2134, 82.5162.



This preview shows how white text looks on a background with the XYZ color 71.6430, 59.2134,

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

71.6430, 59.2134, 82.5162

Protanopia

59.2081, 59.6424, 93.9795

Deuteranopia

60.6953, 59.3274, 80.9254



Tritanopia

67.4414, 59.3307, 61.9302

Trichromacy



Original Color

71.6430, 59.2134, 82.5162



Protanomaly

62.9689, 58.9709, 89.7251



Deuteranomaly

64.0956, 58.7592, 81.3623



Tritanomaly

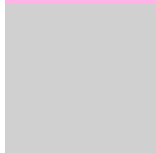
68.7112, 59.2156, 68.7810

Monochromacy



Original Color

71.6430, 59.2134, 82.5162



Achromatopsia

59.9535, 63.0757, 68.6895



Achromatomaly

63.4123, 60.8979, 73.3780

CSS Examples

Text

The CSS property to change the color of the text to XYZ 71.6430, 59.2134, 82.5162 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, 230)` looks like.

```
.text, #text, p{  
    color:rgb(255, 179, 230)  
}
```

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, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 179, 230) }
```

Border

The CSS property to change the border of an element to XYZ 71.6430, 59.2134, 82.5162 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, 230) }
```


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

```
.border{ border-color:rgb(255, 179, 230) }
```

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, 230)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 179, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 179, 230);  
box-shadow:4px 4px 4px 4px rgb(255, 179,  
230) }
```

Background

The CSS property to change the background color of an element to XYZ 71.6430, 59.2134, 82.5162 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, 230) }
```

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

```
.background{ background-color: rgb(255,  
179, 230) }
```

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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