

Converting Colors

XYZ(122.8131, 84.5877,
97.0771)

Have a look what the booklet for
XYZ(122.8131, 84.5877, 97.0771)
contains.

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Color

**XYZ(73.5967, 59.3581,
94.7671)**

Conversions

Conversions Part 1

Format	Color
Hex	FFB1F6
RGB	255, 177, 246
RGB Percent	100%, 69%, 96%
CMY	0.0000, 0.3059, 0.0353
CMYK	0.00, 0.31, 0.04, 0.00
HSL	307°, 100%, 85%
HSV	307°, 31%, 100%
XYZ	73.5967, 59.3581, 94.7671
YIQ	208.1880, 24.3390, 37.9950

Conversions

Conversions Part 2

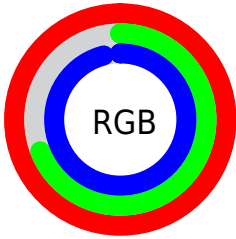
Format	Color
R_{YB}	255, 177, 246
Decimal	16757238
CIE _{Lab}	81.49, 38.93, -22.87
CIE _{LCh}	81, 45.152, 329.566
Yxy	59.3581, 0.3232, 0.2607
Android (android.graphics.Color)	4294947318 (0xFFFFB1F6)
YUV	208.1880, 18.6413, 41.0541
Hunter-Lab	77.0442, 35.6853, -18.9979

Details

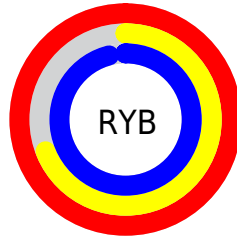
The XYZ color **73.5967, 59.3581, 94.7671** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **62.7562, 84.4132, 59.4428**, and the grayscale version is **59.9493, 63.0713, 68.6847**.

A 20% lighter version of the original color is **88.4289, 86.7578, 106.6930**, and **39.4032, 29.7539, 52.3815** is the 20% darker color. If you saturate the color by 10%, you get **68.5748, 50.0310, 90.8833**, and if you desaturate by 10%, it is **79.5694, 70.5748, 99.0047**.

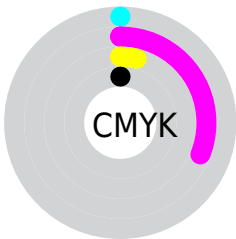
Distribution



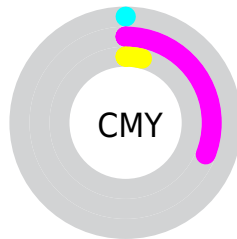
- Red (100%)
- Green (69%)
- Blue (96%)



- Red (100%)
- Yellow (69%)
- Blue (96%)



- Cyan (0%)
- Magenta (31%)
- Yellow (4%)
- Black (0%)





- Cyan (0%)
- Magenta (31%)
- Yellow (4%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 73.5967, 59.3581, 94.7671 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 73.5967, 59.3581, 94.7671 by changing the saturation by 10% instead.


 73.5967, 59.3581,
94.7671

 73.5967, 59.3581,
94.7671


462.1521,
422.2277, 564.3844

 54.7541, 42.9015,
71.3453


 123.3225,
103.8979, 155.9356

 39.4380, 29.8078,
52.1405

154.9365,
132.7499, 194.5194

 27.2829, 19.6928,
36.7341


191.5382,
166.5025, 238.9944

 17.9235, 12.1719,
24.7075

233.4932,
205.5400, 289.7789

 10.9944, 6.8609,
15.6422

281.1667,
250.2469, 347.2917

 6.1303, 3.3752,
9.1197

334.9241,

 2.9659, 1.3306,

301.0076, 411.9511

4.7215

395.1308,
358.2064, 484.1759

■ 1.1358, 0.1647,
2.0289

■ 0.0547, 0.0000,
0.5730

■ 73.5967, 59.3581,
94.7671

■ 73.5967, 59.3581,
94.7671

■ 68.5748, 50.0310,
90.8833

■ 79.5694, 70.5748,
99.0047

■ 64.4471, 42.4814,
87.3320

■ 86.5375, 83.7710,
103.6087

■ 61.1574, 36.5963,
84.0950

94.5474, 99.0392,
108.5956

■ 58.6412, 32.2468,
81.1506

95.0500, 100.0000,
108.9000

■ 56.8244, 29.2851,
78.4740

■ 55.6187, 27.5343,
76.0356

■ 54.9097, 26.7279,
73.9134

Harmonies

Analogous

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



65.8762, 59.3581, 121.3436



73.5967, 59.3581, 94.7671



76.6284, 59.3581, 65.0258

Triad

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



73.5967, 59.3581, 94.7671



56.5558, 59.3581, 25.2850



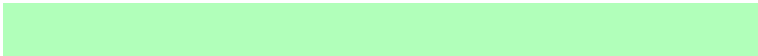
42.0319, 59.3581, 93.8888

Complementary

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



73.5967, 59.3581, 94.7671



62.7562, 84.4132, 59.4428

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.



40.1160, 59.3581, 64.2376



73.5967, 59.3581, 94.7671



47.9115, 59.3581, 29.0884

Square

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



73.5967, 59.3581, 94.7671



66.1409, 59.3581, 29.3205



42.1451, 59.3581, 41.6747



47.6981, 59.3581, 120.7448

Rectangle

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



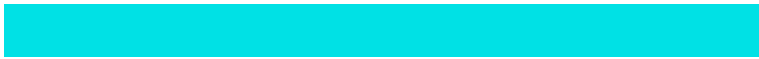
73.5967, 59.3581, 94.7671



75.3482, 59.3581, 48.7097



42.1451, 59.3581, 41.6747



40.9580, 59.3581, 83.6907

Sweetspot

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



73.5980, 59.3605, 94.7683



87.7372, 86.0520, 104.3737



53.7339, 48.9566, 101.2252



18.5436, 17.9703, 22.1900



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.



73.5980, 59.3605, 94.7683



70.2702, 53.1662, 92.2372



68.3735, 57.2707, 67.2565



18.6971, 18.2621, 22.2880



28.7275, 13.9803, 38.8110



2.8216, 1.3710, 3.9081

Inverse Universe

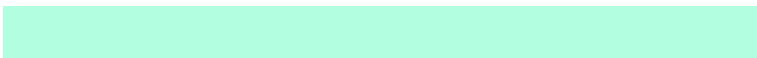
The Inverse Universe completely reimagines the original color for something new.



73.5980, 59.3605, 94.7683



70.2702, 53.1662, 92.2372



67.3205, 86.2389, 83.4781



18.6971, 18.2621, 22.2880



28.7275, 13.9803, 38.8110



2.8216, 1.3710, 3.9081

Previews

White Background



This preview shows how the XYZ color 73.5967, 59.3581, 94.7671 looks on a white background.

Color Contrast Check

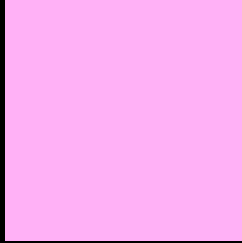
Large Text (above 18pt) WCAG AA × Fail

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 73.5967, 59.3581, 94.7671 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

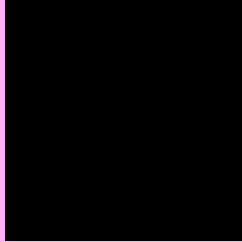
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 73.5967, 59.3581, 94.7671

Background



This preview shows how black text looks on a background with the XYZ color 73.5967, 59.3581, 94.7671.



This preview shows how white text looks on a background with the XYZ color 73.5967, 59.3581,

94.7671.

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

73.5967, 59.3581, 94.7671

Protanopia

59.9229, 59.8121, 102.9944

Deuteranopia

60.8497, 59.4955, 92.2811



Tritanopia

67.0512, 59.4277, 62.5803

Trichromacy



Original Color

73.5967, 59.3581, 94.7671



Protanomaly

63.8609, 58.8737, 100.0934



Deuteranomaly

64.7153, 58.8276, 92.7380



Tritanomaly

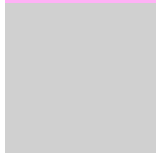
69.2415, 59.3860, 73.4589

Monochromacy



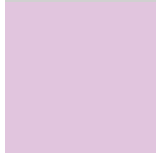
Original Color

73.5967, 59.3581, 94.7671



Achromatopsia

59.9535, 63.0757, 68.6895



Achromatomaly

64.2024, 61.2140, 77.5389

CSS Examples

Text

The CSS property to change the color of the text to XYZ 73.5967, 59.3581, 94.7671 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, 177, 246)` looks like.

```
.text, #text, p{  
    color:rgb(255, 177, 246)  
}
```

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, 177, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 177, 246) }
```

Border

The CSS property to change the border of an element to XYZ 73.5967, 59.3581, 94.7671 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, 177, 246) }
```


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

```
.border{ border-color:rgb(255, 177, 246) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 177, 246)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 177, 246); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 177, 246);  
box-shadow:4px 4px 4px 4px rgb(255, 177,  
246) }
```

Background

The CSS property to change the background color of an element to XYZ 73.5967, 59.3581, 94.7671 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 177, 246) }
```

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

```
.background{ background-color: rgb(255,  
177, 246) }
```

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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