

Converting Colors

XYZ(78.8777, 61.8028, 96.0859)

Have a look what the booklet for
XYZ(78.8777, 61.8028, 96.0859)
contains.

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Color

**XYZ(73.5538, 59.0261,
95.5121)**

Conversions

Conversions Part 1

Format	Color
Hex	FFB0F7
RGB	255, 176, 247
RGB Percent	100%, 69%, 97%
CMY	0.0000, 0.3098, 0.0314
CMYK	0.00, 0.31, 0.03, 0.00
HSL	306°, 100%, 85%
HSV	306°, 31%, 100%
XYZ	73.5538, 59.0261, 95.5121
YIQ	207.7150, 24.2930, 38.8290

Conversions

Conversions Part 2

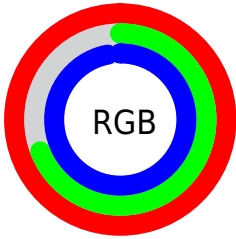
Format	Color
R_{YB}	255, 176, 247
Decimal	16756983
CIE _{Lab}	81.31, 39.63, -23.68
CIE _{LCh}	81, 46.165, 329.134
Yxy	59.0261, 0.3225, 0.2588
Android (android.graphics.Color)	4294947063 (0xFFFFB0F7)
YUV	207.7150, 19.3675, 41.4689
Hunter-Lab	76.8284, 36.4420, -19.9286

Details

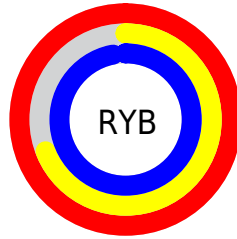
The XYZ color **73.5538, 59.0261, 95.5121** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **62.3181, 84.2117, 58.3201**, and the grayscale version is **59.6387, 62.7446, 68.3289**.

A 20% lighter version of the original color is **88.1466, 86.1932, 106.5989**, and **39.3895, 29.5510, 52.9181** is the 20% darker color. If you saturate the color by 10%, you get **68.6201, 49.7917, 91.9158**, and if you desaturate by 10%, it is **79.4348, 70.1456, 99.4529**.

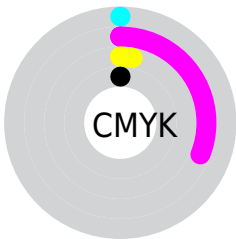
Distribution



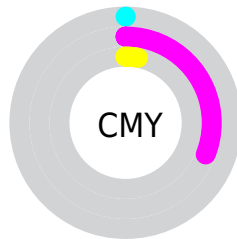
- Red (100%)
- Green (69%)
- Blue (97%)



- Red (100%)
- Yellow (69%)
- Blue (97%)



- Cyan (0%)
- Magenta (31%)
- Yellow (3%)
- Black (0%)



- Cyan (0%)
- Magenta (31%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 73.5538, 59.0261, 95.5121 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 73.5538, 59.0261, 95.5121 by changing the saturation by 10% instead.

73.5538, 59.0261,
95.5121

73.5538, 59.0261,
95.5121

462.0061,
420.9986, 566.8293

54.7189, 42.6341,
71.9620

123.2620,
103.4156, 156.9736

39.4097, 29.5982,
52.6410

154.8660,
132.1819, 195.7220

27.2607, 19.5338,
37.1305

191.4571,
165.8418, 240.3737

17.9067, 12.0566,
25.0120

233.4006,
204.7797, 291.3472

10.9823, 6.7822,
15.8669

281.0619,
249.3799, 349.0609

6.1222, 3.3263,
9.2767


334.8063,


2.9609, 1.3044,


300.0268, 413.9335


4.8228


394.9993,
357.1050, 486.3834


 1.1331, 0.1446,
2.0868


 0.0525, 0.0000,
0.6079


 73.5538, 59.0261,
95.5121


 73.5538, 59.0261,
95.5121


 68.6201, 49.7917,
91.9158


 79.4348, 70.1456,
99.4529


 64.5769, 42.3297,
88.6427

 86.3076, 83.2402,
103.7509

 61.3675, 36.5269,
85.6746

 94.2189, 98.4028,
108.4225

 58.9274, 32.2536,
82.9897

 95.0500, 100.0000,
108.9000

■ 57.1820, 29.3612,
80.5633

■ 56.0422, 27.6713,
78.3654

■ 55.4078, 26.9271,
76.5365

Harmonies

Analogous

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



65.6136, 59.0261, 122.6438



73.5538, 59.0261, 95.5121



76.7392, 59.0261, 65.0748

Triad

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



73.5538, 59.0261, 95.5121



56.3831, 59.0261, 24.4775



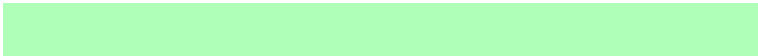
41.4268, 59.0261, 93.7143

Complementary

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



73.5538, 59.0261, 95.5121



62.3181, 84.2117, 58.3201

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.



39.5431, 59.0261, 63.4706



73.5538, 59.0261, 95.5121



47.5581, 59.0261, 28.1728

Square

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



73.5538, 59.0261, 95.5121



66.1535, 59.0261, 28.6382



41.6560, 59.0261, 40.7119



47.1249, 59.0261, 121.4139

Rectangle

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



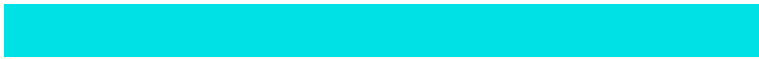
73.5538, 59.0261, 95.5121



75.4876, 59.0261, 48.4006



41.6560, 59.0261, 40.7119



40.3575, 59.0261, 83.2752

Sweetspot

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



73.5552, 59.0285, 95.5133



87.7887, 86.0726, 104.6449



53.3210, 48.4517, 101.1495



18.5564, 17.9755, 22.2573



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.



73.5552, 59.0285, 95.5133



70.4734, 53.2474, 93.3070



68.1029, 56.8476, 66.8024



18.7087, 18.2668, 22.3492



28.9840, 14.0829, 40.1619



2.8440, 1.3800, 4.0260

Inverse Universe

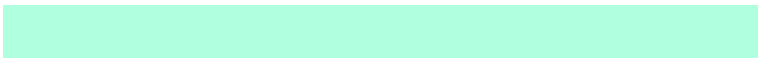
The Inverse Universe completely reimagines the original color for something new.



73.5552, 59.0285, 95.5133



70.4734, 53.2474, 93.3070



67.0395, 86.1002, 83.1825



18.7087, 18.2668, 22.3492



28.9840, 14.0829, 40.1619



2.8440, 1.3800, 4.0260

Previews

White Background



This preview shows how the XYZ color 73.5538, 59.0261, 95.5121 looks on a white background.

Color Contrast Check

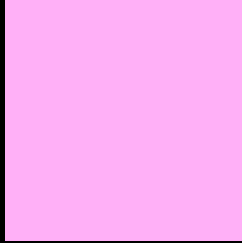
Large Text (above 18pt) WCAG AA × Fail

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 73.5538, 59.0261, 95.5121 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 73.5538, 59.0261, 95.5121

Background



This preview shows how black text looks on a background with the XYZ color 73.5538, 59.0261, 95.5121.



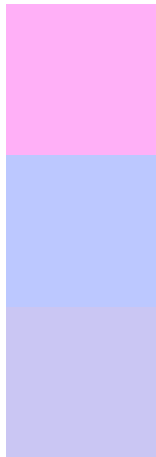
This preview shows how white text looks on a background with the XYZ color 73.5538, 59.0261,

95.5121.

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

73.5538, 59.0261, 95.5121

Protanopia

59.4433, 59.2199, 102.9053

Deuteranopia

60.7289, 59.4158, 93.0617



Tritanopia

66.7247, 58.9612, 61.8967

Trichromacy



Original Color

73.5538, 59.0261, 95.5121



Protanomaly

63.3529, 58.2869, 100.0069



Deuteranomaly

64.5614, 58.7307, 93.5214



Tritanomaly

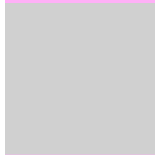
68.9063, 58.9230, 72.7073

Monochromacy



Original Color

73.5538, 59.0261, 95.5121



Achromatopsia

59.9535, 63.0757, 68.6895



Achromatomaly

63.9761, 60.7613, 77.4634

CSS Examples

Text

The CSS property to change the color of the text to XYZ 73.5538, 59.0261, 95.5121 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, 176, 247)` looks like.

```
.text, #text, p{  
    color:rgb(255, 176, 247)  
}
```

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, 176, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 176, 247) }
```

Border

The CSS property to change the border of an element to XYZ 73.5538, 59.0261, 95.5121 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, 176, 247) }
```


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

```
.border{ border-color:rgb(255, 176, 247) }
```

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

Here you see how a box with a 4 pixel rgb(255, 176, 247) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 176, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 176, 247);  
box-shadow:4px 4px 4px 4px rgb(255, 176,  
247) }
```

Background

The CSS property to change the background color of an element to XYZ 73.5538, 59.0261, 95.5121 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 176, 247) }
```

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

```
.background{ background-color: rgb(255,  
176, 247) }
```

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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