

Converting Colors

XYZ(75.4543, 60.6685, 95.4614)

Have a look what the booklet for
XYZ(75.4543, 60.6685, 95.4614)
contains.

XYZ(73.9489, 59.8162, 95.6438)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(73.9489, 59.8162,
95.6438)**

Conversions

Conversions Part 1

Format	Color
Hex	FFB2F7
RGB	255, 178, 247
RGB Percent	100%, 70%, 97%
CMY	0.0000, 0.3019, 0.0314
CMYK	0.00, 0.30, 0.03, 0.00
HSL	306°, 100%, 85%
HSV	306°, 30%, 100%
XYZ	73.9489, 59.8162, 95.6438
YIQ	208.8890, 23.7430, 37.7830

Conversions

Conversions Part 2

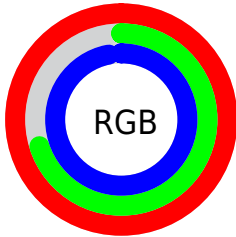
Format	Color
RYB	255, 178, 247
Decimal	16757495
CIELab	81.74, 38.58, -23.03
CIElCh	82, 44.933, 329.171
Yxy	59.8162, 0.3223, 0.2607
Android (android.graphics.Color)	4294947575 (0xFFFFB2F7)
YUV	208.8890, 18.7887, 40.4393
Hunter-Lab	77.3409, 35.3247, -19.1824

Details

The XYZ color **73.9489, 59.8162, 95.6438** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **62.9849, 84.5310, 59.4535**, and the grayscale version is **60.4039, 63.5496, 69.2055**.

A 20% lighter version of the original color is **88.9983, 87.8967, 106.8828**, and **39.6376, 30.0472, 53.0008** is the 20% darker color. If you saturate the color by 10%, you get **68.9331, 50.4341, 91.9698**, and if you desaturate by 10%, it is **79.9161, 71.0914, 99.6652**.

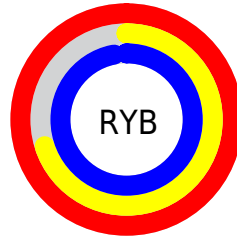
Distribution



Red (100%)

Green (70%)

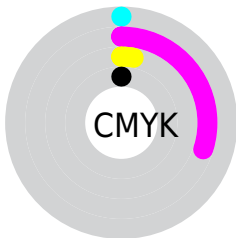
Blue (97%)



Red (100%)

Yellow (70%)

Blue (97%)

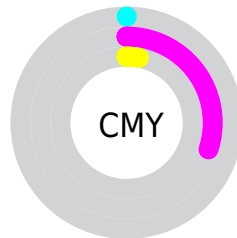


Cyan (0%)

Magenta (30%)

Yellow (3%)

Black (0%)



Cyan (0%)


Magenta (30%)


Yellow (3%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 73.9489, 59.8162, 95.6438 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 73.9489, 59.8162, 95.6438 by changing the saturation by 10% instead.


 73.9489, 59.8162,
95.6438

 73.9489, 59.8162,
95.6438


463.3500,
423.9200, 567.2609

 55.0433, 43.2705,
72.0711


 123.8193,
104.5630, 157.1570

 39.6704, 30.0974,
52.7296

155.5148,
133.5329, 195.9345

 27.4647, 19.9125,
37.2007


192.2043,
167.4130, 240.6174

 18.0609, 12.3315,
25.0659

234.2533,
206.5876, 291.6241

 11.0937, 6.9699,
15.9067

282.0269,
251.4413, 349.3733

 6.1977, 3.4433,
9.3045

335.8907,

 3.0074, 1.3673,

302.3583, 414.2835

4.8408

396.2100,
359.7230, 486.7732

■ 1.1577, 0.1924,
2.0971

■ 0.0726, 0.0000,
0.6140

■ 73.9489, 59.8162,
95.6438

■ 73.9489, 59.8162,
95.6438

■ 68.9331, 50.4341,
91.9698

■ 79.9161, 71.0914,
99.6652

■ 64.8125, 42.8332,
88.6220

■ 86.8791, 84.3491,
104.0464

■ 61.5308, 36.9010,
85.5823

94.8843, 99.6818,
108.8040

■ 59.0240, 32.5093,
82.8291

95.0500, 100.0000,
108.9000

■ 57.2184, 29.5111,
80.3379

■ 56.0265, 27.7310,
78.0793

■ 55.3142, 26.8897,
76.0438

Harmonies

Analogous

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



66.1893, 59.8162, 122.0343



73.9489, 59.8162, 95.6438



77.0519, 59.8162, 65.8863

Triad

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



73.9489, 59.8162, 95.6438



57.1171, 59.8162, 25.6907



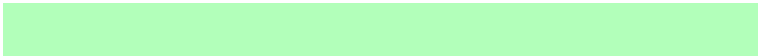
42.4027, 59.8162, 93.9671

Complementary

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



73.9489, 59.8162, 95.6438



62.9849, 84.5310, 59.4535

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.



40.5348, 59.8162, 64.3789



73.9489, 59.8162, 95.6438



48.4396, 59.8162, 29.4079

Square

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



73.9489, 59.8162, 95.6438



66.6951, 59.8162, 29.8538



42.6195, 59.8162, 41.9124



48.0311, 59.8162, 120.8923

Rectangle

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



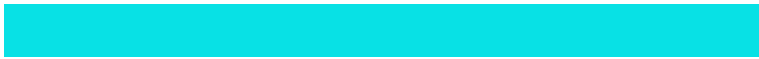
73.9489, 59.8162, 95.6438



75.8253, 59.8162, 49.4752



42.6195, 59.8162, 41.9124



41.3438, 59.8162, 83.7803

Sweetspot

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



73.9502, 59.8186, 95.6450



87.7791, 86.0688, 104.5943



54.1497, 49.4653, 101.3015



18.5540, 17.9745, 22.2447



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.



73.9502, 59.8186, 95.6450



70.9249, 54.1463, 93.4702



68.6459, 57.6968, 67.7127



18.7065, 18.2659, 22.3378



28.9358, 14.0636, 39.9082



2.8398, 1.3783, 4.0039

Inverse Universe

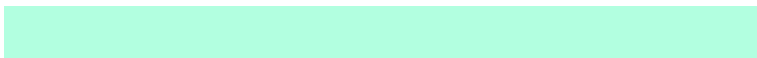
The Inverse Universe completely reimagines the original color for something new.



73.9502, 59.8186, 95.6450



70.9249, 54.1463, 93.4702



67.6034, 86.3785, 83.7746



18.7065, 18.2659, 22.3378



28.9358, 14.0636, 39.9082



2.8398, 1.3783, 4.0039

Previews

White Background



This preview shows how the XYZ color 73.9489, 59.8162, 95.6438 looks on a white background.

Color Contrast Check

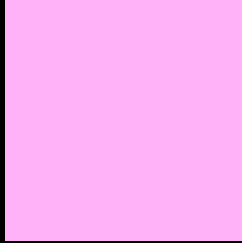
Large Text (above 18pt) WCAG AA × Fail

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 73.9489, 59.8162, 95.6438 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 73.9489, 59.8162, 95.6438

Background



This preview shows how black text looks on a background with the XYZ color 73.9489, 59.8162, 95.6438.



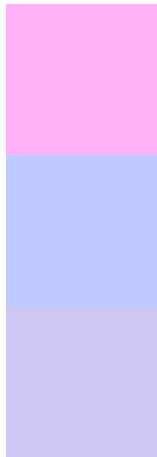
This preview shows how white text looks on a background with the XYZ color 73.9489, 59.8162,

95.6438.

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

73.9489, 59.8162, 95.6438

Protanopia

60.4057, 60.4082, 103.0840

Deuteranopia

61.5029, 60.1553, 93.1636



Tritanopia

67.3799, 59.8974, 63.2684

Trichromacy



Original Color

73.9489, 59.8162, 95.6438



Protanomaly

64.3722, 59.4643, 100.1804



Deuteranomaly

65.3914, 59.4812, 93.6225



Tritanomaly

69.5790, 59.8522, 74.2151

Monochromacy



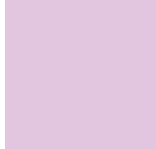
Original Color

73.9489, 59.8162, 95.6438



Achromatopsia

60.6036, 63.7597, 69.4343



Achromatomaly

64.8774, 61.8846, 78.3376

CSS Examples

Text

The CSS property to change the color of the text to XYZ 73.9489, 59.8162, 95.6438 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, 178, 247)` looks like.

```
.text, #text, p{  
    color:rgb(255, 178, 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, 178, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 178, 247) }
```

Border

The CSS property to change the border of an element to XYZ 73.9489, 59.8162, 95.6438 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, 178, 247) }
```


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

```
.border{ border-color:rgb(255, 178, 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, 178, 247)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 178, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 178, 247);  
box-shadow:4px 4px 4px 4px rgb(255, 178,  
247) }
```

Background

The CSS property to change the background color of an element to XYZ 73.9489, 59.8162, 95.6438 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 178, 247) }
```

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

```
.background{ background-color: rgb(255,  
178, 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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