

Converting Colors

XYZ(105.8235, 75.6874,
100.2134)

Have a look what the booklet for
XYZ(105.8235, 75.6874, 100.2134)
contains.

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Color

**XYZ(74.1779, 59.2757,
98.7985)**

Conversions

Conversions Part 1

Format	Color
Hex	FFB0FB
RGB	255, 176, 251
RGB Percent	100%, 69%, 98%
CMY	0.0000, 0.3098, 0.0157
CMYK	0.00, 0.31, 0.02, 0.00
HSL	303°, 100%, 85%
HSV	303°, 31%, 100%
XYZ	74.1779, 59.2757, 98.7985
YIQ	208.1710, 23.0090, 40.0730

Conversions

Conversions Part 2

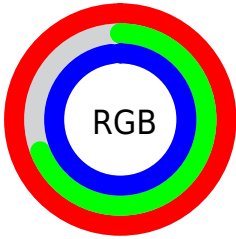
Format	Color
R _Y B	255, 176, 251
Decimal	16756987
CIE Lab	81.44, 40.33, -25.62
CIE LCh	81, 47.780, 327.575
Yxy	59.2757, 0.3194, 0.2552
Android (android.graphics.Color)	4294947067 (0xFFFFB0FB)
YUV	208.1710, 21.1147, 41.0690
Hunter-Lab	76.9907, 37.2449, -22.1905

Details

The XYZ color **74.1779, 59.2757, 98.7985** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **61.9045, 84.0463, 56.1424**, and the grayscale version is **59.9233, 63.0440, 68.6549**.

A 20% lighter version of the original color is **88.4289, 86.7578, 106.6930**, and **39.7231, 29.6844, 54.6750** is the 20% darker color. If you saturate the color by 10%, you get **69.4371, 50.1184, 96.2184**, and if you desaturate by 10%, it is **79.8617, 70.3163, 101.7014**.

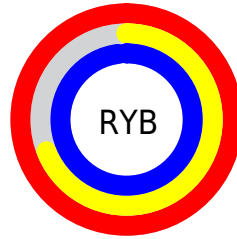
Distribution



Red (100%)

Green (69%)

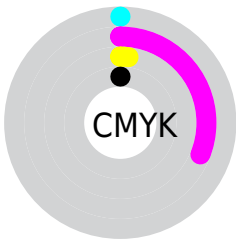
Blue (98%)



Red (100%)

Yellow (69%)

Blue (98%)

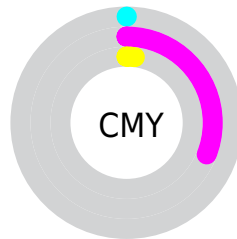


Cyan (0%)

Magenta (31%)

Yellow (2%)

Black (0%)



Cyan (0%)


Magenta (31%)


Yellow (2%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 74.1779, 59.2757, 98.7985 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 74.1779, 59.2757, 98.7985 by changing the saturation by 10% instead.


 74.1779, 59.2757,
98.7985

 74.1779, 59.2757,
98.7985


464.1280,
421.9229, 577.5474

 55.2315, 42.8351,
74.6862


 124.1421,
103.7783, 161.5425

 39.8216, 29.7558,
54.8557

155.8906,
132.6090, 201.0113

 27.5831, 19.6533,
38.8884


192.6371,
166.3386, 246.4360

 18.1505, 12.1433,
26.3657

234.7470,
205.3514, 298.2352

 11.1584, 6.8413,
16.8692

282.5857,
250.0318, 356.8274

 6.2416, 3.3631,
9.9803


336.5186,


 3.0346, 1.3241,


300.7643, 422.6311


5.2805


396.9108,
357.9332, 496.0650


 1.1721, 0.1597,
2.3512


 0.0841, 0.0000,
0.7597


 74.1779, 59.2757,
98.7985

 74.1779, 59.2757,
98.7985


 69.4371, 50.1184,
96.2184


 79.8617, 70.3163,
101.7014


 65.5827, 42.7321,
93.9398

 86.5333, 83.3304,
104.9396

 62.5582, 37.0031,
91.9446

 94.2391, 98.4108,
108.5294

 60.2987, 32.8022,
90.2113

 95.0500, 100.0000,
108.9000

■ 58.7300, 29.9804,
88.7150

■ 57.7628, 28.3595,
87.4259

■ 57.2807, 27.6763,
86.3990

Harmonies

Analogous

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



65.7173, 59.2757, 126.6906



74.1779, 59.2757, 98.7985



77.8161, 59.2757, 66.8991

Triad

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



74.1779, 59.2757, 98.7985



57.1572, 59.2757, 23.6764



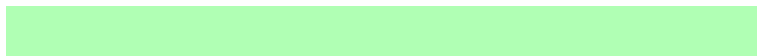
40.9573, 59.2757, 93.5350

Complementary

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



74.1779, 59.2757, 98.7985



61.9045, 84.0463, 56.1424

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.



39.2302, 59.2757, 62.2393



74.1779, 59.2757, 98.7985



47.8996, 59.2757, 27.0012

Square

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



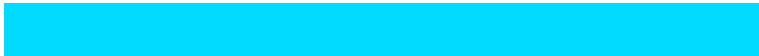
74.1779, 59.2757, 98.7985



67.2910, 59.2757, 28.3255



41.6185, 59.2757, 39.2888



46.6462, 59.2757, 123.0731

Rectangle

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



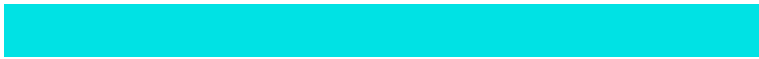
74.1779, 59.2757, 98.7985



76.7294, 59.2757, 49.3007



41.6185, 59.2757, 39.2888



39.9258, 59.2757, 82.6375

Sweetspot

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



74.1792, 59.2780, 98.7997



87.9742, 86.1468, 105.6214



52.3885, 47.9709, 101.1059



18.6024, 17.9939, 22.4997



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.



74.1792, 59.2780, 98.7997



71.2142, 53.5437, 97.2080



68.5938, 57.0439, 69.3875



18.7506, 18.2836, 22.5698



29.9477, 14.4684, 45.2366



2.9276, 1.4134, 4.4663

Inverse Universe

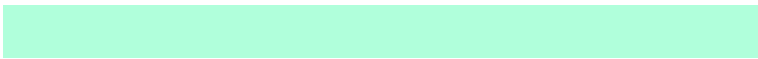
The Inverse Universe completely reimagines the original color for something new.



74.1792, 59.2780, 98.7997



71.2142, 53.5437, 97.2080



66.5117, 85.8891, 80.4034



18.7506, 18.2836, 22.5698



29.9477, 14.4684, 45.2366



2.9276, 1.4134, 4.4663

Previews

White Background



This preview shows how the XYZ color 74.1779, 59.2757, 98.7985 looks on a white background.

Color Contrast Check

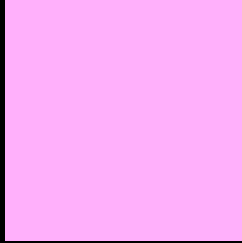
Large Text (above 18pt) WCAG AA × Fail

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 74.1779, 59.2757, 98.7985 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

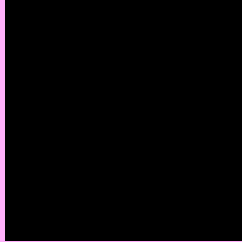
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 74.1779, 59.2757, 98.7985

Background



This preview shows how black text looks on a background with the XYZ color 74.1779, 59.2757, 98.7985.



This preview shows how white text looks on a background with the XYZ color 74.1779, 59.2757,

98.7985.

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

74.1779, 59.2757, 98.7985

Protanopia

59.6757, 59.6847, 102.9828

Deuteranopia

60.8020, 59.3829, 96.2531



Tritanopia

66.6956, 59.2444, 62.5637

Trichromacy



Original Color

74.1779, 59.2757, 98.7985



Protanomaly

63.8904, 58.8521, 101.7581



Deuteranomaly

64.8719, 58.8199, 96.7412



Tritanomaly

69.2978, 59.0796, 74.7689

Monochromacy



Original Color

74.1779, 59.2757, 98.7985



Achromatopsia

59.9535, 63.0757, 68.6895



Achromatomaly

64.2458, 60.8692, 78.8838

CSS Examples

Text

The CSS property to change the color of the text to XYZ 74.1779, 59.2757, 98.7985 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, 251)` looks like.

```
.text, #text, p{  
    color:rgb(255, 176, 251)  
}
```

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, 251) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 176, 251) }
```

Border

The CSS property to change the border of an element to XYZ 74.1779, 59.2757, 98.7985 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, 251) }
```


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

```
.border{ border-color:rgb(255, 176, 251) }
```

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, 251)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 176, 251); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 176, 251);  
box-shadow:4px 4px 4px 4px rgb(255, 176,  
251) }
```

Background

The CSS property to change the background color of an element to XYZ 74.1779, 59.2757, 98.7985 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, 251) }
```

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

```
.background{ background-color: rgb(255,  
176, 251) }
```

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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