

Converting Colors

XYZ(82.6699, 63.3909,
101.5788)

Have a look what the booklet for
XYZ(82.6699, 63.3909, 101.5788)
contains.

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Color

**XYZ(74.4594, 59.0757,
101.2442)**

Conversions

Conversions Part 1

Format	Color
Hex	FFAFFE
RGB	255, 175, 254
RGB Percent	100%, 69%, 100%
CMY	0.0000, 0.3137, 0.0039
CMYK	0.00, 0.31, 0.00, 0.00
HSL	301°, 100%, 84%
HSV	301°, 31%, 100%
XYZ	74.4594, 59.0757, 101.2442
YIQ	207.9260, 22.3210, 41.5290

Conversions

Conversions Part 2

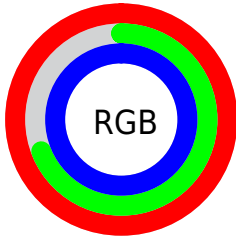
Format	Color
RYB	255, 175, 254
Decimal	16756734
CIELab	81.33, 41.39, -27.39
CIElCh	81, 49.630, 326.499
Yxy	59.0757, 0.3171, 0.2516
Android (android.graphics.Color)	4294946814 (0xFFFFAFFE)
YUV	207.9260, 22.7145, 41.2839
Hunter-Lab	76.8607, 38.4170, -24.2968

Details

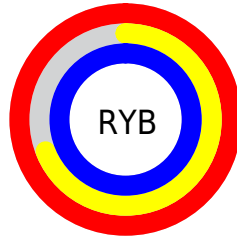
The XYZ color **74.4594, 59.0757, 101.2442** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **61.2774, 83.7694, 54.0162**, and the grayscale version is **59.7550, 62.8669, 68.4620**.

A 20% lighter version of the original color is **87.8659, 85.6318, 106.5053**, and **39.9414, 29.5763, 56.4270** is the 20% darker color. If you saturate the color by 10%, you get **69.9062, 50.0507, 99.4759**, and if you desaturate by 10%, it is **79.9522, 69.9794, 103.3278**.

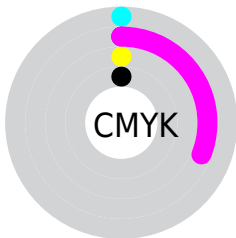
Distribution



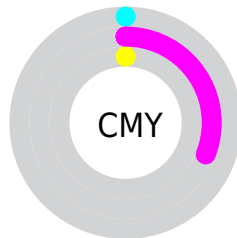
- Red (100%)
- Green (69%)
- Blue (100%)



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



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



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 74.4594, 59.0757, 101.2442 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 74.4594, 59.0757, 101.2442 by changing the saturation by 10% instead.

74.4594, 59.0757,
101.2442

74.4594, 59.0757,
101.2442

465.0833,
421.1824, 585.4551

55.4627, 42.6741,
76.7174

124.5388,
103.4877, 164.9327

40.0076, 29.6295,
56.5108

156.3523,
132.2668, 204.9315

27.7287, 19.5575,
40.2058

193.1688,
165.9406, 250.9246

18.2607, 12.0738,
27.3841

235.3536,
204.8933, 303.3307

11.2381, 6.7940,
17.6269

283.2721,
249.5095, 362.5682

6.2957, 3.3336,
10.5158


337.2896,


3.0681, 1.3083,

300.1735, 429.0558


5.6322


397.7716,
357.2696, 503.2119


 1.1899, 0.1476,
2.5576


 0.0983, 0.0000,
0.8705


 74.4594, 59.0757,
101.2442


 74.4594, 59.0757,
101.2442


 69.9062, 50.0507,
99.4759


 79.9522, 69.9794,
103.3278

 66.2360, 42.7918,
98.0015

 86.4296, 82.8525,
105.7392

 63.3920, 37.1850,
96.8029

 93.9383, 97.7879,
108.4948

 61.3091, 33.1003,
95.8584

95.0500, 100.0000,
108.9000

■ 59.9124, 30.3879,
95.1431

■ 59.1120, 28.8680,
94.6269

■ 58.7814, 28.2766,
94.3019

Harmonies

Analogous

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



65.5184, 59.0757, 130.1073



74.4594, 59.0757, 101.2442



78.4804, 59.0757, 67.8714

Triad

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



74.4594, 59.0757, 101.2442



57.3753, 59.0757, 22.5209



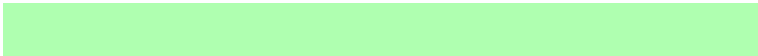
40.1376, 59.0757, 93.2948

Complementary

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



74.4594, 59.0757, 101.2442



61.2774, 83.7694, 54.0162

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.



38.5160, 59.0757, 60.9012



74.4594, 59.0757, 101.2442



47.7196, 59.0757, 25.5749

Square

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



74.4594, 59.0757, 101.2442



67.8821, 59.0757, 27.5058



41.1183, 59.0757, 37.6861



45.8536, 59.0757, 124.6131

Rectangle

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



74.4594, 59.0757, 101.2442



77.5052, 59.0757, 49.4387



41.1183, 59.0757, 37.6861



39.1285, 59.0757, 81.9307

Sweetspot

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



74.4606, 59.0780, 101.2454



88.1146, 86.2029, 106.3607



51.0615, 46.9968, 100.9878



18.6373, 18.0078, 22.6834



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.



74.4606, 59.0780, 101.2454



71.3397, 52.8901, 100.0384



68.8372, 56.8286, 71.6328



18.7823, 18.2962, 22.7369



30.7191, 14.7769, 49.2985



2.9940, 1.4400, 4.8160

Inverse Universe

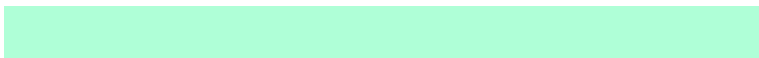
The Inverse Universe completely reimagines the original color for something new.



74.4606, 59.0780, 101.2454



71.3397, 52.8901, 100.0384



65.7066, 85.5411, 77.3399



18.7823, 18.2962, 22.7369



30.7191, 14.7769, 49.2985



2.9940, 1.4400, 4.8160

Previews

White Background



This preview shows how the XYZ color 74.4594, 59.0757, 101.2442 looks on a white background.

Color Contrast Check

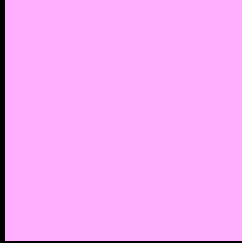
Large Text (above 18pt) WCAG AA × Fail

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 74.4594, 59.0757, 101.2442 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 74.4594, 59.0757, 101.2442

Background



This preview shows how black text looks on a background with the XYZ color 74.4594, 59.0757, 101.2442.



This preview shows how white text looks on a background with the XYZ color 74.4594, 59.0757,

101.2442.

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

74.4594, 59.0757, 101.2442

Protanopia

59.6757, 59.6847, 102.9828

Deuteranopia

60.7381, 59.2961, 98.6865



Tritanopia

66.6956, 59.2444, 62.5637

Trichromacy



Original Color

74.4594, 59.0757, 101.2442



Protanomaly

64.0510, 58.9163, 102.6039



Deuteranomaly

65.0395, 58.8520, 99.1984



Tritanomaly

69.4299, 59.1324, 75.4645

Monochromacy



Original Color

74.4594, 59.0757, 101.2442



Achromatopsia

59.9535, 63.0757, 68.6895



Achromatomaly

64.3819, 60.9236, 79.6003

CSS Examples

Text

The CSS property to change the color of the text to XYZ 74.4594, 59.0757, 101.2442 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, 175, 254)` looks like.

```
.text, #text, p{  
    color:rgb(255, 175, 254)  
}
```

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, 175, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 175, 254) }
```

Border

The CSS property to change the border of an element to XYZ 74.4594, 59.0757, 101.2442 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, 175, 254) }
```


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

```
.border{ border-color:rgb(255, 175, 254) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 175, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 175, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 175, 254);  
box-shadow:4px 4px 4px 4px rgb(255, 175,  
254) }
```

Background

The CSS property to change the background color of an element to XYZ 74.4594, 59.0757, 101.2442 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 175, 254) }
```

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

```
.background{ background-color: rgb(255,  
175, 254) }
```

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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