

Converting Colors

XYZ(154.2122, 100.0000,
103.9821)

Have a look what the booklet for
XYZ(154.2122, 100.0000, 103.9821)
contains.

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Color

**XYZ(74.1057, 58.6240,
100.3383)**

Conversions

Conversions Part 1

Format	Color
Hex	FFAEFD
RGB	255, 174, 253
RGB Percent	100%, 68%, 99%
CMY	0.0000, 0.3176, 0.0078
CMYK	0.00, 0.32, 0.01, 0.00
HSL	301°, 100%, 84%
HSV	301°, 32%, 100%
XYZ	74.1057, 58.6240, 100.3383
YIQ	207.2250, 22.9170, 41.7410

Conversions

Conversions Part 2

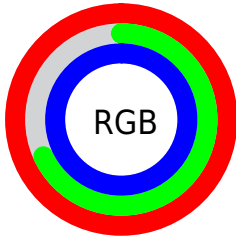
Format	Color
R _Y B	255, 174, 253
Decimal	16756477
CIE Lab	81.08, 41.73, -27.24
CIE LCh	81, 49.830, 326.864
Yxy	58.6240, 0.3180, 0.2515
Android (android.graphics.Color)	4294946557 (0xFFFFAEFD)
YUV	207.2250, 22.5671, 41.8987
Hunter-Lab	76.5663, 38.7725, -24.1017

Details

The XYZ color **74.1057, 58.6240, 100.3383** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **61.0538, 83.6541, 54.0058**, and the grayscale version is **59.3033, 62.3917, 67.9445**.

A 20% lighter version of the original color is **87.5868, 85.0736, 106.4123**, and **39.7062, 29.2888, 55.7851** is the 20% darker color. If you saturate the color by 10%, you get **69.5391, 49.6507, 98.3230**, and if you desaturate by 10%, it is **79.6103, 69.4721, 102.6694**.

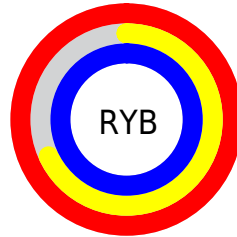
Distribution



Red (100%)

Green (68%)

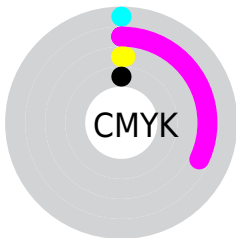
Blue (99%)



Red (100%)

Yellow (68%)

Blue (99%)

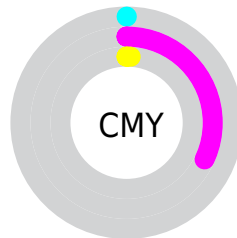


Cyan (0%)

Magenta (32%)

Yellow (1%)

Black (0%)



Cyan (0%)

Magenta (32%)

Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 74.1057, 58.6240, 100.3383 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 74.1057, 58.6240, 100.3383 by changing the saturation by 10% instead.

74.1057, 58.6240,
100.3383

74.1057, 58.6240,
100.3383

463.8828,
419.5071, 582.5327

55.1721, 42.3105,
75.9646

124.0403,
102.8310, 163.6779

39.7739, 29.3445,
55.8970

155.7721,
131.4933, 203.4810

27.5458, 19.3416,
39.7169

192.5007,
165.0406, 249.2643

18.1222, 11.9174,
27.0058

234.5914,
203.8574, 301.4463

11.1380, 6.6874,
17.3451

282.4096,
248.3281, 360.4456

6.2277, 3.2674,
10.3163

336.3207,

3.0260, 1.2729,

298.8370, 426.6807

5.5008

396.6899,
355.7685, 500.5703

■ 1.1675, 0.1201,
2.4802

■ 0.0805, 0.0000,
0.8296

■ 74.1057, 58.6240,
100.3383

■ 74.1057, 58.6240,
100.3383

■ 69.5391, 49.6507,
98.3230

■ 79.6103, 69.4721,
102.6694

■ 65.8536, 42.4393,
96.6023

■ 86.0978, 82.2860,
105.3291

■ 62.9920, 36.8753,
95.1578

■ 93.6152, 97.1589,
108.3336

■ 60.8890, 32.8280,
93.9678

95.0500, 100.0000,
108.9000

■ 59.4693, 30.1467,
93.0073

■ 58.6423, 28.6501,
92.2458

■ 58.2931, 28.0813,
91.7306

Harmonies

Analogous

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



65.2078, 58.6240, 129.3865



74.1057, 58.6240, 100.3383



78.0524, 58.6240, 67.0008

Triad

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



74.1057, 58.6240, 100.3383



56.8162, 58.6240, 22.1536



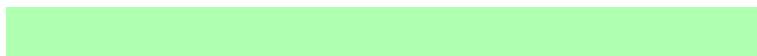
39.7830, 58.6240, 93.2125

Complementary

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



74.1057, 58.6240, 100.3383



61.0538, 83.6541, 54.0058

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.



38.1146, 58.6240, 60.7639



74.1057, 58.6240, 100.3383



47.2009, 58.6240, 25.2869

Square

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



74.1057, 58.6240, 100.3383



67.3245, 58.6240, 27.0064



40.6590, 58.6240, 37.4662



45.5327, 58.6240, 124.4563

Rectangle

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



74.1057, 58.6240, 100.3383



77.0226, 58.6240, 48.6806



40.6590, 58.6240, 37.4662



38.7596, 58.6240, 81.8391

Sweetspot

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



74.1070, 58.6263, 100.3395



87.3467, 84.7553, 105.8332



50.9463, 46.6495, 100.9268



18.4821, 17.7185, 22.5664



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.



74.1070, 58.6263, 100.3395



71.1512, 52.8148, 99.0460



68.4069, 56.3462, 70.3231



18.7722, 18.2922, 22.6834



30.4682, 14.6766, 47.9773



2.9725, 1.4314, 4.7025

Inverse Universe

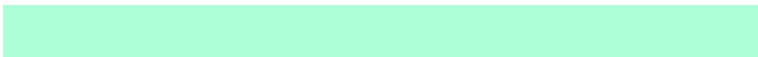
The Inverse Universe completely reimagines the original color for something new.



74.1070, 58.6263, 100.3395



71.1512, 52.8148, 99.0460



65.5925, 85.4696, 77.9062



18.7722, 18.2922, 22.6834



30.4682, 14.6766, 47.9773



2.9725, 1.4314, 4.7025

Previews

White Background



This preview shows how the XYZ color 74.1057, 58.6240, 100.3383 looks on a white background.

Color Contrast Check

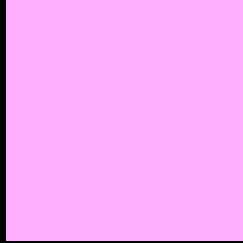
Large Text (above 18pt) WCAG AA × Fail

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 74.1057, 58.6240, 100.3383 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 74.1057, 58.6240, 100.3383

Background



This preview shows how black text looks on a background with the XYZ color 74.1057, 58.6240, 100.3383.

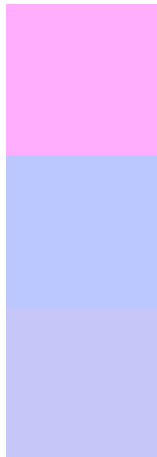


This preview shows how white text looks on a background with the XYZ color 74.1057, 58.6240,

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

74.1057, 58.6240, 100.3383

Protanopia

59.1978, 59.0933, 102.8938

Deuteranopia

60.5817, 59.2335, 97.8627



Tritanopia

66.3692, 58.7779, 61.8801

Trichromacy



Original Color

74.1057, 58.6240, 100.3383



Protanomaly

63.6716, 58.4144, 101.6852



Deuteranomaly

64.6663, 58.3574, 98.2983



Tritanomaly

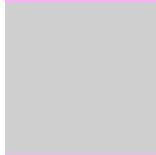
69.0937, 58.6714, 74.7009

Monochromacy



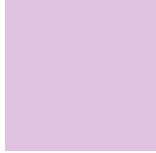
Original Color

74.1057, 58.6240, 100.3383



Achromatopsia

59.3074, 62.3960, 67.9493



Achromatomaly

63.7101, 60.2593, 78.7943

CSS Examples

Text

The CSS property to change the color of the text to XYZ 74.1057, 58.6240, 100.3383 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, 174, 253)` looks like.

```
.text, #text, p{  
    color:rgb(255, 174, 253)  
}
```

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, 174, 253) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 174, 253) }
```

Border

The CSS property to change the border of an element to XYZ 74.1057, 58.6240, 100.3383 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, 174, 253) }
```


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

```
.border{ border-color:rgb(255, 174, 253) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 174, 253)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 174, 253); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 174, 253);  
box-shadow:4px 4px 4px 4px rgb(255, 174,  
253) }
```

Background

The CSS property to change the background color of an element to XYZ 74.1057, 58.6240, 100.3383 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 174, 253) }
```

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

```
.background{ background-color: rgb(255,  
174, 253) }
```

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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