

Converting Colors

XYZ(74.6547, 59.4664,
101.3094)

Have a look what the booklet for
XYZ(74.6547, 59.4664, 101.3094)
contains.

XYZ(74.6547, 59.4664, 101.3094)	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(74.6547, 59.4664,
101.3094)**

Conversions

Conversions Part 1

Format	Color
Hex	FFB0FE
RGB	255, 176, 254
RGB Percent	100%, 69%, 100%
CMY	0.0000, 0.3098, 0.0039
CMYK	0.00, 0.31, 0.00, 0.00
HSL	301°, 100%, 85%
HSV	301°, 31%, 100%
XYZ	74.6547, 59.4664, 101.3094
YIQ	208.5130, 22.0460, 41.0060

Conversions

Conversions Part 2

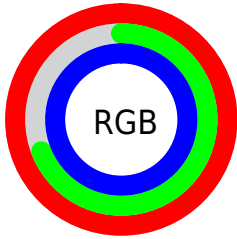
Format	Color
R _Y B	255, 176, 254
Decimal	16756990
CIE Lab	81.55, 40.87, -27.07
CIE LCh	82, 49.016, 326.483
Yxy	59.4664, 0.3171, 0.2526
Android (android.graphics.Color)	4294947070 (0xFFFFB0FE)
YUV	208.5130, 22.4251, 40.7691
Hunter-Lab	77.1145, 37.8560, -23.9123

Details

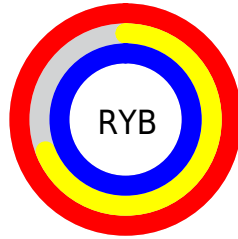
The XYZ color **74.6547, 59.4664, 101.3094** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **61.6021, 83.9253, 54.5498**, and the grayscale version is **60.1373, 63.2692, 68.9001**.

A 20% lighter version of the original color is **88.4289, 86.7578, 106.6930**, and **40.0635, 29.8206, 56.4677** is the 20% darker color. If you saturate the color by 10%, you get **70.0652, 50.3696, 99.5258**, and if you desaturate by 10%, it is **80.1860, 70.4460, 103.4090**.

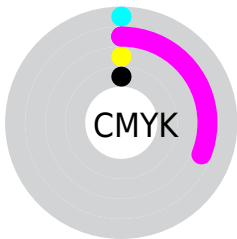
Distribution



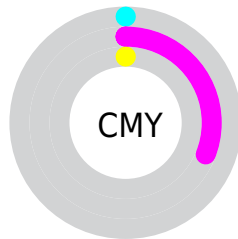
- Red (100%)
- Green (69%)
- Blue (100%)



- 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 74.6547, 59.4664, 101.3094 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 74.6547, 59.4664, 101.3094 by changing the saturation by 10% instead.

74.6547, 59.4664,
101.3094

74.6547, 59.4664,
101.3094

465.7454,
422.6281, 585.6651

55.6232, 42.9887,
76.7716

124.8140,
104.0552, 165.0230

40.1367, 29.8762,
56.5550

156.6725,
132.9351, 205.0358

27.8299, 19.7447,
40.2411

193.5374,
166.7179, 251.0440

18.3372, 12.2096,
27.4113

235.7741,
205.7879, 303.4662

11.2935, 6.8866,
17.6472

283.7479,
250.5295, 362.7208

6.3334, 3.3913,
10.5302

337.8241,

3.0914, 1.3393,

301.3271, 429.2265

5.6417

398.3682,
358.5652, 503.4018

■ 1.2023, 0.1713,
2.5632

■ 0.1082, 0.0000,
0.8734

■ 74.6547, 59.4664,
101.3094

■ 74.6547, 59.4664,
101.3094

■ 70.0652, 50.3696,
99.5258

■ 80.1860, 70.4460,
103.4090

■ 66.3608, 43.0432,
98.0368

■ 86.7037, 83.3985,
105.8370

■ 63.4849, 37.3738,
96.8245

■ 94.2543, 98.4168,
108.6097

■ 61.3728, 33.2318,
95.8672

■ 95.0500, 100.0000,
108.9000

■ 59.9501, 30.4685,
95.1401

■ 59.1277, 28.9055,
94.6135

■ 58.7751, 28.2740,
94.2686

Harmonies

Analogous

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



65.8018, 59.4664, 129.7869



74.6547, 59.4664, 101.3094



78.6354, 59.4664, 68.2844

Triad

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



74.6547, 59.4664, 101.3094



57.7425, 59.4664, 23.0872



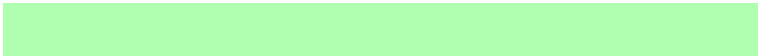
40.6102, 59.4664, 93.4160

Complementary

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



74.6547, 59.4664, 101.3094



61.6021, 83.9253, 54.5498

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.



38.9980, 59.4664, 61.3374



74.6547, 59.4664, 101.3094



48.1567, 59.4664, 26.1465

Square

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



74.6547, 59.4664, 101.3094



68.1538, 59.4664, 28.0903



41.5908, 59.4664, 38.2496



46.2935, 59.4664, 124.3433

Rectangle

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



74.6547, 59.4664, 101.3094



77.6735, 59.4664, 49.9784



41.5908, 59.4664, 38.2496



39.6063, 59.4664, 82.1755

Sweetspot

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



74.6560, 59.4687, 101.3106



88.1140, 86.2027, 106.3577



51.4822, 47.5037, 101.0635



18.6372, 18.0078, 22.6827



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.



74.6560, 59.4687, 101.3106



71.7823, 53.7710, 100.1994



69.0969, 57.2451, 72.0369



18.7822, 18.2962, 22.7362



30.7158, 14.7756, 49.2814



2.9938, 1.4399, 4.8145

Inverse Universe

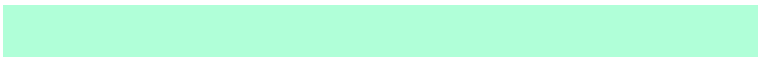
The Inverse Universe completely reimagines the original color for something new.



74.6560, 59.4687, 101.3106



71.7823, 53.7710, 100.1994



65.9963, 85.6830, 77.6894



18.7822, 18.2962, 22.7362



30.7158, 14.7756, 49.2814



2.9938, 1.4399, 4.8145

Previews

White Background



This preview shows how the XYZ color 74.6547, 59.4664, 101.3094 looks on a white background.

Color Contrast Check

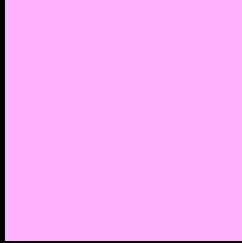
Large Text (above 18pt) WCAG AA × Fail

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 74.6547, 59.4664, 101.3094 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 74.6547, 59.4664, 101.3094

Background



This preview shows how black text looks on a background with the XYZ color 74.6547, 59.4664, 101.3094.



This preview shows how white text looks on a background with the XYZ color 74.6547, 59.4664,

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

74.6547, 59.4664, 101.3094

Protanopia

59.9229, 59.8121, 102.9944

Deuteranopia

61.2319, 59.8911, 98.7753



Tritanopia

66.8129, 59.2913, 63.1813

Trichromacy



Original Color

74.6547, 59.4664, 101.3094



Protanomaly

64.3402, 59.0654, 102.6174



Deuteranomaly

65.2568, 59.2867, 99.2709



Tritanomaly

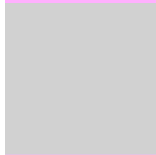
69.4299, 59.1324, 75.4645

Monochromacy



Original Color

74.6547, 59.4664, 101.3094



Achromatopsia

60.6036, 63.7597, 69.4343



Achromatomaly

64.9209, 61.5375, 79.6904

CSS Examples

Text

The CSS property to change the color of the text to XYZ 74.6547, 59.4664, 101.3094 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, 254)` looks like.

```
.text, #text, p{  
    color:rgb(255, 176, 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, 176, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 176, 254) }
```

Border

The CSS property to change the border of an element to XYZ 74.6547, 59.4664, 101.3094 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, 254) }
```


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

```
.border{ border-color:rgb(255, 176, 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, 176, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 176, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 176, 254);  
box-shadow:4px 4px 4px 4px rgb(255, 176,  
254) }
```

Background

The CSS property to change the background color of an element to XYZ 74.6547, 59.4664, 101.3094 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, 254) }
```

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

```
.background{ background-color: rgb(255,  
176, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor