

Converting Colors

XYZ(88.4351, 67.0842,
191.9445)

Have a look what the booklet for
XYZ(88.4351, 67.0842, 191.9445)
contains.

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Color

**XYZ(71.4661, 60.2018,
102.4612)**

Conversions

Conversions Part 1

Format	Color
Hex	F1B8FF
RGB	241, 184, 255
RGB Percent	95%, 72%, 100%
CMY	0.0549, 0.2784, 0.0000
CMYK	0.05, 0.28, 0.00, 0.00
HSL	288°, 100%, 86%
HSV	288°, 28%, 100%
XYZ	71.4661, 60.2018, 102.4612
YIQ	209.1370, 11.1810, 34.1650

Conversions

Conversions Part 2

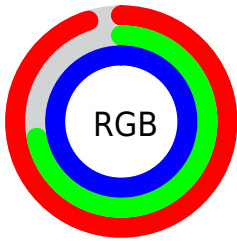
Format	Color
R _Y B	241, 184, 255
Decimal	15841535
CIE Lab	81.95, 32.48, -27.11
CIE LCh	82, 42.305, 320.143
Yxy	60.2018, 0.3052, 0.2571
Android (android.graphics.Color)	4294031615 (0xFFFF1B8FF)
YUV	209.1370, 22.6105, 27.9439
Hunter-Lab	77.5898, 28.6298, -23.9825

Details

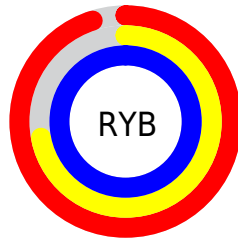
The XYZ color **71.4661, 60.2018, 102.4612** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **67.7020, 86.9872, 58.5723**, and the grayscale version is **60.5473, 63.7005, 69.3699**.

A 20% lighter version of the original color is **90.4501, 90.8002, 107.3667**, and **37.9428, 30.2328, 57.2618** is the 20% darker color. If you saturate the color by 10%, you get **64.9466, 49.6749, 100.7729**, and if you desaturate by 10%, it is **78.9911, 72.6675, 104.4707**.

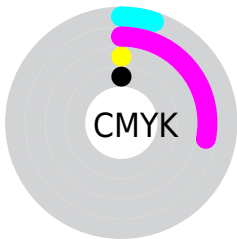
Distribution



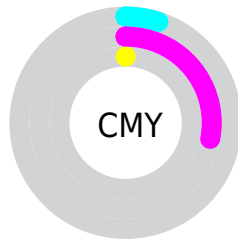
- Red (95%)
- Green (72%)
- Blue (100%)



- Red (95%)
- Yellow (72%)
- Blue (100%)



- Cyan (5%)
- Magenta (28%)
- Yellow (0%)
- Black (0%)



- Cyan (5%)
- Magenta (28%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 71.4661, 60.2018, 102.4612 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 71.4661, 60.2018, 102.4612 by changing the saturation by 10% instead.

71.4661, 60.2018,
102.4612

71.4661, 60.2018,
102.4612

454.8677,
425.3412, 589.3689

53.0066, 43.5813,
77.7293

120.3121,
105.1223, 166.6166

38.0355, 30.3415,
57.3365

151.4292,
134.1912, 206.8772

26.1876, 20.0979,
40.8643

187.4963,
168.1783, 253.1511

17.0974, 12.4663,
27.8942

228.8786,
207.4680, 305.8568

10.3997, 7.0621,
18.0075

275.9415,
252.4448, 365.4129

5.7291, 3.5009,
10.7859

329.0505,

2.7201, 1.3985,

303.4930, 432.2380

5.8107

388.5707,
360.9970, 506.7505

■ 1.0076, 0.2156,
2.6634

■ 0.0000, 0.0000,
0.9249

■ 71.4661, 60.2018,
102.4612

■ 71.4661, 60.2018,
102.4612

■ 64.9466, 49.6749,
100.7729

■ 78.9911, 72.6675,
104.4707

■ 59.3758, 40.9765,
99.3875

■ 87.5643, 87.1597,
106.8161

■ 54.6989, 33.9966,
98.2868

95.0500, 100.0000,
108.9000

■ 50.8530, 28.6103,
97.4498

■ 47.7670, 24.6755,
96.8530

■ 45.3566, 22.0247,
96.4684

■ 43.5096, 20.4336,
96.2586

■ 43.1499, 20.1595,
96.2247

Harmonies

Analogous

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



63.3501, 60.2018, 123.5299



71.4661, 60.2018, 102.4612



75.8955, 60.2018, 74.3501

Triad

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



71.4661, 60.2018, 102.4612



60.2156, 60.2018, 28.0076



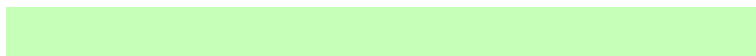
42.5425, 60.2018, 84.0191

Complementary

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



71.4661, 60.2018, 102.4612



67.7020, 86.9872, 58.5723

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.



41.8908, 60.2018, 57.4724



71.4661, 60.2018, 102.4612



51.4987, 60.2018, 29.3244

Square

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



71.4661, 60.2018, 102.4612



68.9670, 60.2018, 34.5393



45.0053, 60.2018, 38.7754



46.8889, 60.2018, 111.1042

Rectangle

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



71.4661, 60.2018, 102.4612



75.8775, 60.2018, 57.2515



45.0053, 60.2018, 38.7754



41.9029, 60.2018, 74.6129

Sweetspot

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



71.4678, 60.2043, 102.4616



87.4195, 86.9129, 106.7761



58.0593, 57.8927, 102.7221



18.4211, 18.1088, 22.7744



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.



71.4678, 60.2043, 102.4616



67.9816, 54.5370, 101.5514



73.1901, 61.4666, 85.6241



18.4211, 18.1088, 22.7744



22.6707, 10.5976, 50.2853



2.2927, 1.0758, 4.9001

Inverse Universe

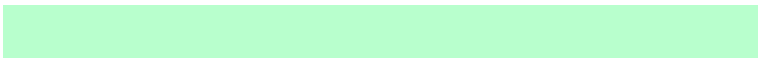
The Inverse Universe completely reimagines the original color for something new.



68.5751, 59.6206, 61.3219



64.7917, 53.9360, 54.2581



66.5846, 86.1335, 71.0661



18.1558, 18.0456, 19.4373



21.8940, 11.2469, 2.8262



2.1680, 1.1096, 0.4663

Previews

White Background



This preview shows how the XYZ color 71.4661, 60.2018, 102.4612 looks on a white background.

Color Contrast Check

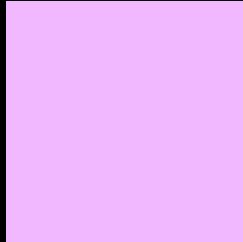
Large Text (above 18pt) WCAG AA × Fail

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 71.4661, 60.2018, 102.4612 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

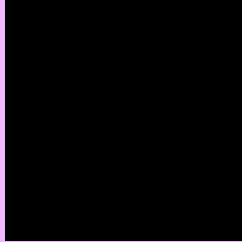
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 71.4661, 60.2018, 102.4612

Background



This preview shows how black text looks on a background with the XYZ color 71.4661, 60.2018, 102.4612.

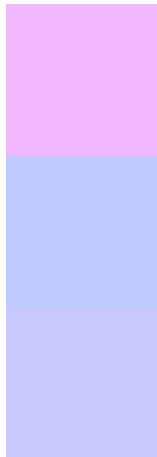


This preview shows how white text looks on a background with the XYZ color 71.4661, 60.2018,

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

71.4661, 60.2018, 102.4612

Protanopia

60.4057, 60.4082, 103.0840

Deuteranopia

62.0444, 60.6162, 100.5255



Tritanopia

64.3868, 60.1864, 67.8981

Trichromacy



Original Color

71.4661, 60.2018, 102.4612



Protanomaly

63.8596, 59.8055, 102.7856



Deuteranomaly

65.0457, 60.1225, 101.1050



Tritanomaly

66.9291, 60.2677, 79.3394

Monochromacy



Original Color

71.4661, 60.2018, 102.4612



Achromatopsia

60.6036, 63.7597, 69.4343



Achromatomaly

64.2005, 62.1717, 80.5681

CSS Examples

Text

The CSS property to change the color of the text to XYZ 71.4661, 60.2018, 102.4612 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(241, 184, 255)` looks like.

```
.text, #text, p{  
    color:rgb(241, 184, 255)  
}
```

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(241, 184, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 184, 255) }
```

Border

The CSS property to change the border of an element to XYZ 71.4661, 60.2018, 102.4612 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(241, 184, 255) }
```


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

```
.border{ border-color:rgb(241, 184, 255) }
```

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

Here you see how a box with a 4 pixel rgb(241, 184, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 184, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 184, 255);  
box-shadow:4px 4px 4px 4px rgb(241, 184,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 71.4661, 60.2018, 102.4612 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 184, 255) }
```

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

```
.background{ background-color: rgb(241,  
184, 255) }
```

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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