

Converting Colors

XYZ(74.6566, 61.0811, 96.3438)

Have a look what the booklet for
XYZ(74.6566, 61.0811, 96.3438)
contains.

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Color

**XYZ(74.7072, 61.0851,
96.6600)**

Conversions

Conversions Part 1

Format	Color
Hex	FFB5F8
RGB	255, 181, 248
RGB Percent	100%, 71%, 97%
CMY	0.0000, 0.2902, 0.0274
CMYK	0.00, 0.29, 0.03, 0.00
HSL	306°, 100%, 85%
HSV	306°, 29%, 100%
XYZ	74.7072, 61.0851, 96.6600
YIQ	210.7640, 22.5970, 36.5250

Conversions

Conversions Part 2

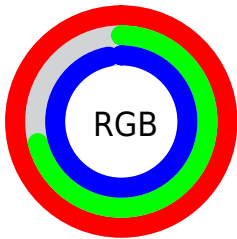
Format	Color
R _Y B	255, 181, 248
Decimal	16758264
CIE Lab	82.42, 37.19, -22.52
CIE LCh	82, 43.479, 328.805
Yxy	61.0851, 0.3214, 0.2628
Android (android.graphics.Color)	4294948344 (0xFFFFB5F8)
YUV	210.7640, 18.3573, 38.7950
Hunter-Lab	78.1570, 33.8465, -18.6166

Details

The XYZ color **74.7072, 61.0851, 96.6600** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **63.8950, 84.9755, 60.6140**, and the grayscale version is **61.6349, 64.8447, 70.6159**.

A 20% lighter version of the original color is **89.8645, 89.6291, 107.1715**, and **40.0193, 30.8106, 53.1280** is the 20% darker color. If you saturate the color by 10%, you get **69.6172, 51.5000, 93.1297**, and if you desaturate by 10%, it is **80.7535, 72.5746, 100.5345**.

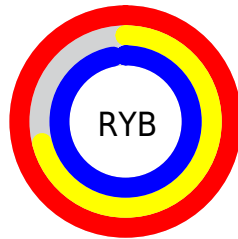
Distribution



Red (100%)

Green (71%)

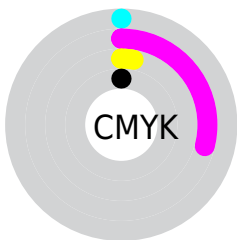
Blue (97%)



Red (100%)

Yellow (71%)

Blue (97%)

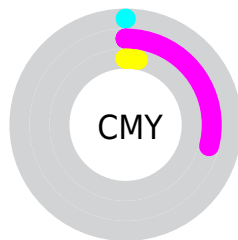


Cyan (0%)

Magenta (29%)

Yellow (3%)

Black (0%)



Cyan (0%)


Magenta (29%)


Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 74.7072, 61.0851, 96.6600 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 74.7072, 61.0851, 96.6600 by changing the saturation by 10% instead.


 74.7072, 61.0851,
96.6600

 74.7072, 61.0851,
96.6600


465.9233,
428.5860, 570.5853

 55.6664, 44.2939,
72.9129

 124.8879,
106.4021, 158.5712

 40.1714, 30.9016,
53.4133

156.7586,
135.6967, 197.5724

 27.8571, 20.5239,
37.7428


193.6365,
169.9279, 242.4953

 18.3578, 12.7765,
25.4829

235.8871,
209.4800, 293.7586

 11.3084, 7.2748,
16.2149

283.8757,
254.7375, 351.7806

 6.3435, 3.6345,
9.5203

337.9677,

 3.0977, 1.4713,

306.0847, 416.9801

4.9807

398.5285,
363.9061, 489.7754

■ 1.2056, 0.2684,
2.1774

■ 0.1108, 0.0000,
0.6613

■ 74.7072, 61.0851,
96.6600

■ 74.7072, 61.0851,
96.6600

■ 69.6172, 51.5000,
93.1297

■ 80.7535, 72.5746,
100.5345

■ 65.4278, 43.7086,
89.9224

■ 87.8000, 86.0572,
104.7656

■ 62.0835, 37.5996,
87.0205

95.0500, 100.0000,
108.9000

■ 59.5210, 33.0466,
84.4026

■ 57.6680, 29.9053,
82.0448

■ 56.4391, 28.0043,
79.9183

■ 55.7075, 27.0905,
77.9809

■ 55.6469, 27.0227,
77.7955

Harmonies

Analogous

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



67.0925, 61.0851, 122.1192



74.7072, 61.0851, 96.6600



77.7977, 61.0851, 67.5829

Triad

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



74.7072, 61.0851, 96.6600



58.4325, 61.0851, 27.3738



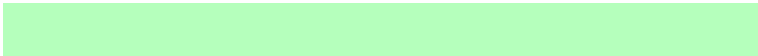
43.7802, 61.0851, 94.3106

Complementary

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



74.7072, 61.0851, 96.6600



63.8950, 84.9755, 60.6140

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.



41.9788, 61.0851, 65.4511



74.7072, 61.0851, 96.6600



49.8761, 61.0851, 31.0186

Square

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



74.7072, 61.0851, 96.6600



67.8048, 61.0851, 31.6640



44.0893, 61.0851, 43.3905



49.2958, 61.0851, 120.5279

Rectangle

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



74.7072, 61.0851, 96.6600



76.6499, 61.0851, 51.3551



44.0893, 61.0851, 43.3905



42.7479, 61.0851, 84.3897

Sweetspot

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



74.7085, 61.0875, 96.6613



87.8131, 86.0823, 104.7732



55.1107, 50.8566, 101.5194



18.5624, 17.9779, 22.2891



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.



74.7085, 61.0875, 96.6613



71.5512, 55.1298, 94.5084



69.6281, 59.0553, 69.9084



18.7142, 18.2690, 22.3782



29.1071, 14.1321, 40.8100



2.8547, 1.3843, 4.0825

Inverse Universe

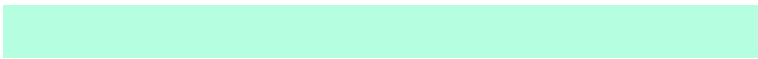
The Inverse Universe completely reimagines the original color for something new.



74.7085, 61.0875, 96.6613



71.5512, 55.1298, 94.5084



68.2949, 86.7355, 83.7834



18.7142, 18.2690, 22.3782



29.1071, 14.1321, 40.8100



2.8547, 1.3843, 4.0825

Previews

White Background



This preview shows how the XYZ color 74.7072, 61.0851, 96.6600 looks on a white background.

Color Contrast Check

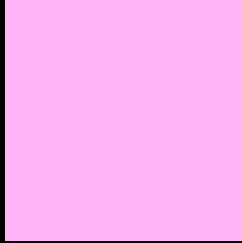
Large Text (above 18pt) WCAG AA × Fail

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 74.7072, 61.0851, 96.6600 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 74.7072, 61.0851, 96.6600

Background



This preview shows how black text looks on a background with the XYZ color 74.7072, 61.0851, 96.6600.



This preview shows how white text looks on a background with the XYZ color 74.7072, 61.0851,

96.6600.

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

74.7072, 61.0851, 96.6600

Protanopia

61.6352, 61.7432, 103.2768

Deuteranopia

62.6694, 61.4268, 94.1415



Tritanopia

68.1636, 60.8946, 65.2880

Trichromacy



Original Color

74.7072, 61.0851, 96.6600



Protanomaly

65.6295, 61.1071, 100.4313



Deuteranomaly

66.5137, 61.0234, 94.6593



Tritanomaly

70.2608, 60.7943, 75.7415

Monochromacy



Original Color

74.7072, 61.0851, 96.6600



Achromatopsia

61.9161, 65.1406, 70.9381



Achromatomaly

65.7874, 63.0213, 79.2180

CSS Examples

Text

The CSS property to change the color of the text to XYZ 74.7072, 61.0851, 96.6600 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, 181, 248)` looks like.

```
.text, #text, p{  
    color:rgb(255, 181, 248)  
}
```

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, 181, 248) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 181, 248) }
```

Border

The CSS property to change the border of an element to XYZ 74.7072, 61.0851, 96.6600 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, 181, 248) }
```


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

```
.border{ border-color:rgb(255, 181, 248) }
```

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

Here you see how a box with a 4 pixel rgb(255, 181, 248) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 181, 248); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 181, 248);  
box-shadow:4px 4px 4px 4px rgb(255, 181,  
248) }
```

Background

The CSS property to change the background color of an element to XYZ 74.7072, 61.0851, 96.6600 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 181, 248) }
```

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

```
.background{ background-color: rgb(255,  
181, 248) }
```

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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