

Converting Colors

XYZ(74.9212, 60.3646,
100.2725)

Have a look what the booklet for
XYZ(74.9212, 60.3646, 100.2725)
contains.

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Color

**XYZ(75.0897, 60.5920,
100.6663)**

Conversions

Conversions Part 1

Format	Color
Hex	FFB3FD
RGB	255, 179, 253
RGB Percent	100%, 70%, 99%
CMY	0.0000, 0.2980, 0.0078
CMYK	0.00, 0.30, 0.01, 0.00
HSL	302°, 100%, 85%
HSV	302°, 30%, 100%
XYZ	75.0897, 60.5920, 100.6663
YIQ	210.1600, 21.5420, 39.1260

Conversions

Conversions Part 2

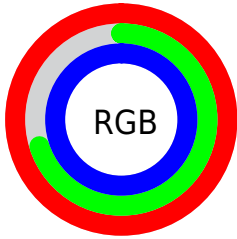
Format	Color
R _Y B	255, 179, 253
Decimal	16757757
CIE Lab	82.16, 39.12, -25.60
CIE LCh	82, 46.753, 326.804
Yxy	60.5920, 0.3177, 0.2564
Android (android.graphics.Color)	4294947837 (0xFFFFB3FD)
YUV	210.1600, 21.1201, 39.3247
Hunter-Lab	77.8409, 35.9697, -22.1871

Details

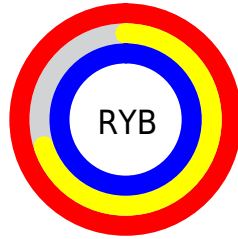
The XYZ color **75.0897, 60.5920, 100.6663** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **62.6927, 84.4408, 56.7129**, and the grayscale version is **61.2207, 64.4089, 70.1413**.

A 20% lighter version of the original color is **89.2855, 88.4709, 106.9785**, and **40.3234, 30.5231, 55.9908** is the 20% darker color. If you saturate the color by 10%, you get **70.3373, 51.2576, 98.5567**, and if you desaturate by 10%, it is **80.7901, 71.8212, 103.0954**.

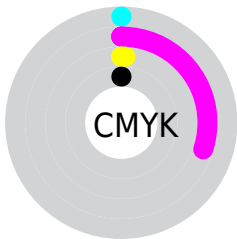
Distribution



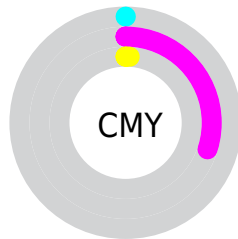
- Red (100%)
- Green (70%)
- Blue (99%)



- Red (100%)
- Yellow (70%)
- Blue (99%)



- Cyan (0%)
- Magenta (30%)
- Yellow (1%)
- Black (0%)



- Cyan (0%)
- Magenta (30%)
- Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 75.0897, 60.5920, 100.6663 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 75.0897, 60.5920, 100.6663 by changing the saturation by 10% instead.

75.0897, 60.5920,
100.6663

75.0897, 60.5920,
100.6663

467.2183,
426.7764, 583.5917

55.9808, 43.8960,
76.2371

125.4266,
105.6880, 164.1324

40.4245, 30.5887,
56.1192

157.3852,
134.8567, 204.0064

28.0553, 20.2859,
39.8938

194.3579,
168.9518, 249.8657

18.5080, 12.6030,
27.1426

236.7099,
208.3576, 302.1290

11.4172, 7.1558,
17.4470

284.8066,
253.4586, 361.2146

6.4176, 3.5597,
10.3884

339.0133,

3.1437, 1.4305,

304.6392, 427.5413

5.5483

399.6954,
362.2836, 501.5275

■ 1.2302, 0.2390,
2.5081

■ 0.1300, 0.0000,
0.8444

■ 75.0897, 60.5920,
100.6663

■ 75.0897, 60.5920,
100.6663

■ 70.3373, 51.2576,
98.5567

■ 80.7901, 71.8212,
103.0954

■ 66.4767, 43.7065,
96.7454

■ 87.4827, 85.0345,
105.8563

■ 63.4520, 37.8268,
95.2146

95.0500, 100.0000,
108.9000

■ 61.1995, 33.4906,
93.9430

■ 59.6461, 30.5521,
92.9063

■ 58.7048, 28.8371,
92.0755

■ 58.2363, 28.0673,
91.4041

■ 58.2287, 28.0555,
91.3914

Harmonies

Analogous

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



66.6363, 60.5920, 127.7989



75.0897, 60.5920, 100.6663



78.8333, 60.5920, 69.0697

Triad

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



75.0897, 60.5920, 100.6663



58.6618, 60.5920, 25.0557



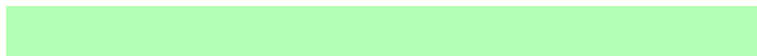
42.1760, 60.5920, 93.8298

Complementary

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



75.0897, 60.5920, 100.6663



62.6927, 84.4408, 56.7129

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.



40.5546, 60.5920, 62.9729



75.0897, 60.5920, 100.6663



49.4035, 60.5920, 28.2164

Square

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



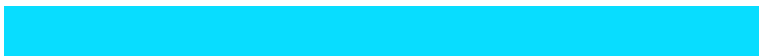
75.0897, 60.5920, 100.6663



68.6888, 60.5920, 29.9823



43.0466, 60.5920, 40.3381



47.7578, 60.5920, 123.1205

Rectangle

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



75.0897, 60.5920, 100.6663



77.8688, 60.5920, 51.3960



43.0466, 60.5920, 40.3381



41.1796, 60.5920, 83.0777

Sweetspot

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



75.0910, 60.5944, 100.6676



88.0636, 86.1826, 106.0925



53.0570, 49.1984, 101.3076



18.6246, 18.0028, 22.6168



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.



75.0910, 60.5944, 100.6676



72.0364, 54.5909, 99.3229



69.7218, 58.4467, 72.3937



18.7708, 18.2916, 22.6763



30.4351, 14.6633, 47.8030



2.9696, 1.4302, 4.6875

Inverse Universe

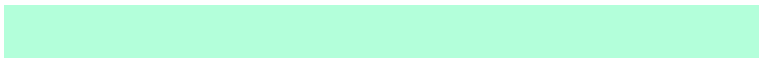
The Inverse Universe completely reimagines the original color for something new.



75.0910, 60.5944, 100.6676



72.0364, 54.5909, 99.3229



67.0419, 86.1804, 79.6156



18.7708, 18.2916, 22.6763



30.4351, 14.6633, 47.8030



2.9696, 1.4302, 4.6875

Previews

White Background



This preview shows how the XYZ color 75.0897, 60.5920, 100.6663 looks on a white background.

Color Contrast Check

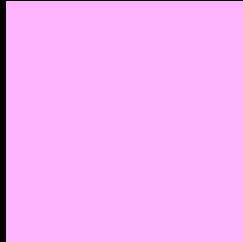
Large Text (above 18pt) WCAG AA × Fail

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 75.0897, 60.5920, 100.6663 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 75.0897, 60.5920, 100.6663

Background



This preview shows how black text looks on a background with the XYZ color 75.0897, 60.5920, 100.6663.



This preview shows how white text looks on a background with the XYZ color 75.0897, 60.5920,

100.6663.

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

75.0897, 60.5920, 100.6663

Protanopia

60.8918, 61.0082, 103.1742

Deuteranopia

62.1103, 60.7047, 98.0661



Tritanopia

67.6885, 60.6634, 64.6416

Trichromacy



Original Color

75.0897, 60.5920, 100.6663



Protanomaly

64.9127, 60.0355, 101.9327



Deuteranomaly

65.9237, 59.9736, 98.5440



Tritanomaly

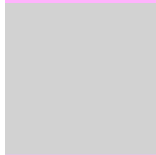
70.1838, 60.4276, 76.3712

Monochromacy



Original Color

75.0897, 60.5920, 100.6663



Achromatopsia

61.2578, 64.4480, 70.1838



Achromatomaly

65.5149, 62.5066, 80.5635

CSS Examples

Text

The CSS property to change the color of the text to XYZ 75.0897, 60.5920, 100.6663 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, 179, 253)` looks like.

```
.text, #text, p{  
    color:rgb(255, 179, 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, 179, 253) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 179, 253) }
```

Border

The CSS property to change the border of an element to XYZ 75.0897, 60.5920, 100.6663 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, 179, 253) }
```


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

```
.border{ border-color:rgb(255, 179, 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, 179, 253)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 179, 253); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 179, 253);  
box-shadow:4px 4px 4px 4px rgb(255, 179,  
253) }
```

Background

The CSS property to change the background color of an element to XYZ 75.0897, 60.5920, 100.6663 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 179, 253) }
```

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

```
.background{ background-color: rgb(255,  
179, 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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