

Converting Colors

XYZ(112.9856, 79.9542,
102.2080)

Have a look what the booklet for
XYZ(112.9856, 79.9542, 102.2080)
contains.

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Color

**XYZ(74.8900, 60.1926,
100.5997)**

Conversions

Conversions Part 1

Format	Color
Hex	FFB2FD
RGB	255, 178, 253
RGB Percent	100%, 70%, 99%
CMY	0.0000, 0.3019, 0.0078
CMYK	0.00, 0.30, 0.01, 0.00
HSL	302°, 100%, 85%
HSV	302°, 30%, 100%
XYZ	74.8900, 60.1926, 100.5997
YIQ	209.5730, 21.8170, 39.6490

Conversions

Conversions Part 2

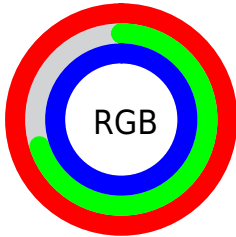
Format	Color
RYB	255, 178, 253
Decimal	16757501
CIELab	81.94, 39.64, -25.93
CIELCh	82, 47.370, 326.816
Yxy	60.1926, 0.3178, 0.2554
Android (android.graphics.Color)	4294947581 (0xFFFFB2FD)
YUV	209.5730, 21.4095, 39.8395
Hunter-Lab	77.5839, 36.5303, -22.5701

Details

The XYZ color **74.8900, 60.1926, 100.5997** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **62.3601, 84.2811, 56.1636**, and the grayscale version is **60.8343, 64.0025, 69.6987**.

A 20% lighter version of the original color is **88.9983, 87.8967, 106.8828**, and **40.1974, 30.2711, 55.9488** is the 20% darker color. If you saturate the color by 10%, you get **70.1749, 50.9307, 98.5094**, and if you desaturate by 10%, it is **80.5510, 71.3453, 103.0088**.

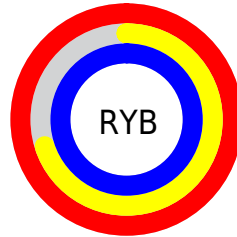
Distribution



Red (100%)

Green (70%)

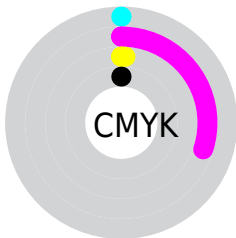
Blue (99%)



Red (100%)

Yellow (70%)

Blue (99%)

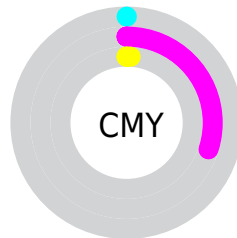


Cyan (0%)

Magenta (30%)

Yellow (1%)

Black (0%)



Cyan (0%)


Magenta (30%)


Yellow (1%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 74.8900, 60.1926, 100.5997 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 74.8900, 60.1926, 100.5997 by changing the saturation by 10% instead.


 74.8900, 60.1926,
100.5997

 74.8900, 60.1926,
100.5997


466.5424,
425.3073, 583.3768

 55.8166, 43.5739,
76.1818


 125.1454,
105.1090, 164.0401

 40.2923, 30.3357,
56.0740

157.0581,
134.1755, 203.8997

 27.9518, 20.0935,
39.8579

193.9813,
168.1600, 249.7436

 18.4296, 12.4630,
27.1148

236.2804,
207.4470, 301.9904

 11.3604, 7.0598,
17.4263

284.3207,
252.4209, 361.0585

 6.3789, 3.4996,
10.3737

338.4676,

 3.1196, 1.3978,

303.4659, 427.3666

5.5386

399.0864,
360.9666, 501.3332

■ 1.2173, 0.2151,
2.5024

■ 0.1200, 0.0000,
0.8414

■ 74.8900, 60.1926,
100.5997

■ 74.8900, 60.1926,
100.5997

■ 70.1749, 50.9307,
98.5094

■ 80.5510, 71.3453,
103.0088

■ 66.3496, 43.4480,
96.7166

■ 87.2024, 84.4783,
105.7490

■ 63.3579, 37.6318,
95.2034

94.8904, 99.6841,
108.8366

■ 61.1355, 33.3539,
93.9486

95.0500, 100.0000,
108.9000

■ 59.6092, 30.4674,
92.9275

■ 58.6911, 28.7969,
92.1110

■ 58.2422, 28.0609,
91.4626

Harmonies

Analogous

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



66.3465, 60.1926, 128.1147



74.8900, 60.1926, 100.5997



78.6748, 60.1926, 68.6510

Triad

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



74.8900, 60.1926, 100.5997



58.2876, 60.1926, 24.4539



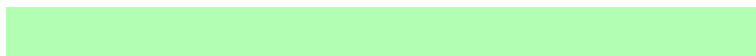
41.6875, 60.1926, 93.7029

Complementary

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



74.8900, 60.1926, 100.5997



62.3601, 84.2811, 56.1636

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.



40.0563, 60.1926, 62.5234



74.8900, 60.1926, 100.5997



48.9556, 60.1926, 27.6107

Square

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



74.8900, 60.1926, 100.5997



68.4127, 60.1926, 29.3683



42.5597, 60.1926, 39.7492



47.3046, 60.1926, 123.3847

Rectangle

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



74.8900, 60.1926, 100.5997



77.6973, 60.1926, 50.8432



42.5597, 60.1926, 39.7492



40.6854, 60.1926, 82.8256

Sweetspot

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



74.8913, 60.1949, 100.6010



88.0649, 86.1831, 106.0991



52.6288, 48.6812, 101.2303



18.6249, 18.0029, 22.6184



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.



74.8913, 60.1949, 100.6010



72.0413, 54.5929, 99.3491



69.4555, 58.0206, 71.9764



18.7711, 18.2918, 22.6778



30.4420, 14.6661, 47.8396



2.9702, 1.4305, 4.6907

Inverse Universe

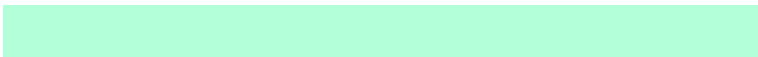
The Inverse Universe completely reimagines the original color for something new.



74.8913, 60.1949, 100.6010



72.0413, 54.5929, 99.3491



66.7483, 86.0364, 79.2717



18.7711, 18.2918, 22.6778



30.4420, 14.6661, 47.8396



2.9702, 1.4305, 4.6907

Previews

White Background



This preview shows how the XYZ color 74.8900, 60.1926, 100.5997 looks on a white background.

Color Contrast Check

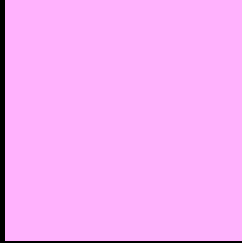
Large Text (above 18pt) WCAG AA × Fail

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 74.8900, 60.1926, 100.5997 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

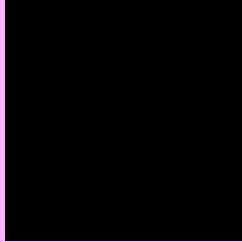
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 74.8900, 60.1926, 100.5997

Background



This preview shows how black text looks on a background with the XYZ color 74.8900, 60.1926, 100.5997.

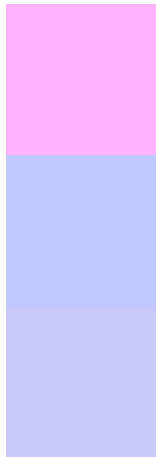


This preview shows how white text looks on a background with the XYZ color 74.8900, 60.1926,

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

74.8900, 60.1926, 100.5997

Protanopia

60.4057, 60.4082, 103.0840

Deuteranopia

61.8406, 60.5656, 98.0535



Tritanopia

67.3553, 60.1872, 63.9444

Trichromacy



Original Color

74.8900, 60.1926, 100.5997



Protanomaly

64.6909, 59.5918, 101.8587



Deuteranomaly

65.9237, 59.9736, 98.5440



Tritanomaly

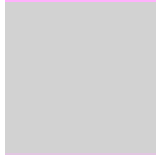
69.9753, 60.0107, 76.3017

Monochromacy



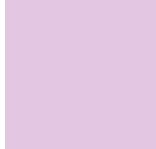
Original Color

74.8900, 60.1926, 100.5997



Achromatopsia

61.2578, 64.4480, 70.1838



Achromatomaly

65.2856, 62.0479, 80.4870

CSS Examples

Text

The CSS property to change the color of the text to XYZ 74.8900, 60.1926, 100.5997 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, 178, 253)` looks like.

```
.text, #text, p{  
    color:rgb(255, 178, 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, 178, 253) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 178, 253) }
```

Border

The CSS property to change the border of an element to XYZ 74.8900, 60.1926, 100.5997 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, 178, 253) }
```


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

```
.border{ border-color:rgb(255, 178, 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, 178, 253)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 178, 253); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 178, 253);  
box-shadow:4px 4px 4px 4px rgb(255, 178,  
253) }
```

Background

The CSS property to change the background color of an element to XYZ 74.8900, 60.1926, 100.5997 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 178, 253) }
```

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

```
.background{ background-color: rgb(255,  
178, 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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