

Converting Colors

XYZ(86.8985, 67.5618,
101.1820)

Have a look what the booklet for
XYZ(86.8985, 67.5618, 101.1820)
contains.

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Color

**XYZ(75.6976, 61.8077,
100.8689)**

Conversions

Conversions Part 1

Format	Color
Hex	FFB6FD
RGB	255, 182, 253
RGB Percent	100%, 71%, 99%
CMY	0.0000, 0.2863, 0.0078
CMYK	0.00, 0.29, 0.01, 0.00
HSL	302°, 100%, 86%
HSV	302°, 29%, 100%
XYZ	75.6976, 61.8077, 100.8689
YIQ	211.9210, 20.7170, 37.5570

Conversions

Conversions Part 2

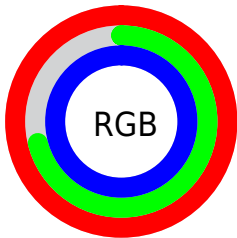
Format	Color
R _Y B	255, 182, 253
Decimal	16758525
CIE _{Lab}	82.81, 37.56, -24.60
CIE _{LCh}	83, 44.898, 326.771
Yxy	61.8077, 0.3176, 0.2593
Android (android.graphics.Color)	4294948605 (0xFFFFB6FD)
YUV	211.9210, 20.2519, 37.7803
Hunter-Lab	78.6179, 34.2883, -21.0382

Details

The XYZ color **75.6976, 61.8077, 100.8689** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **63.7049, 84.9266, 58.3847**, and the grayscale version is **62.3882, 65.6373, 71.4790**.

A 20% lighter version of the original color is **90.1565, 90.2130, 107.2688**, and **40.7089, 31.2942, 56.1193** is the 20% darker color. If you saturate the color by 10%, you get **70.8322, 52.2544, 98.7001**, and if you desaturate by 10%, it is **81.5168, 73.2675, 103.3594**.

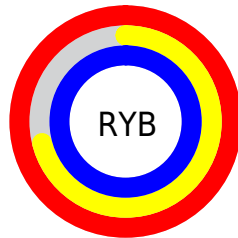
Distribution



Red (100%)

Green (71%)

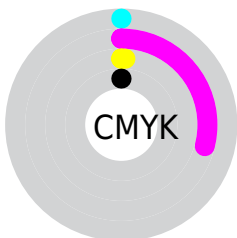
Blue (99%)



Red (100%)

Yellow (71%)

Blue (99%)

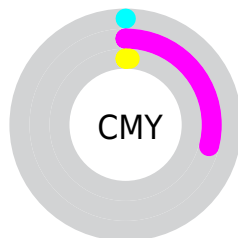


Cyan (0%)

Magenta (29%)

Yellow (1%)

Black (0%)



Cyan (0%)


Magenta (29%)


Yellow (1%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 75.6976, 61.8077, 100.8689 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 75.6976, 61.8077, 100.8689 by changing the saturation by 10% instead.


 75.6976, 61.8077,
100.8689

 75.6976, 61.8077,
100.8689


469.2722,
431.2293, 584.2453

 56.4808, 44.8773,
76.4055


 126.2820,
107.4476, 164.4130

 40.8270, 31.3608,
56.2564

158.3803,
136.9258, 204.3308

 28.3710, 20.8738,
40.0032


195.5030,
171.3555, 250.2371

 18.7474, 13.0318,
27.2272

238.0157,
211.1211, 302.5504

 11.5908, 7.4504,
17.5100

286.2836,
256.6068, 361.6894

 6.5359, 3.7453,
10.4330

340.6721,

 3.2173, 1.5322,

308.1972, 428.0725

5.5776

401.5465,
366.2765, 502.1183

■ 1.2697, 0.3112,
2.5254

■ 0.1604, 0.0000,
0.8536

■ 75.6976, 61.8077,
100.8689

■ 75.6976, 61.8077,
100.8689

■ 70.8322, 52.2544,
98.7001

■ 81.5168, 73.2675,
103.3594

■ 66.8651, 44.4973,
96.8318

■ 88.3336, 86.7222,
106.1836

■ 63.7410, 38.4256,
95.2466

95.0500, 100.0000,
108.9000

■ 61.3970, 33.9133,
93.9234

■ 59.7613, 30.8170,
92.8383

■ 58.7490, 28.9668,
91.9630

■ 58.2389, 28.1204,
91.2571

■ 58.1859, 28.0384,
91.1659

Harmonies

Analogous

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



67.5181, 61.8077, 126.8568



75.6976, 61.8077, 100.8689



79.3161, 61.8077, 70.3402

Triad

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



75.6976, 61.8077, 100.8689



59.7992, 61.8077, 26.9270



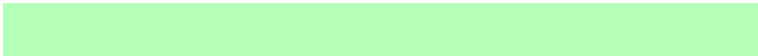
43.6713, 61.8077, 94.2211

Complementary

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



75.6976, 61.8077, 100.8689



63.7049, 84.9266, 58.3847

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.



42.0811, 61.8077, 64.3450



75.6976, 61.8077, 100.8689



50.7693, 61.8077, 30.0944

Square

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



75.6976, 61.8077, 100.8689



69.5267, 61.8077, 31.8815



44.5358, 61.8077, 42.1490



49.1423, 61.8077, 122.3377

Rectangle

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



75.6976, 61.8077, 100.8689



78.3905, 61.8077, 53.0834



44.5358, 61.8077, 42.1490



42.6931, 61.8077, 83.8476

Sweetspot

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



75.6989, 61.8101, 100.8702



88.0597, 86.1810, 106.0715



54.3604, 50.7727, 101.5427



18.6236, 18.0024, 22.6115



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.



75.6989, 61.8101, 100.8702



72.9681, 56.4442, 99.6652



70.5307, 59.7428, 73.6551



18.7699, 18.2913, 22.6715



30.4131, 14.6545, 47.6871



2.9677, 1.4295, 4.6775

Inverse Universe

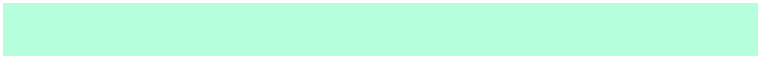
The Inverse Universe completely reimagines the original color for something new.



75.6989, 61.8101, 100.8702



72.9681, 56.4442, 99.6652



67.9338, 86.6182, 80.6539



18.7699, 18.2913, 22.6715



30.4131, 14.6545, 47.6871



2.9677, 1.4295, 4.6775

Previews

White Background



This preview shows how the XYZ color 75.6976, 61.8077, 100.8689 looks on a white background.

Color Contrast Check

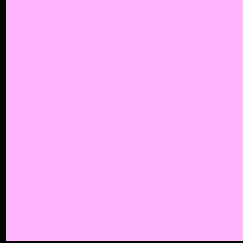
Large Text (above 18pt) WCAG AA × Fail

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 75.6976, 61.8077, 100.8689 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

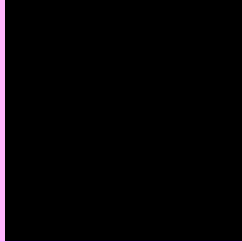
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 75.6976, 61.8077, 100.8689

Background



This preview shows how black text looks on a background with the XYZ color 75.6976, 61.8077, 100.8689.



This preview shows how white text looks on a background with the XYZ color 75.6976, 61.8077,

100.8689.

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

75.6976, 61.8077, 100.8689

Protanopia

62.1295, 62.3520, 103.3683

Deuteranopia

63.3963, 62.0597, 98.2599



Tritanopia

68.8383, 61.8576, 66.7041

Trichromacy



Original Color

75.6976, 61.8077, 100.8689



Protanomaly

66.1745, 61.6872, 102.1850



Deuteranomaly

67.2019, 61.6203, 98.7945



Tritanomaly

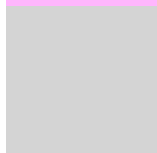
71.0862, 61.8034, 77.9946

Monochromacy



Original Color

75.6976, 61.8077, 100.8689



Achromatopsia

62.5785, 65.8375, 71.6970



Achromatomaly

66.7467, 63.8133, 81.4723

CSS Examples

Text

The CSS property to change the color of the text to XYZ 75.6976, 61.8077, 100.8689 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, 182, 253)` looks like.

```
.text, #text, p{  
    color:rgb(255, 182, 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, 182, 253) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 182, 253) }
```

Border

The CSS property to change the border of an element to XYZ 75.6976, 61.8077, 100.8689 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, 182, 253) }
```


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

```
.border{ border-color:rgb(255, 182, 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, 182, 253)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 182, 253); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 182, 253);  
box-shadow:4px 4px 4px 4px rgb(255, 182,  
253) }
```

Background

The CSS property to change the background color of an element to XYZ 75.6976, 61.8077, 100.8689 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 182, 253) }
```

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

```
.background{ background-color: rgb(255,  
182, 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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