

Converting Colors

XYZ(81.5385, 70.4398,
127.9857)

Have a look what the booklet for
XYZ(81.5385, 70.4398, 127.9857)
contains.

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Color

**XYZ(76.9427, 68.5861,
103.7909)**

Conversions

Conversions Part 1

Format	Color
Hex	F6C9FF
RGB	246, 201, 255
RGB Percent	96%, 79%, 100%
CMY	0.0353, 0.2117, 0.0000
CMYK	0.04, 0.21, 0.00, 0.00
HSL	290°, 100%, 89%
HSV	290°, 21%, 100%
XYZ	76.9427, 68.5861, 103.7909
YIQ	220.6110, 9.4860, 26.3340

Conversions

Conversions Part 2

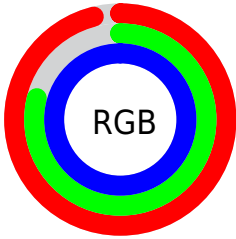
Format	Color
R _Y B	246, 201, 255
Decimal	16173567
CIE Lab	86.30, 25.05, -20.46
CIE LCh	86, 32.341, 320.766
Yxy	68.5861, 0.3086, 0.2751
Android (android.graphics.Color)	4294363647 (0xFFFF6C9FF)
YUV	220.6110, 16.9538, 22.2662
Hunter-Lab	82.8167, 20.9101, -16.3341

Details

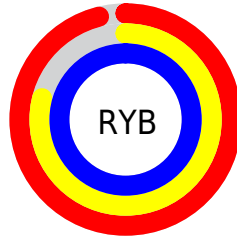
The XYZ color **76.9427, 68.5861, 103.7909** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **72.8826, 89.4394, 68.6839**, and the grayscale version is **68.3367, 71.8955, 78.2942**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **41.6130, 35.7635, 58.1359** is the 20% darker color. If you saturate the color by 10%, you get **70.0115, 56.9105, 101.9026**, and if you desaturate by 10%, it is **84.8985, 82.2585, 106.0106**.

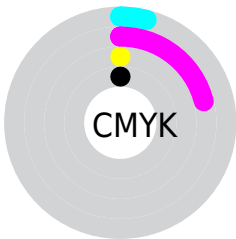
Distribution



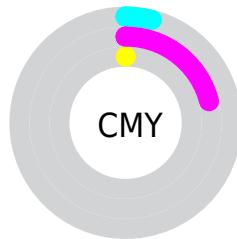
- Red (96%)
- Green (79%)
- Blue (100%)



- Red (96%)
- Yellow (79%)
- Blue (100%)



- Cyan (4%)
- Magenta (21%)
- Yellow (0%)
- Black (0%)




- Cyan (4%)
- Magenta (21%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 76.9427, 68.5861, 103.7909 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 76.9427, 68.5861, 103.7909 by changing the saturation by 10% instead.


 76.9427, 68.5861,
103.7909

 76.9427, 68.5861,
103.7909


473.4636,
455.5698, 593.6296

 57.5056, 50.3747,
78.8358


128.0319,
117.1902, 168.4542

 41.6530, 35.7112,
58.2403


160.4147,
148.3517, 208.9995

 29.0196, 24.2112,
41.5859

197.8434,
184.5987, 255.5785

 19.2400, 15.4904,
28.4540

240.6834,
226.3156, 308.6099

 11.9489, 9.1643,
18.4262

289.3001,
273.8867, 368.5122

 6.7808, 4.8485,
11.0838

344.0588,

 3.3705, 2.1586,

327.6966, 435.7039

6.0083

405.3248,
388.1294, 510.6035

■ 1.3526, 0.6973,
2.7813

■ 0.2221, 0.0000,
0.9841

■ 76.9427, 68.5861,
103.7909

■ 76.9427, 68.5861,
103.7909

■ 70.0115, 56.9105,
101.9026

■ 84.8985, 82.2585,
106.0106

■ 64.0504, 47.1256,
100.3281

■ 93.9187, 98.0097,
108.5754

■ 59.0082, 39.1286,
99.0502

95.0500, 100.0000,
108.9000

■ 54.8267, 32.8033,
98.0497

■ 51.4407, 28.0199,
97.3049

■ 48.7754, 24.6289,
96.7908

■ 46.7411, 22.4512,
96.4777

■ 45.3471, 21.2922,
96.3275

Harmonies

Analogous

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



70.4083, 68.5861, 120.0520



76.9427, 68.5861, 103.7909



80.3969, 68.5861, 81.4661

Triad

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



76.9427, 68.5861, 103.7909



67.5178, 68.5861, 41.0267



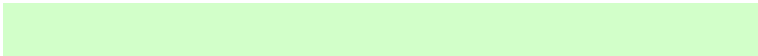
52.6757, 68.5861, 90.2115

Complementary

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



76.9427, 68.5861, 103.7909



72.8826, 89.4394, 68.6839

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.



52.0311, 68.5861, 68.2790



76.9427, 68.5861, 103.7909



60.2343, 68.5861, 42.4766

Square

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



76.9427, 68.5861, 103.7909



74.6887, 68.5861, 47.1643



54.6978, 68.5861, 51.5929



56.5311, 68.5861, 111.2316

Rectangle

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



76.9427, 68.5861, 103.7909



80.3203, 68.5861, 67.2644



54.6978, 68.5861, 51.5929



52.0885, 68.5861, 82.6185

Sweetspot

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



76.9446, 68.5890, 103.7913



89.4300, 90.1433, 107.2937



65.1865, 65.7337, 103.8599



19.0159, 19.0747, 22.9295



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.



76.9446, 68.5890, 103.7913



74.1743, 63.8912, 103.0306



77.4142, 69.1503, 89.3893



18.4780, 18.1382, 22.7771



23.8048, 11.1823, 50.3383



2.3932, 1.1276, 4.9048

Inverse Universe

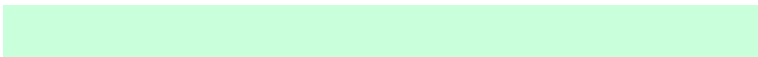
The Inverse Universe completely reimagines the original color for something new.



73.7612, 67.6891, 70.1527



70.5711, 62.8890, 64.2181



72.6355, 89.0529, 80.3809



18.1328, 18.0365, 19.3167



21.8078, 11.2124, 2.3722



2.1564, 1.1049, 0.4049

Previews

White Background



This preview shows how the XYZ color 76.9427, 68.5861, 103.7909 looks on a white background.

Color Contrast Check

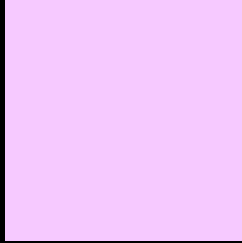
Large Text (above 18pt) WCAG AA × Fail

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 76.9427, 68.5861, 103.7909 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

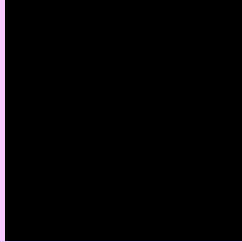
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 76.9427, 68.5861, 103.7909

Background



This preview shows how black text looks on a background with the XYZ color 76.9427, 68.5861, 103.7909.



This preview shows how white text looks on a background with the XYZ color 76.9427, 68.5861,

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

76.9427, 68.5861, 103.7909

Protanopia

68.0826, 69.0863, 104.3544

Deuteranopia

70.2373, 68.7404, 102.4948



Tritanopia

71.9077, 68.6541, 79.2737

Trichromacy



Original Color

76.9427, 68.5861, 103.7909



Protanomaly

70.9154, 68.6853, 104.1277



Deuteranomaly

72.5153, 68.4394, 103.1541



Tritanomaly

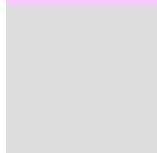
73.7889, 68.7155, 87.9716

Monochromacy



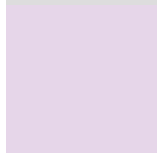
Original Color

76.9427, 68.5861, 103.7909



Achromatopsia

68.7264, 72.3055, 78.7407



Achromatomaly

71.3877, 70.7993, 86.9939

CSS Examples

Text

The CSS property to change the color of the text to XYZ 76.9427, 68.5861, 103.7909 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(246, 201, 255)` looks like.

```
.text, #text, p{  
    color:rgb(246, 201, 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(246, 201, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 201, 255) }
```

Border

The CSS property to change the border of an element to XYZ 76.9427, 68.5861, 103.7909 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(246, 201, 255) }
```


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

```
.border{ border-color:rgb(246, 201, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(246, 201, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 201, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 201, 255);  
box-shadow:4px 4px 4px 4px rgb(246, 201,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 76.9427, 68.5861, 103.7909 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 201, 255) }
```

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

```
.background{ background-color: rgb(246,  
201, 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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