

Converting Colors

XYZ(76.6027, 67.4991,
103.5990)

Have a look what the booklet for
XYZ(76.6027, 67.4991, 103.5990)
contains.

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Color

**XYZ(76.6019, 67.3823,
103.5765)**

Conversions

Conversions Part 1

Format	Color
Hex	F7C6FF
RGB	247, 198, 255
RGB Percent	97%, 78%, 100%
CMY	0.0314, 0.2235, 0.0000
CMYK	0.03, 0.22, 0.00, 0.00
HSL	292°, 100%, 89%
HSV	292°, 22%, 100%
XYZ	76.6019, 67.3823, 103.5765
YIQ	219.1490, 10.9070, 28.1150

Conversions

Conversions Part 2

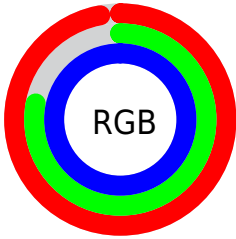
Format	Color
R_{YB}	247, 198, 255
Decimal	16238335
CIE _{Lab}	85.70, 26.96, -21.36
CIE _{LCh}	86, 34.392, 321.610
Yxy	67.3823, 0.3094, 0.2722
Android (android.graphics.Color)	4294428415 (0xFFFF7C6FF)
YUV	219.1490, 17.6745, 24.4253
Hunter-Lab	82.0867, 22.9213, -17.3510

Details

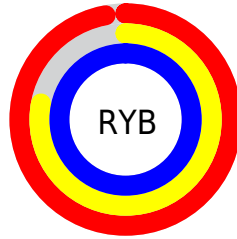
The XYZ color **76.6019, 67.3823, 103.5765** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **71.4082, 88.7198, 66.7903**, and the grayscale version is **67.3129, 70.8184, 77.1213**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **41.4015, 34.9709, 57.9940** is the 20% darker color. If you saturate the color by 10%, you get **70.0074, 56.0479, 101.7363**, and if you desaturate by 10%, it is **84.2056, 80.6972, 105.7457**.

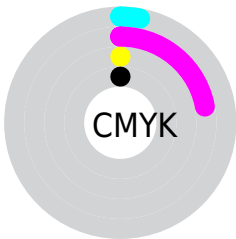
Distribution



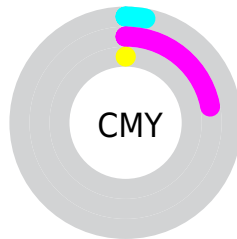
- Red (97%)
- Green (78%)
- Blue (100%)



- Red (97%)
- Yellow (78%)
- Blue (100%)



- Cyan (3%)
- Magenta (22%)
- Yellow (0%)
- Black (0%)



- Cyan (3%)
- Magenta (22%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 76.6019, 67.3823, 103.5765 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 76.6019, 67.3823, 103.5765 by changing the saturation by 10% instead.

76.6019, 67.3823,
103.5765

76.6019, 67.3823,
103.5765

472.3184,
451.3044, 592.9437

57.2250, 49.3954,
78.6573

127.5532,
115.4680, 168.1581

41.4267, 34.9332,
58.0944

159.8583,
146.3356, 208.6575

28.8418, 23.6114,
41.4694

197.2035,
182.2656, 255.1875

19.1049, 15.0456,
28.3636

239.9541,
223.6423, 308.1665

11.8505, 8.8514,
18.3585

288.4756,
270.8501, 368.0131

6.7135, 4.6444,
11.0356

343.1332,

3.3283, 2.0402,

324.2735, 435.1458

5.9763

404.2924,
384.2968, 509.9832

■ 1.3297, 0.6307,
2.7621

■ 0.2052, 0.0000,
0.9745

■ 76.6019, 67.3823,
103.5765

■ 76.6019, 67.3823,
103.5765

■ 70.0074, 56.0479,
101.7363

■ 84.2056, 80.6972,
105.7457

■ 64.3672, 46.5873,
100.2075

■ 92.8585, 96.0755,
108.2580

■ 59.6297, 38.8965,
98.9727

95.0500, 100.0000,
108.9000

■ 55.7360, 32.8580,
98.0124

■ 52.6201, 28.3399,
97.3045

■ 50.2060, 25.1903,
96.8238

■ 48.4014, 23.2253,
96.5396

■ 47.3285, 22.3136,
96.4202

Harmonies

Analogous

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



69.7587, 67.3823, 121.2701



76.6019, 67.3823, 103.5765



80.1456, 67.3823, 79.8489

Triad

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



76.6019, 67.3823, 103.5765



66.2696, 67.3823, 38.4092



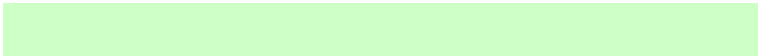
51.0273, 67.3823, 90.4443

Complementary

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



76.6019, 67.3823, 103.5765



71.4082, 88.7198, 66.7903

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.



50.2592, 67.3823, 67.2474



76.6019, 67.3823, 103.5765



58.6519, 67.3823, 40.1046

Square

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



76.6019, 67.3823, 103.5765



73.8698, 67.3823, 44.4648



52.9410, 67.3823, 49.6907



55.1322, 67.3823, 112.6757

Rectangle

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



76.6019, 67.3823, 103.5765



79.9749, 67.3823, 65.0177



52.9410, 67.3823, 49.6907



50.3845, 67.3823, 82.4041

Sweetspot

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



76.6038, 67.3851, 103.5769



88.7021, 88.6633, 107.0464



63.5452, 63.6366, 103.5416



18.8741, 18.7788, 22.8799



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.



76.6038, 67.3851, 103.5769



73.4149, 61.8744, 102.6813



76.4382, 67.6518, 87.6659



18.5273, 18.1636, 22.7794



24.8266, 11.7090, 50.3861



2.4831, 1.1740, 4.9090

Inverse Universe

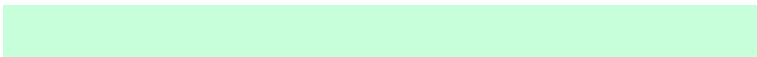
The Inverse Universe completely reimagines the original color for something new.



72.5763, 66.1070, 67.3294



68.7729, 60.4180, 60.1493



71.6989, 88.5860, 79.6176



18.1132, 18.0286, 19.2131



21.7447, 11.1872, 2.0404



2.1471, 1.1012, 0.3563

Previews

White Background



This preview shows how the XYZ color 76.6019, 67.3823, 103.5765 looks on a white background.

Color Contrast Check

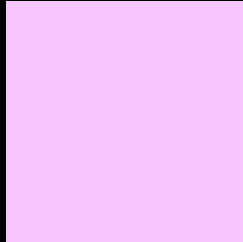
Large Text (above 18pt) WCAG AA × Fail

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 76.6019, 67.3823, 103.5765 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

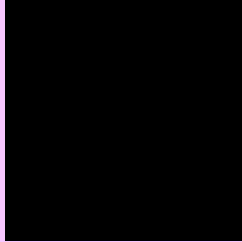
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 76.6019, 67.3823, 103.5765

Background



This preview shows how black text looks on a background with the XYZ color 76.6019, 67.3823, 103.5765.



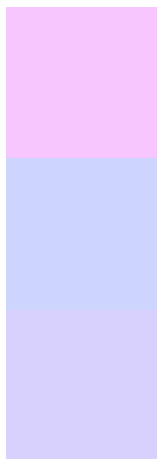
This preview shows how white text looks on a background with the XYZ color 76.6019, 67.3823,

103.5765.

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

76.6019, 67.3823, 103.5765

Protanopia

67.0211, 67.7876, 104.1597

Deuteranopia

69.1454, 67.4445, 102.3022



Tritanopia

71.1291, 67.2303, 76.9380

Trichromacy



Original Color

76.6019, 67.3823, 103.5765



Protanomaly

70.1211, 67.5474, 103.9499



Deuteranomaly

71.7156, 67.3124, 102.9787



Tritanomaly

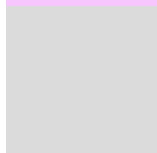
73.1367, 67.3573, 86.2373

Monochromacy



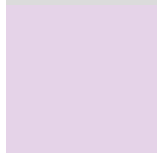
Original Color

76.6019, 67.3823, 103.5765



Achromatopsia

67.3311, 70.8376, 77.1421



Achromatomaly

70.1729, 69.0727, 85.9778

CSS Examples

Text

The CSS property to change the color of the text to XYZ 76.6019, 67.3823, 103.5765 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(247, 198, 255)` looks like.

```
.text, #text, p{  
    color:rgb(247, 198, 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(247, 198, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 198, 255) }
```

Border

The CSS property to change the border of an element to XYZ 76.6019, 67.3823, 103.5765 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(247, 198, 255) }
```


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

```
.border{ border-color:rgb(247, 198, 255) }
```

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

Here you see how a box with a 4 pixel rgb(247, 198, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 198, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 198, 255);  
box-shadow:4px 4px 4px 4px rgb(247, 198,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 76.6019, 67.3823, 103.5765 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 198, 255) }
```

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

```
.background{ background-color: rgb(247,  
198, 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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