

Converting Colors

XYZ(75.4374, 67.8844,
100.3986)

Have a look what the booklet for
XYZ(75.4374, 67.8844, 100.3986)
contains.

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Color

**XYZ(75.6075, 67.9714,
100.4016)**

Conversions

Conversions Part 1

Format	Color
Hex	F4C9FB
RGB	244, 201, 251
RGB Percent	96%, 79%, 98%
CMY	0.0431, 0.2117, 0.0157
CMYK	0.03, 0.20, 0.00, 0.02
HSL	292°, 86%, 89%
HSV	292°, 20%, 98%
XYZ	75.6075, 67.9714, 100.4016
YIQ	219.5570, 9.5780, 24.6660

Conversions

Conversions Part 2

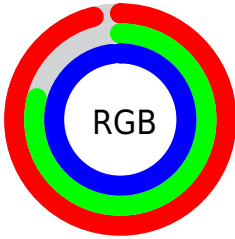
Format	Color
RYB	244, 201, 251
Decimal	16042491
CIELab	85.99, 23.66, -18.82
CIELCh	86, 30.231, 321.505
Yxy	67.9714, 0.3099, 0.2786
Android (android.graphics.Color)	4294232571 (0xFFFF4C9FB)
YUV	219.5570, 15.5014, 21.4365
Hunter-Lab	82.4448, 19.4184, -14.4923

Details

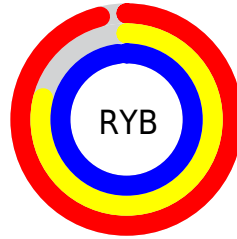
The XYZ color **75.6075, 67.9714, 100.4016** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **71.0545, 86.6230, 68.2366**, and the grayscale version is **67.6115, 71.1326, 77.4634**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.6648, 35.3273, 55.7145** is the 20% darker color. If you saturate the color by 10%, you get **69.0206, 56.5894, 98.5528**, and if you desaturate by 10%, it is **83.1778, 81.2833, 102.5731**.

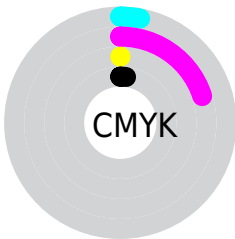
Distribution



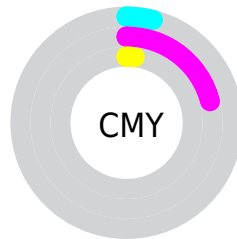
- Red (96%)
- Green (79%)
- Blue (98%)



- Red (96%)
- Yellow (79%)
- Blue (98%)



- Cyan (3%)
- Magenta (20%)
- Yellow (0%)
- Black (2%)





- Cyan (4%)
- Magenta (21%)
- Yellow (2%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 75.6075, 67.9714, 100.4016 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 75.6075, 67.9714, 100.4016 by changing the saturation by 10% instead.


 75.6075, 67.9714,
100.4016

 75.6075, 67.9714,
100.4016


468.9681,
453.3947, 582.7371

 56.4066, 49.8745,
76.0172


126.1553,
116.3112, 163.7656

 40.7673, 35.3137,
55.9399

158.2329,
147.3229, 203.5824

 28.3242, 23.9046,
39.7511


195.3334,
183.4083, 249.3804

 18.7119, 15.2629,
27.0322

237.8223,
224.9518, 301.5781

 11.5650, 9.0041,
17.3647

286.0649,
272.3378, 360.5941

 6.5183, 4.7438,
10.3302


340.4264,


 3.2064, 2.0978,


325.9507, 426.8469


5.5100


401.2724,
386.1748, 500.7551


 1.2638, 0.6634,
2.4856


 0.1559, 0.0000,
0.8325


 75.6075, 67.9714,
100.4016

 75.6075, 67.9714,
100.4016


 69.0206, 56.5894,
98.5528


 83.1778, 81.2833,
102.5731

 63.3645, 47.0357,
97.0069

 91.7686, 96.6027,
105.0772

 58.5907, 39.2127,
95.7485

 94.2451, 99.6587,
105.5366

 54.6441, 33.0100,
94.7593

 94.4128, 99.7451,
105.5444

■ 51.4630, 28.3048,
94.0187

■ 48.9771, 24.9561,
93.5034

■ 47.1023, 22.7964,
93.1853

■ 45.7016, 21.5518,
93.0189

■ 45.6910, 21.5430,
93.0178

Harmonies

Analogous

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



69.6147, 67.9714, 115.5056



75.6075, 67.9714, 100.4016



78.7033, 67.9714, 79.7926

Triad

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



75.6075, 67.9714, 100.4016



66.5938, 67.9714, 42.3129



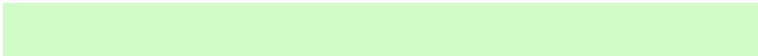
52.9810, 67.9714, 88.9019

Complementary

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



75.6075, 67.9714, 100.4016



71.0545, 86.6230, 68.2366

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.



52.2992, 67.9714, 68.5124



75.6075, 67.9714, 100.4016



59.8412, 67.9714, 43.8736

Square

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



75.6075, 67.9714, 100.4016



73.2610, 67.9714, 47.9744



54.7249, 67.9714, 52.7019



56.6588, 67.9714, 108.0835

Rectangle

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



75.6075, 67.9714, 100.4016



78.5648, 67.9714, 66.6544



54.7249, 67.9714, 52.7019



52.4049, 67.9714, 81.8863

Sweetspot

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



75.6096, 67.9743, 100.4031



89.5782, 90.2197, 107.3006



64.1807, 64.7416, 100.3815



19.0510, 19.0928, 22.9311



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.



75.6096, 67.9743, 100.4031



75.4552, 65.3857, 103.2515



75.4519, 68.1972, 86.6544



17.7401, 17.3942, 21.8077



24.1106, 11.3721, 48.8978



2.2966, 1.0860, 4.5318

Inverse Universe

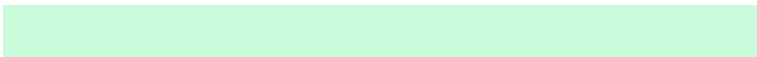
The Inverse Universe completely reimagines the original color for something new.



72.0577, 66.8395, 68.7809



71.1916, 64.0363, 64.7137



71.3073, 86.5017, 79.6141



17.3436, 17.2648, 18.3989



21.1031, 10.8569, 1.9853



1.9837, 1.0172, 0.3378

Previews

White Background



This preview shows how the XYZ color 75.6075, 67.9714, 100.4016 looks on a white background.

Color Contrast Check

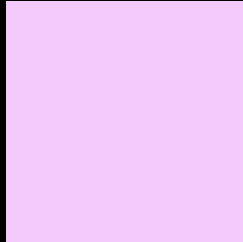
Large Text (above 18pt) WCAG AA × Fail

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 75.6075, 67.9714, 100.4016 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

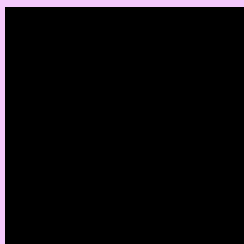
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 75.6075, 67.9714, 100.4016

Background



This preview shows how black text looks on a background with the XYZ color 75.6075, 67.9714, 100.4016.

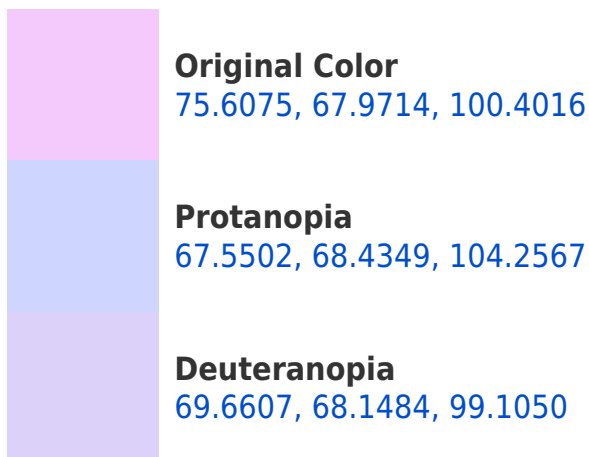


This preview shows how white text looks on a background with the XYZ color 75.6075, 67.9714,

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





Tritanopia

71.1913, 67.9418, 78.4691

Trichromacy



Original Color

75.6075, 67.9714, 100.4016

Protanomaly

70.2051, 67.9723, 103.1857

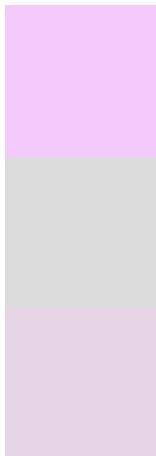
Deuteranomaly

71.8812, 68.1858, 99.8151

Tritanomaly

72.5765, 67.7697, 86.3465

Monochromacy



Original Color

75.6075, 67.9714, 100.4016

Achromatopsia

68.0267, 71.5694, 77.9390

Achromatomaly

70.5312, 70.0160, 85.3984

CSS Examples

Text

The CSS property to change the color of the text to XYZ 75.6075, 67.9714, 100.4016 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(244, 201, 251)` looks like.

```
.text, #text, p{  
    color:rgb(244, 201, 251)  
}
```

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(244, 201, 251) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 201, 251) }
```

Border

The CSS property to change the border of an element to XYZ 75.6075, 67.9714, 100.4016 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(244, 201, 251) }
```


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

```
.border{ border-color:rgb(244, 201, 251) }
```

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

Here you see how a box with a 4 pixel `rgb(244, 201, 251)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 201, 251); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 201, 251);  
box-shadow:4px 4px 4px 4px rgb(244, 201,  
251) }
```

Background

The CSS property to change the background color of an element to XYZ 75.6075, 67.9714, 100.4016 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 201, 251) }
```

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

```
.background{ background-color: rgb(244,  
201, 251) }
```

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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