

Converting Colors

XYZ(76.0205, 69.1591,
103.9501)

Have a look what the booklet for
XYZ(76.0205, 69.1591, 103.9501)
contains.

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Color

**XYZ(75.9185, 69.1065,
103.9453)**

Conversions

Conversions Part 1

Format	Color
Hex	F1CCFF
RGB	241, 204, 255
RGB Percent	95%, 80%, 100%
CMY	0.0549, 0.2000, 0.0000
CMYK	0.05, 0.20, 0.00, 0.00
HSL	284°, 100%, 90%
HSV	284°, 20%, 100%
XYZ	75.9185, 69.1065, 103.9453
YIQ	220.8770, 5.6810, 23.7050

Conversions

Conversions Part 2

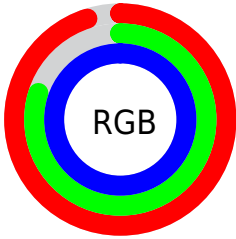
Format	Color
R _Y B	241, 204, 255
Decimal	15846655
CIE Lab	86.56, 21.86, -20.11
CIE LCh	87, 29.703, 317.393
Yxy	69.1065, 0.3049, 0.2776
Android (android.graphics.Color)	4294036735 (0xFFFF1CCFF)
YUV	220.8770, 16.8226, 17.6479
Hunter-Lab	83.1303, 17.5365, -15.9444

Details

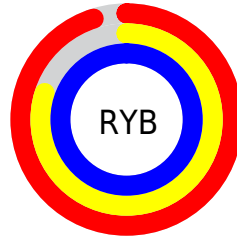
The XYZ color **75.9185, 69.1065, 103.9453** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **75.5742, 90.7858, 70.6703**, and the grayscale version is **68.5256, 72.0943, 78.5107**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **41.1070, 36.2042, 58.2476** is the 20% darker color. If you saturate the color by 10%, you get **68.0035, 56.7551, 101.9784**, and if you desaturate by 10%, it is **84.9213, 83.4954, 106.2481**.

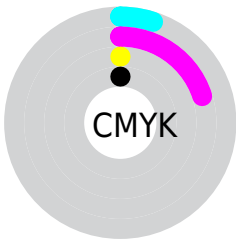
Distribution



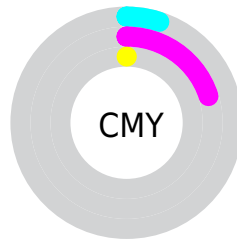
- Red (95%)
- Green (80%)
- Blue (100%)



- Red (95%)
- Yellow (80%)
- Blue (100%)



- Cyan (5%)
- Magenta (20%)
- Yellow (0%)
- Black (0%)



- Cyan (5%)
- Magenta (20%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 75.9185, 69.1065, 103.9453 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 75.9185, 69.1065, 103.9453 by changing the saturation by 10% instead.

75.9185, 69.1065,
103.9453

75.9185, 69.1065,
103.9453

470.0173,
457.4065, 594.1233

56.6625, 50.7984,
78.9643

126.5927,
117.9337, 168.6674

40.9734, 36.0482,
58.3453

158.7415,
149.2216, 209.2457

28.4859, 24.4714,
41.6698

195.9188,
185.6049, 255.8601

18.8346, 15.6837,
28.5192

238.4897,
227.4680, 308.9291

11.6541, 9.3006,
18.4750

286.8196,
275.1954, 368.8715

6.5791, 4.9378,
11.1186

341.2740,

3.2443, 2.2108,

329.1713, 436.1056

6.0315

402.2181,
389.7802, 511.0500

■ 1.2842, 0.7259,
2.7951

■ 0.1714, 0.0000,
0.9910

■ 75.9185, 69.1065,
103.9453

■ 75.9185, 69.1065,
103.9453

■ 68.0035, 56.7551,
101.9784

■ 84.9213, 83.4954,
106.2481

■ 61.1214, 46.3355,
100.3299

95.0500, 100.0000,
108.9000

■ 55.2208, 37.7457,
98.9829

■ 50.2433, 30.8704,
97.9182

■ 46.1239, 25.5811,
97.1144

■ 42.7882, 21.7307,
96.5470

■ 40.1477, 19.1440,
96.1869

■ 38.0586, 17.5349,
95.9864

■ 38.0582, 17.5346,
95.9864

Harmonies

Analogous

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



69.7214, 69.1065, 117.5412



75.9185, 69.1065, 103.9453



79.4705, 69.1065, 83.8291

Triad

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



75.9185, 69.1065, 103.9453



68.6162, 69.1065, 43.9751



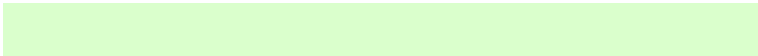
53.8416, 69.1065, 87.1586

Complementary

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



75.9185, 69.1065, 103.9453



75.5742, 90.7858, 70.6703

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.



53.5913, 69.1065, 67.2683



75.9185, 69.1065, 103.9453



61.8049, 69.1065, 44.5503

Square

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



75.9185, 69.1065, 103.9453



75.0609, 69.1065, 50.6447



56.4127, 69.1065, 52.3835



57.1219, 69.1065, 106.7468

Rectangle

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



75.9185, 69.1065, 103.9453



79.7082, 69.1065, 70.4710



56.4127, 69.1065, 52.3835



53.4089, 69.1065, 80.2304

Sweetspot

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



75.9204, 69.1094, 103.9457



88.8335, 89.8358, 107.2658



68.1425, 70.4366, 104.6119



18.8746, 19.0018, 22.9229



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.



75.9204, 69.1094, 103.9457



72.6246, 63.9265, 103.1191



79.1558, 70.9769, 95.0770



18.2779, 18.0350, 22.7677



20.0376, 9.2402, 50.1620



2.0563, 0.9540, 4.8890

Inverse Universe

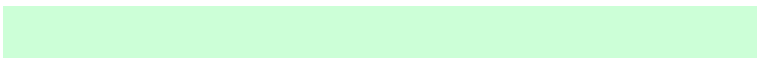
The Inverse Universe completely reimagines the original color for something new.



75.4895, 69.5104, 75.7701



72.1950, 64.4377, 69.9977



72.9360, 89.2672, 77.7126



18.2142, 18.0690, 19.7452



22.1799, 11.3613, 4.3319



2.2033, 1.1237, 0.6518

Previews

White Background



This preview shows how the XYZ color 75.9185, 69.1065, 103.9453 looks on a white background.

Color Contrast Check

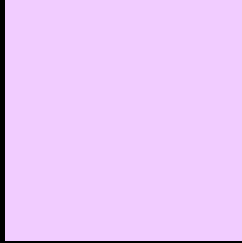
Large Text (above 18pt) WCAG AA × Fail

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 75.9185, 69.1065, 103.9453 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 75.9185, 69.1065, 103.9453

Background



This preview shows how black text looks on a background with the XYZ color 75.9185, 69.1065, 103.9453.

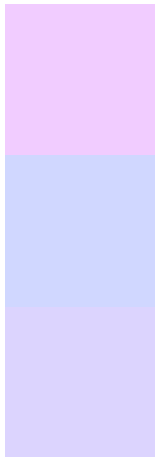


This preview shows how white text looks on a background with the XYZ color 75.9185, 69.1065,

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

75.9185, 69.1065, 103.9453

Protanopia

68.3629, 69.2308, 104.3675

Deuteranopia

70.9481, 69.4584, 103.4334



Tritanopia

71.4530, 69.0964, 81.5225

Trichromacy



Original Color

75.9185, 69.1065, 103.9453

Protanomaly

70.8595, 69.0242, 104.1960

Deuteranomaly

72.6848, 69.2507, 103.3017

Tritanomaly

72.8588, 68.9172, 89.5830

Monochromacy



Original Color

75.9185, 69.1065, 103.9453

Achromatopsia

68.7264, 72.3055, 78.7407

Achromatomaly

71.0033, 70.9781, 87.0486

CSS Examples

Text

The CSS property to change the color of the text to XYZ 75.9185, 69.1065, 103.9453 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(241, 204, 255)` looks like.

```
.text, #text, p{  
    color:rgb(241, 204, 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(241, 204, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 204, 255) }
```

Border

The CSS property to change the border of an element to XYZ 75.9185, 69.1065, 103.9453 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(241, 204, 255) }
```


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

```
.border{ border-color:rgb(241, 204, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(241, 204, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 204, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 204, 255);  
box-shadow:4px 4px 4px 4px rgb(241, 204,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 75.9185, 69.1065, 103.9453 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 204, 255) }
```

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

```
.background{ background-color: rgb(241,  
204, 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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