

Converting Colors

XYZ(76.7599, 73.3624, 96.5041)

Have a look what the booklet for
XYZ(76.7599, 73.3624, 96.5041)
contains.

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Color

**XYZ(76.8036, 73.3865,
96.5032)**

Conversions

Conversions Part 1

Format	Color
Hex	F1D6F5
RGB	241, 214, 245
RGB Percent	95%, 84%, 96%
CMY	0.0549, 0.1608, 0.0392
CMYK	0.02, 0.13, 0.00, 0.04
HSL	292°, 61%, 90%
HSV	292°, 13%, 96%
XYZ	76.8036, 73.3865, 96.5032
YIQ	225.6070, 6.1410, 15.3650

Conversions

Conversions Part 2

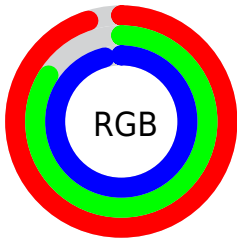
Format	Color
R _Y B	241, 214, 245
Decimal	15849205
CIE Lab	88.63, 14.71, -11.71
CIE LCh	89, 18.807, 321.476
Yxy	73.3865, 0.3113, 0.2975
Android (android.graphics.Color)	4294039285 (0xFFFF1D6F5)
YUV	225.6070, 9.5607, 13.4997
Hunter-Lab	85.6659, 10.1184, -6.8244

Details

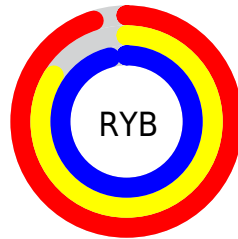
The XYZ color **76.8036, 73.3865, 96.5032** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **73.7062, 85.0672, 76.1570**, and the grayscale version is **71.9370, 75.6833, 82.4191**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **41.5910, 38.7847, 53.4382** is the 20% darker color. If you saturate the color by 10%, you get **69.9943, 61.3551, 94.5409**, and if you desaturate by 10%, it is **84.5685, 87.2989, 98.7804**.

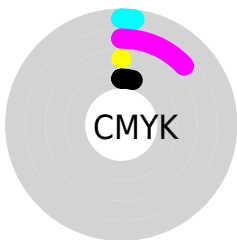
Distribution



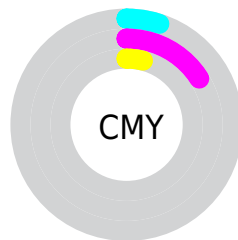
- Red (95%)
- Green (84%)
- Blue (96%)



- Red (95%)
- Yellow (84%)
- Blue (96%)



- Cyan (2%)
- Magenta (13%)
- Yellow (0%)
- Black (4%)



- Cyan (5%)
- Magenta (16%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 76.8036, 73.3865, 96.5032 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 76.8036, 73.3865, 96.5032 by changing the saturation by 10% instead.

76.8036, 73.3865,
96.5032

76.8036, 73.3865,
96.5032

472.9964,
472.3533, 570.0730

57.3911, 54.2921,
72.7829

127.8365,
124.0257, 158.3531

41.5607, 38.8352,
53.3078

160.1876,
156.3393, 197.3198

28.9470, 26.6316,
37.6591

197.5823,
193.8281, 242.2058

19.1848, 17.2967,
25.4184

240.3858,
236.8764, 293.4295

11.9087, 10.4463,
16.1672

288.9637,
285.8687, 351.4096

6.7533, 5.6958,
9.4869

343.6811,

3.3533, 2.6610,

341.1893, 416.5645

4.9590

404.9036,
403.2227, 489.3128

■ 1.3432, 0.9574,
2.1649

■ 0.2152, 0.0000,
0.6540

■ 76.8036, 73.3865,
96.5032

■ 76.8036, 73.3865,
96.5032

■ 69.9943, 61.3551,
94.5409

■ 84.5685, 87.2989,
98.7804

■ 64.0926, 51.1123,
92.8749

■ 90.7140, 97.9459,
100.5116

■ 59.0558, 42.5719,
91.4919

■ 91.8405, 98.5266,
100.5643

■ 54.8353, 35.6367,
90.3757

■ 92.9859, 99.1171,
100.6179

■ 51.3778, 30.2001,
89.5086

■ 93.4816, 99.3727,
100.6411

■ 48.6231, 26.1422,
88.8705

■ 46.5021, 23.3246,
88.4384

■ 44.9310, 21.5801,
88.1845

■ 44.0342, 20.7965,
88.0805

Harmonies

Analogous

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



72.9954, 73.3865, 105.4901



76.8036, 73.3865, 96.5032



78.7421, 73.3865, 83.6671

Triad

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



76.8036, 73.3865, 96.5032



71.0531, 73.3865, 57.6513



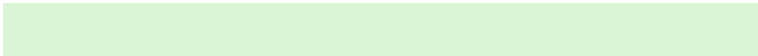
61.9425, 73.3865, 89.4085

Complementary

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



76.8036, 73.3865, 96.5032



73.7062, 85.0672, 76.1570

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.



61.4730, 73.3865, 76.2582



76.8036, 73.3865, 96.5032



66.6055, 73.3865, 58.8330

Square

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



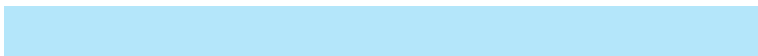
76.8036, 73.3865, 96.5032



75.3290, 73.3865, 61.9053



63.1452, 73.3865, 65.3290



64.4567, 73.3865, 101.0948

Rectangle

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



76.8036, 73.3865, 96.5032



78.6575, 73.3865, 75.0357



63.1452, 73.3865, 65.3290



61.5448, 73.3865, 84.9814

Sweetspot

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



76.8058, 73.3897, 96.5048



91.3993, 93.4151, 107.8214



69.3221, 71.1042, 96.4581



19.4204, 19.7378, 23.0362



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.



76.8058, 73.3897, 96.5048



82.2458, 77.0528, 105.1456



76.5037, 73.4283, 87.7091



16.9909, 16.6535, 20.8615



23.8053, 11.2464, 47.4541



2.1497, 1.0181, 4.1734

Inverse Universe

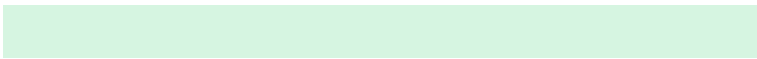
The Inverse Universe completely reimagines the original color for something new.



74.3602, 72.5709, 76.4217



79.1312, 76.0140, 79.3882



74.0272, 85.0591, 84.0160



16.5862, 16.5173, 17.5673



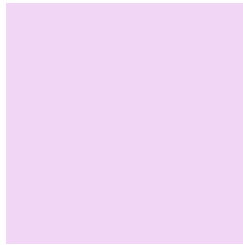
20.4513, 10.5239, 1.8187



1.8244, 0.9357, 0.3018

Previews

White Background



This preview shows how the XYZ color 76.8036, 73.3865, 96.5032 looks on a white background.

Color Contrast Check

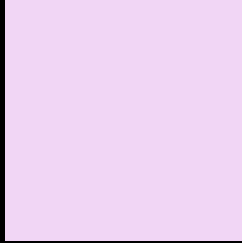
Large Text (above 18pt) WCAG AA × Fail

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 76.8036, 73.3865, 96.5032 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 76.8036, 73.3865, 96.5032

Background



This preview shows how black text looks on a background with the XYZ color 76.8036, 73.3865, 96.5032.

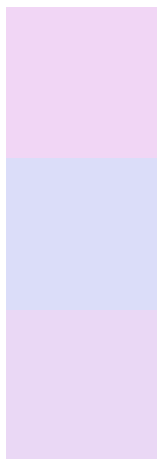


This preview shows how white text looks on a background with the XYZ color 76.8036, 73.3865,

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

76.8036, 73.3865, 96.5032

Protanopia

72.1688, 73.6125, 100.0275

Deuteranopia

74.9690, 73.1967, 96.5633



Tritanopia

74.8605, 73.3456, 87.3023

Trichromacy



Original Color

76.8036, 73.3865, 96.5032

Protanomaly

73.6932, 73.2510, 99.0617

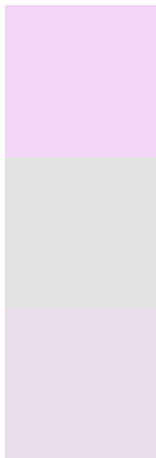
Deuteranomaly

75.7069, 73.1980, 96.5246

Tritanomaly

75.5217, 73.2406, 90.2772

Monochromacy



Original Color

76.8036, 73.3865, 96.5032

Achromatopsia

72.2879, 76.0525, 82.8211

Achromatomaly

73.7843, 75.1147, 87.7005

CSS Examples

Text

The CSS property to change the color of the text to XYZ 76.8036, 73.3865, 96.5032 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, 214, 245)` looks like.

```
.text, #text, p{  
    color:rgb(241, 214, 245)  
}
```

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, 214, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 214, 245) }
```

Border

The CSS property to change the border of an element to XYZ 76.8036, 73.3865, 96.5032 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, 214, 245) }
```


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

```
.border{ border-color:rgb(241, 214, 245) }
```

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

Here you see how a box with a 4 pixel `rgb(241, 214, 245)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 214, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 214, 245);  
box-shadow:4px 4px 4px 4px rgb(241, 214,  
245) }
```

Background

The CSS property to change the background color of an element to XYZ 76.8036, 73.3865, 96.5032 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 214, 245) }
```

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

```
.background{ background-color: rgb(241,  
214, 245) }
```

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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