

Converting Colors

XYZ(79.1303, 75.5465,
105.0224)

Have a look what the booklet for
XYZ(79.1303, 75.5465, 105.0224)
contains.

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Color

**XYZ(79.1385, 75.5465,
105.0186)**

Conversions

Conversions Part 1

Format	Color
Hex	F1D9FF
RGB	241, 217, 255
RGB Percent	95%, 85%, 100%
CMY	0.0549, 0.1490, 0.0000
CMYK	0.05, 0.15, 0.00, 0.00
HSL	278°, 100%, 93%
HSV	278°, 15%, 100%
XYZ	79.1385, 75.5465, 105.0186
YIQ	228.5080, 2.1060, 16.9060

Conversions

Conversions Part 2

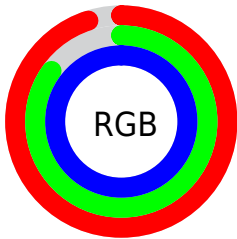
Format	Color
R _Y B	241, 217, 255
Decimal	15849983
CIE Lab	89.65, 15.00, -15.45
CIE LCh	90, 21.539, 314.155
Yxy	75.5465, 0.3047, 0.2909
Android (android.graphics.Color)	4294040063 (0xFFFF1D9FF)
YUV	228.5080, 13.0606, 10.9555
Hunter-Lab	86.9175, 10.4189, -10.7953

Details

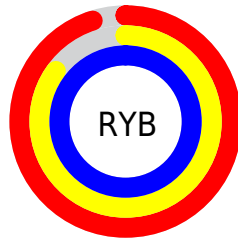
The XYZ color **79.1385, 75.5465, 105.0186** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **81.2412, 93.5195, 79.4186**, and the grayscale version is **74.0229, 77.8778, 84.8089**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **43.1210, 40.2322, 58.9189** is the 20% darker color. If you saturate the color by 10%, you get **69.9426, 61.7926, 102.8485**, and if you desaturate by 10%, it is **89.5195, 91.4229, 107.5360**.

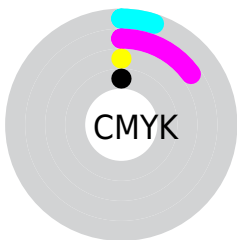
Distribution



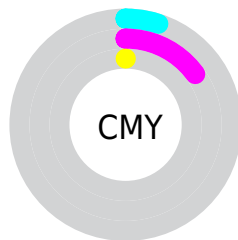
- Red (95%)
- Green (85%)
- Blue (100%)



- Red (95%)
- Yellow (85%)
- Blue (100%)



- Cyan (5%)
- Magenta (15%)
- Yellow (0%)
- Black (0%)





- Cyan (5%)
- Magenta (15%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 79.1385, 75.5465, 105.0186 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 79.1385, 75.5465, 105.0186 by changing the saturation by 10% instead.


 79.1385, 75.5465,
105.0186

 79.1385, 75.5465,
105.0186


480.8056,
479.7939, 597.5493

 59.3157, 56.0607,
79.8582


131.1107,
127.0857, 170.1488

 43.1147, 40.2516,
59.0762


163.9909,
159.9078, 210.9556

 30.1700, 27.7348,
42.2540


201.9542,
197.9442, 257.8150

 20.1164, 18.1258,
28.9732

245.3660,
241.5793, 311.1455

 12.5884, 11.0404,
18.8151

294.5917,
291.1974, 371.3656

 7.2208, 6.0940,
11.3613

349.9966,

 3.6481, 2.9023,

347.1829, 438.8939

6.1932

411.9462,
409.9203, 514.1490

■ 1.5051, 1.0809,
2.8922

■ 0.3293, 0.0000,
1.0399

■ 79.1385, 75.5465,
105.0186

■ 79.1385, 75.5465,
105.0186

■ 69.9426, 61.7926,
102.8485

■ 89.5195, 91.4229,
107.5360

■ 61.8765, 50.0576,
101.0086

95.0500, 100.0000,
108.9000

■ 54.8898, 40.2431,
99.4824

■ 48.9253, 32.2387,
98.2518

■ 43.9199, 25.9222,
97.2964

■ 39.8029, 21.1562,
96.5934

■ 36.4922, 17.7804,
96.1163

■ 33.8872, 15.5981,
95.8324

■ 32.7585, 14.8025,
95.7383

Harmonies

Analogous

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



74.3252, 75.5465, 113.9188



79.1385, 75.5465, 105.0186



82.0589, 75.5465, 90.4843

Triad

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



79.1385, 75.5465, 105.0186



74.6226, 75.5465, 57.2586



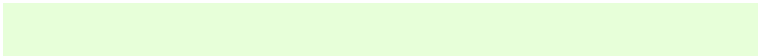
62.3716, 75.5465, 89.6013

Complementary

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



79.1385, 75.5465, 105.0186



81.2412, 93.5195, 79.4186

Split Complementary

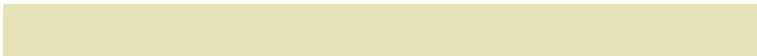
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



62.4424, 75.5465, 74.5447



79.1385, 75.5465, 105.0186



69.3418, 75.5465, 57.0838

Square

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



79.1385, 75.5465, 105.0186



79.3655, 75.5465, 63.5592



64.9386, 75.5465, 63.0481



64.7400, 75.5465, 104.3040

Rectangle

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



79.1385, 75.5465, 105.0186



82.4534, 75.5465, 80.1612



64.9386, 75.5465, 63.0481



62.1147, 75.5465, 84.3896

Sweetspot

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



79.1406, 75.5496, 105.0191



90.5129, 92.9581, 107.7799



75.4026, 79.4440, 105.9678



19.1956, 19.6219, 23.0256



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.



79.1406, 75.5496, 105.0191



76.1649, 71.0626, 104.3099



83.3987, 77.8263, 101.5360



18.1059, 17.9463, 22.7597



17.2872, 7.8223, 50.0333



1.8036, 0.8237, 4.8772

Inverse Universe

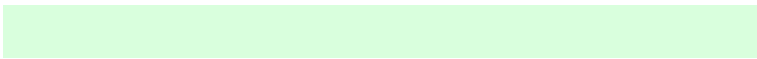
The Inverse Universe completely reimagines the original color for something new.



80.4786, 76.6582, 86.1587



77.7939, 72.4016, 81.8338



77.4865, 91.5164, 82.2935



18.2860, 18.0977, 20.1234



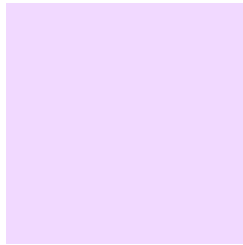
22.6689, 11.5568, 6.9068



2.2577, 1.1455, 0.9385

Previews

White Background



This preview shows how the XYZ color 79.1385, 75.5465, 105.0186 looks on a white background.

Color Contrast Check

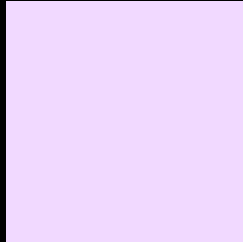
Large Text (above 18pt) WCAG AA × Fail

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 79.1385, 75.5465, 105.0186 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

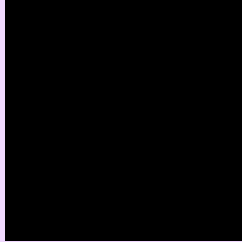
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 79.1385, 75.5465, 105.0186

Background



This preview shows how black text looks on a background with the XYZ color 79.1385, 75.5465, 105.0186.

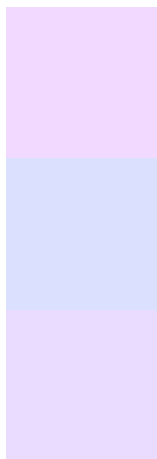


This preview shows how white text looks on a background with the XYZ color 79.1385, 75.5465,

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

79.1385, 75.5465, 105.0186

Protanopia

74.2209, 75.7470, 105.3165

Deuteranopia

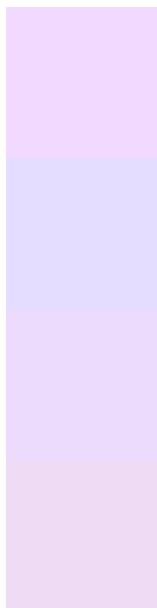
77.4143, 75.8346, 104.3233



Tritanopia

76.1392, 75.4780, 90.6765

Trichromacy



Original Color

79.1385, 75.5465, 105.0186

Protanomaly

75.9014, 75.4269, 105.1662

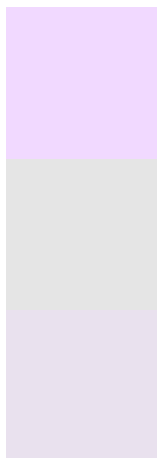
Deuteranomaly

78.1460, 75.8233, 104.2826

Tritanomaly

77.2573, 75.5454, 96.0978

Monochromacy



Original Color

79.1385, 75.5465, 105.0186

Achromatopsia

74.4753, 78.3538, 85.3273

Achromatomaly

75.9621, 77.3471, 91.8148

CSS Examples

Text

The CSS property to change the color of the text to XYZ 79.1385, 75.5465, 105.0186 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, 217, 255)` looks like.

```
.text, #text, p{  
    color:rgb(241, 217, 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, 217, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 217, 255) }
```

Border

The CSS property to change the border of an element to XYZ 79.1385, 75.5465, 105.0186 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, 217, 255) }
```


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

```
.border{ border-color:rgb(241, 217, 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, 217, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 217, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 217, 255);  
box-shadow:4px 4px 4px 4px rgb(241, 217,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 79.1385, 75.5465, 105.0186 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 217, 255) }
```

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

```
.background{ background-color: rgb(241,  
217, 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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