

Converting Colors

XYZ(97.0444, 76.6642,
217.1000)

Have a look what the booklet for
XYZ(97.0444, 76.6642, 217.1000)
contains.

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Color

**XYZ(75.7885, 68.3383,
103.8039)**

Conversions

Conversions Part 1

Format	Color
Hex	F2CAFF
RGB	242, 202, 255
RGB Percent	95%, 79%, 100%
CMY	0.0510, 0.2078, 0.0000
CMYK	0.05, 0.21, 0.00, 0.00
HSL	285°, 100%, 90%
HSV	285°, 21%, 100%
XYZ	75.7885, 68.3383, 103.8039
YIQ	220.0020, 6.8270, 24.9630

Conversions

Conversions Part 2

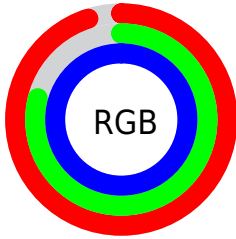
Format	Color
R _Y B	242, 202, 255
Decimal	15911679
CIE Lab	86.18, 23.24, -20.68
CIE LCh	86, 31.107, 318.342
Yxy	68.3383, 0.3057, 0.2756
Android (android.graphics.Color)	4294101759 (0xFF F2CA FF)
YUV	220.0020, 17.2540, 19.2922
Hunter-Lab	82.6670, 18.9803, -16.5828

Details

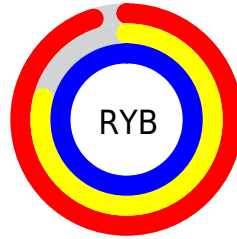
The XYZ color **75.7885, 68.3383, 103.8039** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **74.4466, 90.2321, 69.3732**, and the grayscale version is **67.9107, 71.4474, 77.8062**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.7905, 35.5713, 58.1421** is the 20% darker color. If you saturate the color by 10%, you get **68.1829, 56.2589, 101.8732**, and if you desaturate by 10%, it is **84.4599, 82.4384, 106.0684**.

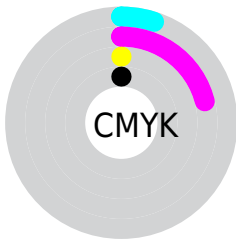
Distribution



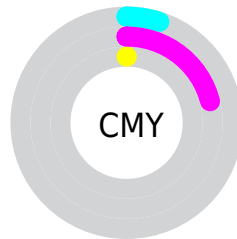
- Red (95%)
- Green (79%)
- Blue (100%)



- Red (95%)
- Yellow (79%)
- Blue (100%)



- Cyan (5%)
- Magenta (21%)
- Yellow (0%)
- Black (0%)



- Cyan (5%)
- Magenta (21%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 75.7885, 68.3383, 103.8039 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 75.7885, 68.3383, 103.8039 by changing the saturation by 10% instead.

75.7885, 68.3383,
103.8039

75.7885, 68.3383,
103.8039

469.5789,
454.6937, 593.6712

56.5555, 50.1730,
78.8466

126.4098,
116.8360, 168.4722

40.8873, 35.5509,
58.2491

158.5289,
147.9371, 209.0202

28.4183, 24.0875,
41.5929

195.6741,
184.1191, 255.6022

18.7833, 15.3986,
28.4595

238.2108,
225.7661, 308.6368

11.6169, 9.0996,
18.4303

286.5042,
273.2627, 368.5425

6.5537, 4.8062,
11.0867

340.9198,

3.2284, 2.1340,

326.9933, 435.7377

6.0103

401.8229,
387.3421, 510.6411

■ 1.2757, 0.6836,
2.7824

■ 0.1649, 0.0000,
0.9846

■ 75.7885, 68.3383,
103.8039

■ 75.7885, 68.3383,
103.8039

■ 68.1829, 56.2589,
101.8732

■ 84.4599, 82.4384,
106.0684

■ 61.5882, 46.0942,
100.2588

■ 94.2372, 98.6412,
108.6806

■ 55.9528, 37.7414,
98.9435

■ 95.0500, 100.0000,
108.9000

■ 51.2183, 31.0847,
97.9082

■ 47.3193, 25.9943,
97.1311

■ 44.1809, 22.3218,
96.5877

■ 41.7136, 19.8889,
96.2481

■ 39.9039, 18.4861,
96.0727

Harmonies

Analogous

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



69.3816, 68.3383, 118.4443



75.7885, 68.3383, 103.8039



79.3867, 68.3383, 82.6614

Triad

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



75.7885, 68.3383, 103.8039



67.7746, 68.3383, 42.0962



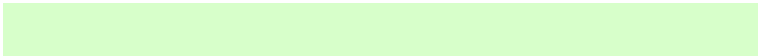
52.7458, 68.3383, 87.5147

Complementary

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



75.7885, 68.3383, 103.8039



74.4466, 90.2321, 69.3732

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.



52.3851, 68.3383, 66.7246



75.7885, 68.3383, 103.8039



60.7180, 68.3383, 42.9150

Square

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



75.7885, 68.3383, 103.8039



74.5379, 68.3383, 48.6738



55.2038, 68.3383, 51.1637



56.2281, 68.3383, 107.9140

Rectangle

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



75.7885, 68.3383, 103.8039



79.5449, 68.3383, 68.8355



55.2038, 68.3383, 51.1637



52.2654, 68.3383, 80.2751

Sweetspot

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



75.7904, 68.3411, 103.8043



88.9947, 89.9189, 107.2733



66.7737, 68.5076, 104.3117



18.9127, 19.0215, 22.9247



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.



75.7904, 68.3411, 103.8043



72.4550, 63.0049, 102.9501



78.3515, 69.8994, 93.1711



18.3319, 18.0628, 22.7702



20.9930, 9.7327, 50.2067



2.1426, 0.9985, 4.8931

Inverse Universe

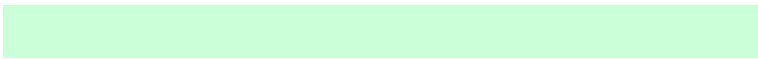
The Inverse Universe completely reimagines the original color for something new.



74.6279, 68.4100, 73.5634



71.1739, 63.1302, 67.3925



72.4170, 88.9967, 77.8225



18.1920, 18.0601, 19.6284



22.0600, 11.3133, 3.7006



2.1890, 1.1180, 0.5765

Previews

White Background



This preview shows how the XYZ color 75.7885, 68.3383, 103.8039 looks on a white background.

Color Contrast Check

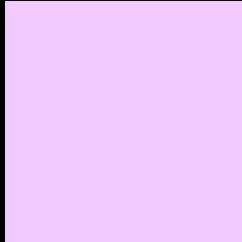
Large Text (above 18pt) WCAG AA × Fail

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 75.7885, 68.3383, 103.8039 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 75.7885, 68.3383, 103.8039

Background



This preview shows how black text looks on a background with the XYZ color 75.7885, 68.3383, 103.8039.



This preview shows how white text looks on a background with the XYZ color 75.7885, 68.3383,

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

75.7885, 68.3383, 103.8039

Protanopia

67.8287, 68.5785, 104.2698

Deuteranopia

70.2373, 68.7404, 102.4948



Tritanopia

70.9355, 68.4981, 80.0038

Trichromacy



Original Color

75.7885, 68.3383, 103.8039

Protanomaly

70.6118, 68.5288, 104.1135

Deuteranomaly

72.1238, 68.5984, 103.2054

Tritanomaly

72.6633, 68.4915, 87.9877

Monochromacy



Original Color

75.7885, 68.3383, 103.8039

Achromatopsia

68.0267, 71.5694, 77.9390

Achromatomaly

70.4971, 69.9657, 86.8799

CSS Examples

Text

The CSS property to change the color of the text to XYZ 75.7885, 68.3383, 103.8039 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(242, 202, 255)` looks like.

```
.text, #text, p{  
    color:rgb(242, 202, 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(242, 202, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 202, 255) }
```

Border

The CSS property to change the border of an element to XYZ 75.7885, 68.3383, 103.8039 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(242, 202, 255) }
```


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

```
.border{ border-color:rgb(242, 202, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 202, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 202, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 202, 255);  
box-shadow:4px 4px 4px 4px rgb(242, 202,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 75.7885, 68.3383, 103.8039 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 202, 255) }
```

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

```
.background{ background-color: rgb(242,  
202, 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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