

Converting Colors

XYZ(75.1815, 68.8064,
103.7505)

Have a look what the booklet for
XYZ(75.1815, 68.8064, 103.7505)
contains.

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Color

**XYZ(75.2395, 68.7565,
103.9135)**

Conversions

Conversions Part 1

Format	Color
Hex	EFCCFF
RGB	239, 204, 255
RGB Percent	94%, 80%, 100%
CMY	0.0627, 0.2000, 0.0000
CMYK	0.06, 0.20, 0.00, 0.00
HSL	281°, 100%, 90%
HSV	281°, 20%, 100%
XYZ	75.2395, 68.7565, 103.9135
YIQ	220.2790, 4.4890, 23.2810

Conversions

Conversions Part 2

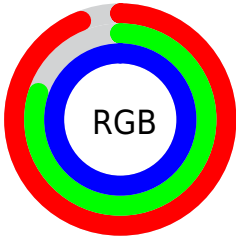
Format	Color
R _Y B	239, 204, 255
Decimal	15715583
CIE Lab	86.38, 21.22, -20.39
CIE LCh	86, 29.428, 316.150
Yxy	68.7565, 0.3035, 0.2773
Android (android.graphics.Color)	4293905663 (0xFFEFCCFF)
YUV	220.2790, 17.1175, 16.4183
Hunter-Lab	82.9195, 16.8581, -16.2576

Details

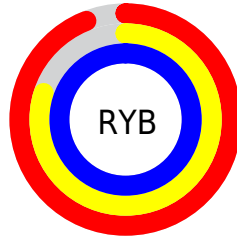
The XYZ color **75.2395, 68.7565, 103.9135** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **76.1759, 91.0961, 70.6985**, and the grayscale version is **68.1061, 71.6529, 78.0300**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.6278, 35.9572, 58.2252** is the 20% darker color. If you saturate the color by 10%, you get **67.0268, 56.2516, 101.9327**, and if you desaturate by 10%, it is **84.5678, 83.3132, 106.2316**.

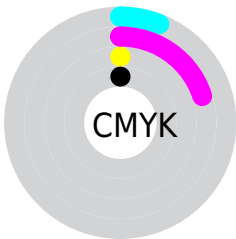
Distribution



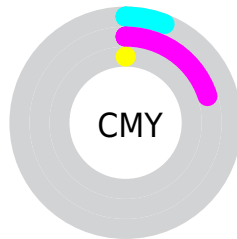
- Red (94%)
- Green (80%)
- Blue (100%)



- Red (94%)
- Yellow (80%)
- Blue (100%)



- Cyan (6%)
- Magenta (20%)
- Yellow (0%)
- Black (0%)



- Cyan (6%)
- Magenta (20%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 75.2395, 68.7565, 103.9135 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 75.2395, 68.7565, 103.9135 by changing the saturation by 10% instead.

75.2395, 68.7565,
103.9135

75.2395, 68.7565,
103.9135

467.7249,
456.1717, 594.0217

56.1040, 50.5134,
78.9378

125.6374,
117.4337, 168.6235

40.5236, 35.8215,
58.3237

157.6305,
148.6367, 209.1950

28.1331, 24.2964,
41.6525

194.6402,
184.9283, 255.8021

18.5670, 15.5536,
28.5058

237.0319,
226.6931, 308.8634

11.4599, 9.2088,
18.4649

285.1708,
274.3155, 368.7975

6.4467, 4.8777,
11.1114

339.4224,

3.1618, 2.1757,

328.1798, 436.0229

6.0267

400.1519,
388.6704, 510.9581

■ 1.2399, 0.7067,
2.7923

■ 0.1375, 0.0000,
0.9896

■ 75.2395, 68.7565,
103.9135

■ 75.2395, 68.7565,
103.9135

■ 67.0268, 56.2516,
101.9327

■ 84.5678, 83.3132,
106.2316

■ 59.8743, 45.6926,
100.2716

95.0500, 100.0000,
108.9000

■ 53.7299, 36.9771,
98.9132

■ 48.5348, 29.9896,
97.8382

■ 44.2233, 24.6013,
97.0254

■ 40.7207, 20.6649,
96.4502

■ 37.9377, 18.0047,
96.0835

■ 35.7300, 16.3345,
95.8774

■ 35.7296, 16.3341,
95.8774

Harmonies

Analogous

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



69.0552, 68.7565, 116.8940



75.2395, 68.7565, 103.9135



78.8838, 68.7565, 84.1895

Triad

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



75.2395, 68.7565, 103.9135



68.5308, 68.7565, 44.0782



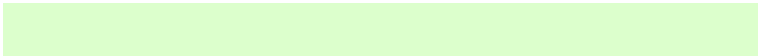
53.5807, 68.7565, 85.7686

Complementary

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



75.2395, 68.7565, 103.9135



76.1759, 91.0961, 70.6985

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.



53.4618, 68.7565, 66.2541



75.2395, 68.7565, 103.9135



61.7817, 68.7565, 44.3519

Square

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



75.2395, 68.7565, 103.9135



74.8328, 68.7565, 50.9794



56.3692, 68.7565, 51.8061



56.7060, 68.7565, 105.2410

Rectangle

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



75.2395, 68.7565, 103.9135



79.2299, 68.7565, 70.9245



56.3692, 68.7565, 51.8061



53.1956, 68.7565, 78.9471

Sweetspot

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



75.2414, 68.7594, 103.9140



88.6179, 89.7247, 107.2557



68.5869, 71.3252, 104.7600



18.8235, 18.9755, 22.9205



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.



75.2414, 68.7594, 103.9140



71.8231, 63.5133, 103.0815



79.4152, 71.0807, 96.4425



18.2058, 17.9978, 22.7643



18.8305, 8.6180, 50.1055



1.9463, 0.8973, 4.8839

Inverse Universe

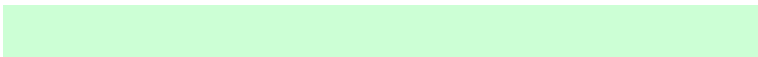
The Inverse Universe completely reimagines the original color for something new.



75.7529, 69.6158, 77.1571



72.4975, 64.5587, 71.5906



72.7186, 89.1802, 76.5677



18.2441, 18.0809, 19.9025



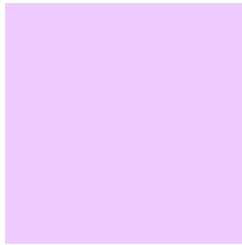
22.3644, 11.4350, 5.3032



2.2244, 1.1321, 0.7631

Previews

White Background



This preview shows how the XYZ color 75.2395, 68.7565, 103.9135 looks on a white background.

Color Contrast Check

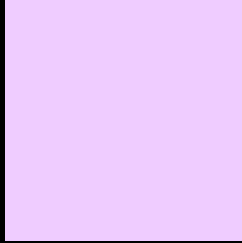
Large Text (above 18pt) WCAG AA × Fail

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 75.2395, 68.7565, 103.9135 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

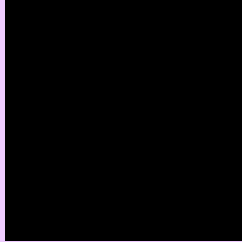
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 75.2395, 68.7565, 103.9135

Background



This preview shows how black text looks on a background with the XYZ color 75.2395, 68.7565, 103.9135.

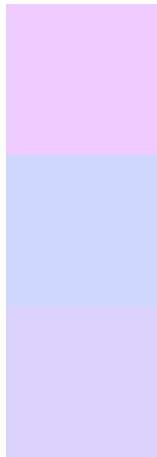


This preview shows how white text looks on a background with the XYZ color 75.2395, 68.7565,

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

75.2395, 68.7565, 103.9135

Protanopia

68.3629, 69.2308, 104.3675

Deuteranopia

70.3971, 68.8044, 103.3362



Tritanopia

70.7889, 68.7541, 81.4914

Trichromacy



Original Color

75.2395, 68.7565, 103.9135

Protanomaly

70.5577, 68.8686, 104.1819

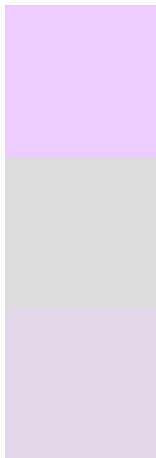
Deuteranomaly

71.8093, 68.4363, 103.1907

Tritanomaly

72.1910, 68.5729, 89.5518

Monochromacy



Original Color

75.2395, 68.7565, 103.9135

Achromatopsia

68.0267, 71.5694, 77.9390

Achromatomaly

70.4331, 70.3072, 86.9492

CSS Examples

Text

The CSS property to change the color of the text to XYZ 75.2395, 68.7565, 103.9135 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(239, 204, 255)` looks like.

```
.text, #text, p{  
    color:rgb(239, 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(239, 204, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 204, 255) }
```

Border

The CSS property to change the border of an element to XYZ 75.2395, 68.7565, 103.9135 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(239, 204, 255) }
```


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

```
.border{ border-color:rgb(239, 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(239, 204, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 204, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 204, 255);  
box-shadow:4px 4px 4px 4px rgb(239, 204,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 75.2395, 68.7565, 103.9135 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 204, 255) }
```

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

```
.background{ background-color: rgb(239,  
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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