

Converting Colors

XYZ(85.8596, 74.0983, 95.6825)

Have a look what the booklet for
XYZ(85.8596, 74.0983, 95.6825)
contains.

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Color

**XYZ(78.9251, 70.5035,
95.0367)**

Conversions

Conversions Part 1

Format	Color
Hex	FFCBF4
RGB	255, 203, 244
RGB Percent	100%, 80%, 96%
CMY	0.0000, 0.2039, 0.0431
CMYK	0.00, 0.20, 0.04, 0.00
HSL	313°, 100%, 90%
HSV	313°, 20%, 100%
XYZ	78.9251, 70.5035, 95.0367
YIQ	223.2220, 17.8310, 23.7750

Conversions

Conversions Part 2

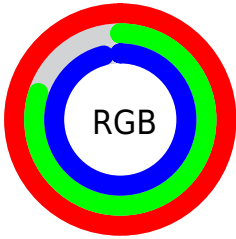
Format	Color
R_{YB}	255, 203, 244
Decimal	16763892
CIE _{Lab}	87.24, 24.95, -13.13
CIE _{LCh}	87, 28.192, 332.243
Yxy	70.5035, 0.3228, 0.2884
Android (android.graphics.Color)	4294953972 (0xFFFFCBF4)
YUV	223.2220, 10.2436, 27.8693
Hunter-Lab	83.9664, 20.8419, -8.3305

Details

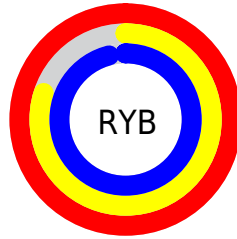
The XYZ color **78.9251, 70.5035, 95.0367** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **72.5283, 89.0726, 76.9914**, and the grayscale version is **70.2190, 73.8759, 80.4508**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **43.1132, 37.1315, 52.4717** is the 20% darker color. If you saturate the color by 10%, you get **72.5842, 59.1132, 88.9417**, and if you desaturate by 10%, it is **86.2834, 83.8897, 101.5910**.

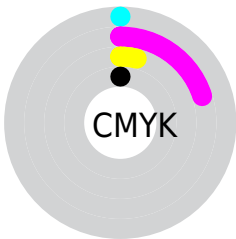
Distribution



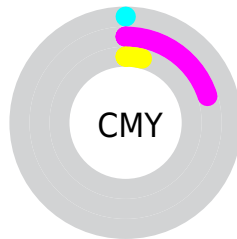
- Red (100%)
- Green (80%)
- Blue (96%)



- Red (100%)
- Yellow (80%)
- Blue (96%)



- Cyan (0%)
- Magenta (20%)
- Yellow (4%)
- Black (0%)



- Cyan (0%)
- Magenta (20%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 78.9251, 70.5035, 95.0367 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 78.9251, 70.5035, 95.0367 by changing the saturation by 10% instead.

78.9251, 70.5035,
95.0367

78.9251, 70.5035,
95.0367

480.0948,
462.3159, 565.2698

59.1396, 51.9371,
71.5685

130.8119,
119.9265, 156.3113

42.9723, 36.9550,
52.3216

163.6439,
151.5519, 194.9548

30.0578, 25.1726,
36.8774

201.5556,
188.2991, 239.4937

20.0308, 16.2057,
24.8176

244.9121,
230.5525, 290.3467

12.5258, 9.6698,
15.7234

294.0790,
278.6965, 347.9323

7.1776, 5.1806,
9.1764

349.4215,

3.6207, 2.3536,

333.1155, 412.6690

4.7580

411.3050,
394.1938, 484.9753

■ 1.4899, 0.8019,
2.0498

■ 0.3189, 0.0000,
0.5856

■ 78.9251, 70.5035,
95.0367

■ 78.9251, 70.5035,
95.0367

■ 72.5842, 59.1132,
88.9417

■ 86.2834, 83.8897,
101.5910

■ 67.2076, 49.6137,
83.2845

94.6998, 99.3537,
108.6163

■ 62.7441, 41.9028,
78.0480

95.0500, 100.0000,
108.9000

■ 59.1360, 35.8652,
73.2118

■ 56.3189, 31.3724,
68.7535

■ 54.2187, 28.2768,
64.6473

■ 52.7472, 26.4023,
60.8628

■ 51.7895, 25.4798,
57.4827

Harmonies

Analogous

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



74.0382, 70.5035, 111.9323



78.9251, 70.5035, 95.0367



80.5598, 70.5035, 75.3478

Triad

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



78.9251, 70.5035, 95.0367



66.5143, 70.5035, 45.7841



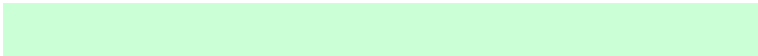
56.8067, 70.5035, 97.9158

Complementary

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



78.9251, 70.5035, 95.0367



72.5283, 89.0726, 76.9914

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.



55.0743, 70.5035, 78.2026



78.9251, 70.5035, 95.0367



60.4440, 70.5035, 49.8650

Square

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



78.9251, 70.5035, 95.0367



73.1194, 70.5035, 48.8020



56.3614, 70.5035, 61.0018



61.2535, 70.5035, 113.7778

Rectangle

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



78.9251, 70.5035, 95.0367



79.5040, 70.5035, 63.7710



56.3614, 70.5035, 61.0018



55.9013, 70.5035, 91.4170

Sweetspot

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



78.9266, 70.5063, 95.0382



89.8451, 90.4170, 104.6160



66.9654, 64.1413, 103.4588



19.1143, 19.1396, 22.2945



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.



78.9266, 70.5063, 95.0382



76.5224, 66.1687, 92.7855



75.3314, 69.0682, 76.1059



18.6184, 18.2307, 21.8737



27.1179, 13.3365, 30.3353



2.6796, 1.3142, 3.1601

Inverse Universe

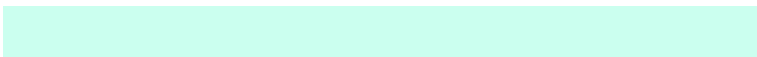
The Inverse Universe completely reimagines the original color for something new.



78.9266, 70.5063, 95.0382



76.5224, 66.1687, 92.7855



76.0296, 90.4731, 95.4287



18.6184, 18.2307, 21.8737



27.1179, 13.3365, 30.3353



2.6796, 1.3142, 3.1601

Previews

White Background



This preview shows how the XYZ color 78.9251, 70.5035, 95.0367 looks on a white background.

Color Contrast Check

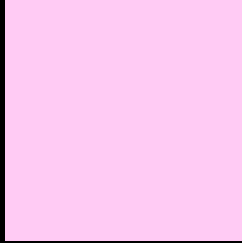
Large Text (above 18pt) WCAG AA × Fail

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 78.9251, 70.5035, 95.0367 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 78.9251, 70.5035, 95.0367

Background



This preview shows how black text looks on a background with the XYZ color 78.9251, 70.5035, 95.0367.



This preview shows how white text looks on a background with the XYZ color 78.9251, 70.5035,

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

78.9251, 70.5035, 95.0367

Protanopia

69.6939, 70.7146, 102.9045

Deuteranopia

72.1344, 70.6573, 93.8407



Tritanopia

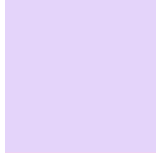
75.7770, 70.6488, 79.4547

Trichromacy



Original Color

78.9251, 70.5035, 95.0367



Protanomaly

72.7937, 70.4831, 100.2104



Deuteranomaly

74.2380, 70.2491, 94.4407



Tritanomaly

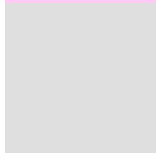
77.0031, 70.7948, 85.2076

Monochromacy



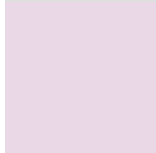
Original Color

78.9251, 70.5035, 95.0367



Achromatopsia

70.1384, 73.7910, 80.3584



Achromatomaly

73.2406, 72.5434, 85.7434

CSS Examples

Text

The CSS property to change the color of the text to XYZ 78.9251, 70.5035, 95.0367 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(255, 203, 244)` looks like.

```
.text, #text, p{  
    color:rgb(255, 203, 244)  
}
```

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(255, 203, 244) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 203, 244) }
```

Border

The CSS property to change the border of an element to XYZ 78.9251, 70.5035, 95.0367 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(255, 203, 244) }
```


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

```
.border{ border-color:rgb(255, 203, 244) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 203, 244)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 203, 244); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 203, 244);  
box-shadow:4px 4px 4px 4px rgb(255, 203,  
244) }
```

Background

The CSS property to change the background color of an element to XYZ 78.9251, 70.5035, 95.0367 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 203, 244) }
```

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

```
.background{ background-color: rgb(255,  
203, 244) }
```

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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