

Converting Colors

XYZ(80.2683, 74.8156, 95.7982)

Have a look what the booklet for
XYZ(80.2683, 74.8156, 95.7982)
contains.

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Color

**XYZ(80.2683, 74.8156,
95.7982)**

Conversions

Conversions Part 1

Format	Color
Hex	FCD5F4
RGB	252, 213, 244
RGB Percent	99%, 84%, 96%
CMY	0.0118, 0.1647, 0.0431
CMYK	0.00, 0.15, 0.03, 0.01
HSL	312°, 87%, 91%
HSV	312°, 15%, 99%
XYZ	80.2683, 74.8156, 95.7982
YIQ	228.1950, 13.2930, 17.9090

Conversions

Conversions Part 2

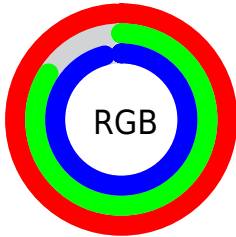
Format	Color
R _Y B	252, 213, 244
Decimal	16569844
CIE Lab	89.31, 18.70, -10.08
CIE LCh	89, 21.249, 331.677
Yxy	74.8156, 0.3199, 0.2982
Android (android.graphics.Color)	4294759924 (0xFFFC D5F4)
YUV	228.1950, 7.7919, 20.8770
Hunter-Lab	86.4960, 14.2800, -5.1191

Details

The XYZ color **80.2683, 74.8156, 95.7982** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **75.3051, 88.9896, 81.6185**, and the grayscale version is **73.8253, 77.6700, 84.5826**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **43.8096, 39.6867, 52.9282** is the 20% darker color. If you saturate the color by 10%, you get **73.6423, 62.8012, 89.7713**, and if you desaturate by 10%, it is **87.9056, 88.8150, 102.2726**.

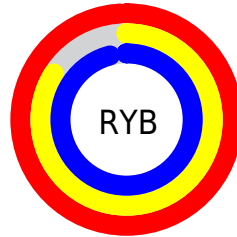
Distribution



Red (99%)

Green (84%)

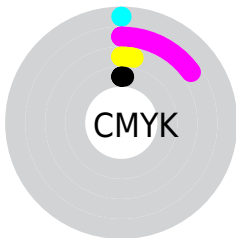
Blue (96%)



Red (99%)

Yellow (84%)

Blue (96%)

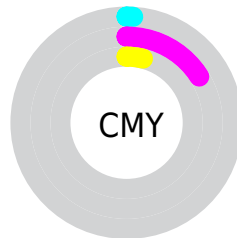


Cyan (0%)

Magenta (15%)

Yellow (3%)

Black (1%)



Cyan (1%)

Magenta (16%)

Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 80.2683, 74.8156, 95.7982 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 80.2683, 74.8156, 95.7982 by changing the saturation by 10% instead.

80.2683, 74.8156,
95.7982

80.2683, 74.8156,
95.7982

484.5593,
477.2835, 567.7667

60.2484, 55.4618,
72.1989

132.6914,
126.0513, 157.3719

43.8691, 39.7716,
52.8334

165.8253,
158.7020, 196.1835

30.7651, 27.3605,
37.2830

204.0613,
196.5539, 240.9029

20.5710, 17.8442,
25.1291

247.7647,
239.9912, 291.9487

12.9214, 10.8382,
15.9534

297.3008,
289.3985, 349.7395

7.4511, 5.9581,
9.3372

353.0351,

3.7946, 2.8196,

345.1600, 414.6937

4.8620

415.3328,
407.6602, 487.2299

■ 1.5866, 1.0383,
2.1092

■ 0.3837, 0.0000,
0.6212

■ 80.2683, 74.8156,
95.7982

■ 80.2683, 74.8156,
95.7982

■ 73.6423, 62.8012,
89.7713

■ 87.9056, 88.8150,
102.2726

■ 67.9754, 52.6713,
84.1710

■ 93.8496, 99.3934,
108.2912

■ 63.2208, 44.3313,
78.9817

■ 93.9555, 99.4357,
108.8488

■ 59.3250, 37.6745,
74.1846

■ 56.2288, 32.5828,
69.7592

■ 53.8654, 28.9230,
65.6822

■ 52.1568, 26.5392,
61.9267

■ 51.0066, 25.2392,
58.4596

■ 50.6061, 24.8800,
56.9638

Harmonies

Analogous

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



76.4842, 74.8156, 108.3060



80.2683, 74.8156, 95.7982



81.5667, 74.8156, 80.6273

Triad

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



80.2683, 74.8156, 95.7982



70.8181, 74.8156, 56.0868



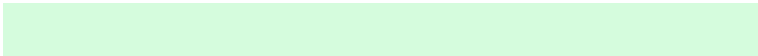
62.9453, 74.8156, 97.4226

Complementary

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



80.2683, 74.8156, 95.7982



75.3051, 88.9896, 81.6185

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.



61.5875, 74.8156, 82.3014



80.2683, 74.8156, 95.7982



65.9936, 74.8156, 59.4653

Square

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



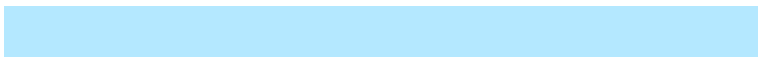
80.2683, 74.8156, 95.7982



75.9540, 74.8156, 58.7892



62.6762, 74.8156, 68.6316



66.4764, 74.8156, 109.3213

Rectangle

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



80.2683, 74.8156, 95.7982



80.7999, 74.8156, 71.3471



62.6762, 74.8156, 68.6316



62.2275, 74.8156, 92.4892

Sweetspot

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



80.2705, 74.8189, 95.7998



90.6983, 91.9659, 105.3859



71.1261, 69.9613, 101.8519



19.2869, 19.4520, 22.4533



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.



80.2705, 74.8189, 95.7998



79.9346, 72.2642, 96.1697



77.4915, 73.7073, 81.1657



17.8315, 17.4600, 20.9685



26.4159, 12.9821, 29.9622



2.4837, 1.2172, 2.9706

Inverse Universe

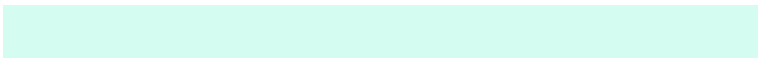
The Inverse Universe completely reimagines the original color for something new.



80.2705, 74.8189, 95.7998



79.9346, 72.2642, 96.1697



78.0264, 90.0781, 95.9485



17.8315, 17.4600, 20.9685



26.4159, 12.9821, 29.9622



2.4837, 1.2172, 2.9706

Previews

White Background



This preview shows how the XYZ color 80.2683, 74.8156, 95.7982 looks on a white background.

Color Contrast Check

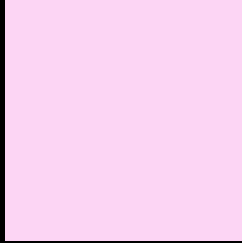
Large Text (above 18pt) WCAG AA × Fail

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 80.2683, 74.8156, 95.7982 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

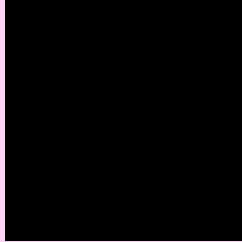
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 80.2683, 74.8156, 95.7982

Background



This preview shows how black text looks on a background with the XYZ color 80.2683, 74.8156, 95.7982.



This preview shows how white text looks on a background with the XYZ color 80.2683, 74.8156,

95.7982.

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

80.2683, 74.8156, 95.7982

Protanopia

73.4618, 75.0496, 101.0567

Deuteranopia

76.5090, 74.7910, 95.1977



Tritanopia

78.2903, 74.7511, 86.6460

Trichromacy



Original Color

80.2683, 74.8156, 95.7982

Protanomaly

75.5535, 74.5962, 99.2233

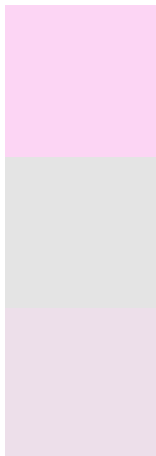
Deuteranomaly

77.6957, 74.6375, 95.1055

Tritanomaly

78.9706, 74.6585, 89.6052

Monochromacy



Original Color

80.2683, 74.8156, 95.7982

Achromatopsia

73.7419, 77.5822, 84.4870

Achromatomaly

76.1640, 76.7204, 88.6361

CSS Examples

Text

The CSS property to change the color of the text to XYZ 80.2683, 74.8156, 95.7982 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(252, 213, 244)` looks like.

```
.text, #text, p{  
    color:rgb(252, 213, 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(252, 213, 244) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 213, 244) }
```

Border

The CSS property to change the border of an element to XYZ 80.2683, 74.8156, 95.7982 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(252, 213, 244) }
```


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

```
.border{ border-color:rgb(252, 213, 244) }
```

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

Here you see how a box with a 4 pixel `rgb(252, 213, 244)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 213, 244); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 213, 244);  
box-shadow:4px 4px 4px 4px rgb(252, 213,  
244) }
```

Background

The CSS property to change the background color of an element to XYZ 80.2683, 74.8156, 95.7982 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 213, 244) }
```

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

```
.background{ background-color: rgb(252,  
213, 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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