

Converting Colors

XYZ(80.8498, 72.7192,
104.3827)

Have a look what the booklet for
XYZ(80.8498, 72.7192, 104.3827)
contains.

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Color

**XYZ(80.8708, 72.7283,
104.3834)**

Conversions

Conversions Part 1

Format	Color
Hex	FDCFFF
RGB	253, 207, 255
RGB Percent	99%, 81%, 100%
CMY	0.0078, 0.1882, 0.0000
CMYK	0.01, 0.19, 0.00, 0.00
HSL	298°, 100%, 91%
HSV	298°, 19%, 100%
XYZ	80.8708, 72.7283, 104.3834
YIQ	226.2260, 12.0080, 24.6800

Conversions

Conversions Part 2

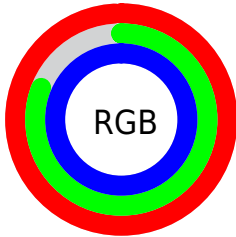
Format	Color
R _Y B	253, 207, 255
Decimal	16633855
CIE Lab	88.32, 24.15, -17.35
CIE LCh	88, 29.731, 324.304
Yxy	72.7283, 0.3135, 0.2819
Android (android.graphics.Color)	4294823935 (0xFFFFDCFFF)
YUV	226.2260, 14.1856, 23.4808
Hunter-Lab	85.2809, 20.0278, -12.8741

Details

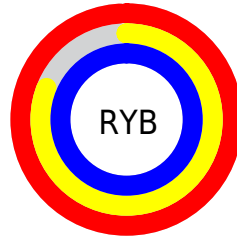
The XYZ color **80.8708, 72.7283, 104.3834** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **73.3189, 89.5812, 72.4618**, and the grayscale version is **72.3485, 76.1162, 82.8906**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **44.1862, 38.2695, 58.4840** is the 20% darker color. If you saturate the color by 10%, you get **74.8000, 61.1580, 102.4700**, and if you desaturate by 10%, it is **87.9454, 86.3012, 106.6303**.

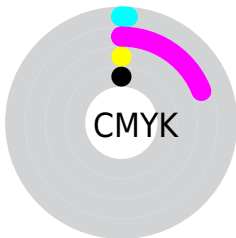
Distribution



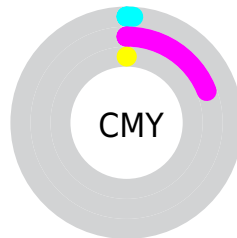
- Red (99%)
- Green (81%)
- Blue (100%)



- Red (99%)
- Yellow (81%)
- Blue (100%)



- Cyan (1%)
- Magenta (19%)
- Yellow (0%)
- Black (0%)





- Cyan (1%)
- Magenta (19%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 80.8708, 72.7283, 104.3834 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 80.8708, 72.7283, 104.3834 by changing the saturation by 10% instead.

 80.8708, 72.7283,
104.3834

 80.8708, 72.7283,
104.3834


486.5546,
470.0726, 595.5230

 60.7461, 53.7538,
79.3291

133.5334,
123.0914, 169.2723

 44.2721, 38.4049,
58.6435


166.8021,
155.2489, 209.9439

 31.0833, 26.2971,
41.9081


205.1829,
192.5694, 256.6584

 20.8144, 17.0460,
28.7043

249.0410,
235.4375, 309.8344

 13.1001, 10.2673,
18.6136

298.7419,
284.2374, 369.8903

 7.5750, 5.5766,
11.2174

354.6509,

 3.8737, 2.5894,

339.3537, 437.2446

6.0973

417.1333,
401.1706, 512.3160

■ 1.6309, 0.9213,
2.8346

■ 0.4124, 0.0000,
1.0108

■ 80.8708, 72.7283,
104.3834

■ 80.8708, 72.7283,
104.3834

■ 74.8000, 61.1580,
102.4700

■ 87.9454, 86.3012,
106.6303

■ 69.6791, 51.4854,
100.8729

95.0500, 100.0000,
108.9000

■ 65.4585, 43.6102,
99.5753

■ 62.0815, 37.4189,
98.5583

■ 59.4851, 32.7855,
97.8008

■ 57.5971, 29.5659,
97.2788

■ 56.3323, 27.5896,
96.9640

■ 55.5670, 26.6092,
96.8151

■ 55.4909, 26.5215,
96.8022

Harmonies

Analogous

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



74.9248, 72.7283, 120.6415



80.8708, 72.7283, 104.3834



83.6880, 72.7283, 83.1504

Triad

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



80.8708, 72.7283, 104.3834



70.4959, 72.7283, 46.1872



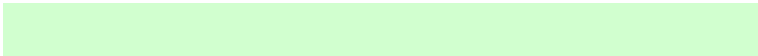
57.3671, 72.7283, 96.4765

Complementary

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



80.8708, 72.7283, 104.3834



73.3189, 89.5812, 72.4618

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.



56.3597, 72.7283, 75.3550



80.8708, 72.7283, 104.3834



63.6346, 72.7283, 48.5198

Square

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



80.8708, 72.7283, 104.3834



77.4395, 72.7283, 51.3859



58.5773, 72.7283, 58.4142



61.4300, 72.7283, 115.5547

Rectangle

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



80.8708, 72.7283, 104.3834



83.2826, 72.7283, 69.8769



58.5773, 72.7283, 58.4142



56.6722, 72.7283, 89.2932

Sweetspot

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



80.8728, 72.7314, 104.3838



90.1278, 90.5031, 107.3263



66.6838, 66.2864, 103.8877



19.1813, 19.1600, 22.9372



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.



80.8728, 72.7314, 104.3838



78.2162, 67.6577, 103.5445



78.3198, 71.7947, 87.1225



18.7135, 18.2596, 22.7881



29.0282, 13.8750, 50.5828



2.8487, 1.3625, 4.9261

Inverse Universe

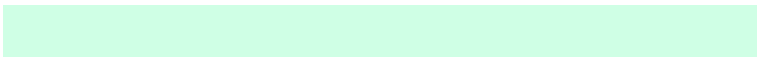
The Inverse Universe completely reimagines the original color for something new.



75.0634, 70.4921, 69.9744



71.3437, 65.0118, 62.6947



75.5812, 90.4212, 87.3081



18.0400, 17.9993, 18.8279



21.5924, 11.1263, 1.2382



2.1127, 1.0874, 0.1748

Previews

White Background



This preview shows how the XYZ color 80.8708, 72.7283, 104.3834 looks on a white background.

Color Contrast Check

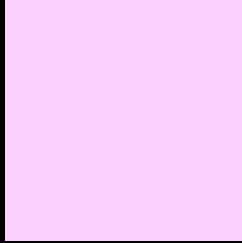
Large Text (above 18pt) WCAG AA × Fail

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 80.8708, 72.7283, 104.3834 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

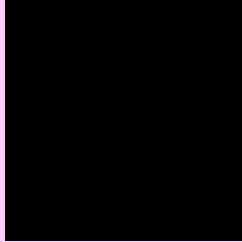
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 80.8708, 72.7283, 104.3834

Background



This preview shows how black text looks on a background with the XYZ color 80.8708, 72.7283, 104.3834.



This preview shows how white text looks on a background with the XYZ color 80.8708, 72.7283,

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

80.8708, 72.7283, 104.3834

Protanopia

71.6675, 72.8535, 104.8926

Deuteranopia

74.5986, 72.8616, 103.0604



Tritanopia

76.6140, 72.8281, 83.4180

Trichromacy



Original Color

80.8708, 72.7283, 104.3834

Protanomaly

74.6635, 72.4789, 104.6624

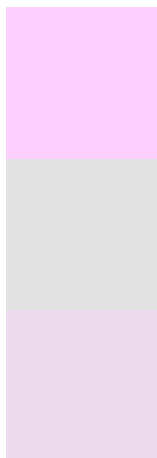
Deuteranomaly

76.9435, 72.9214, 103.7858

Tritanomaly

77.9036, 72.5902, 90.7943

Monochromacy



Original Color

80.8708, 72.7283, 104.3834

Achromatopsia

72.2879, 76.0525, 82.8211

Achromatomaly

75.2097, 74.6103, 90.5580

CSS Examples

Text

The CSS property to change the color of the text to XYZ 80.8708, 72.7283, 104.3834 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(253, 207, 255)` looks like.

```
.text, #text, p{  
    color:rgb(253, 207, 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(253, 207, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 207, 255) }
```

Border

The CSS property to change the border of an element to XYZ 80.8708, 72.7283, 104.3834 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(253, 207, 255) }
```


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

```
.border{ border-color:rgb(253, 207, 255) }
```

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

Here you see how a box with a 4 pixel rgb(253, 207, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 207, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 207, 255);  
box-shadow:4px 4px 4px 4px rgb(253, 207,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 80.8708, 72.7283, 104.3834 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 207, 255) }
```

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

```
.background{ background-color: rgb(253,  
207, 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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