

Converting Colors

XYZ(85.2215, 74.5667,
101.5327)

Have a look what the booklet for
XYZ(85.2215, 74.5667, 101.5327)
contains.

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Color

**XYZ(80.7239, 72.3676,
100.9805)**

Conversions

Conversions Part 1

Format	Color
Hex	FFCEFB
RGB	255, 206, 251
RGB Percent	100%, 81%, 98%
CMY	0.0000, 0.1921, 0.0157
CMYK	0.00, 0.19, 0.02, 0.00
HSL	305°, 100%, 90%
HSV	305°, 19%, 100%
XYZ	80.7239, 72.3676, 100.9805
YIQ	225.7810, 14.7590, 24.3830

Conversions

Conversions Part 2

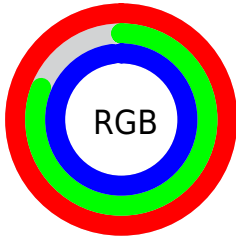
Format	Color
R _Y B	255, 206, 251
Decimal	16764667
CIE Lab	88.15, 24.60, -15.48
CIE LCh	88, 29.067, 327.825
Yxy	72.3676, 0.3177, 0.2848
Android (android.graphics.Color)	4294954747 (0xFFFFCEFB)
YUV	225.7810, 12.4330, 25.6251
Hunter-Lab	85.0691, 20.5114, -10.8312

Details

The XYZ color **80.7239, 72.3676, 100.9805** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **72.8486, 89.2960, 74.3719**, and the grayscale version is **72.0376, 75.7892, 82.5344**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **44.0929, 38.0340, 56.0563** is the 20% darker color. If you saturate the color by 10%, you get **74.7499, 60.9416, 97.3803**, and if you desaturate by 10%, it is **87.7004, 85.7924, 104.9347**.

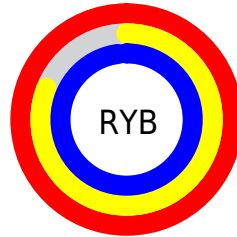
Distribution



Red (100%)

Green (81%)

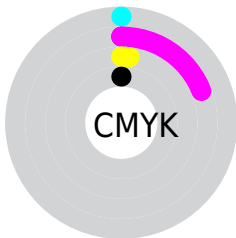
Blue (98%)



Red (100%)

Yellow (81%)

Blue (98%)

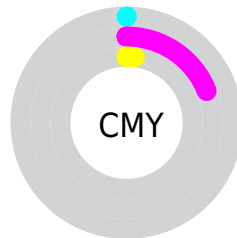


Cyan (0%)

Magenta (19%)

Yellow (2%)

Black (0%)



Cyan (0%)


Magenta (19%)


Yellow (2%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 80.7239, 72.3676, 100.9805 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 80.7239, 72.3676, 100.9805 by changing the saturation by 10% instead.


 80.7239, 72.3676,
100.9805

 80.7239, 72.3676,
100.9805


486.0685,
468.8201, 584.6052

 60.6247, 53.4590,
76.4982


133.3282,
122.5790, 164.5676

 44.1738, 38.1693,
56.3320


166.5641,
154.6506, 204.5094

 31.0056, 26.1141,
40.0634

204.9095,
191.8787, 250.4416

 20.7550, 16.9090,
27.2738

248.7300,
234.6477, 302.7825

 13.0565, 10.1697,
17.5447

298.3908,
283.3419, 361.9508

 7.5447, 5.5116,
10.4576

354.2572,

 3.8544, 2.5504,

338.3458, 428.3650

5.5938

416.6947,
400.0437, 502.4436

■ 1.6201, 0.9018,
2.5350

■ 0.4054, 0.0000,
0.8586

■ 80.7239, 72.3676,
100.9805

■ 80.7239, 72.3676,
100.9805

■ 74.7499, 60.9416,
97.3803

■ 87.7004, 85.7924,
104.9347

■ 69.7259, 51.4100,
94.1135

95.0500, 100.0000,
108.9000

■ 65.6015, 43.6718,
91.1642

■ 62.3197, 37.6133,
88.5135

■ 59.8172, 33.1076,
86.1401

■ 58.0216, 30.0100,
84.0198

■ 56.8469, 28.1486,
82.1240

■ 56.1636, 27.2643,
80.4093

■ 56.1183, 27.2113,
80.2780

Harmonies

Analogous

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



75.2103, 72.3676, 117.7143



80.7239, 72.3676, 100.9805



83.0177, 72.3676, 80.2575

Triad

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



80.7239, 72.3676, 100.9805



69.2917, 72.3676, 46.4092



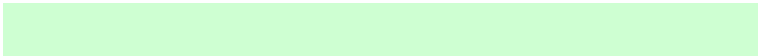
57.6303, 72.3676, 98.0411

Complementary

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



80.7239, 72.3676, 100.9805



72.8486, 89.2960, 74.3719

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.



56.2766, 72.3676, 77.3523



80.7239, 72.3676, 100.9805



62.7331, 72.3676, 49.5676

Square

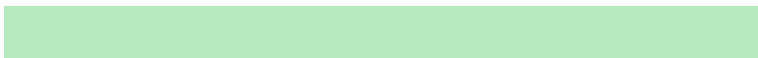
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



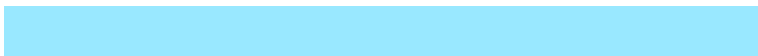
80.7239, 72.3676, 100.9805



76.1466, 72.3676, 50.6417



58.0823, 72.3676, 60.1247



61.9106, 72.3676, 115.8262

Rectangle

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



80.7239, 72.3676, 100.9805



82.3036, 72.3676, 67.6534



58.0823, 72.3676, 60.1247



56.8311, 72.3676, 91.0995

Sweetspot

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



80.7254, 72.3704, 100.9820



90.1614, 90.5435, 106.2819



66.4942, 64.9603, 103.6417



19.1893, 19.1696, 22.6894



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.



80.7254, 72.3704, 100.9820



78.3477, 67.8135, 99.5778



77.2105, 70.9644, 82.4724



18.7249, 18.2733, 22.4346



29.3498, 14.2292, 42.0878



2.8758, 1.3927, 4.1936

Inverse Universe

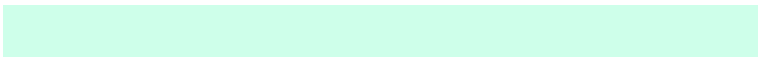
The Inverse Universe completely reimagines the original color for something new.



80.7254, 72.3704, 100.9820



78.3477, 67.8135, 99.5778



76.0333, 90.5699, 91.1425



18.7249, 18.2733, 22.4346



29.3498, 14.2292, 42.0878



2.8758, 1.3927, 4.1936

Previews

White Background



This preview shows how the XYZ color 80.7239, 72.3676, 100.9805 looks on a white background.

Color Contrast Check

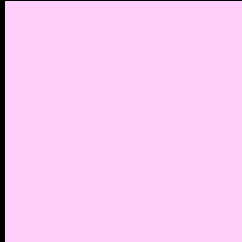
Large Text (above 18pt) WCAG AA × Fail

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 80.7239, 72.3676, 100.9805 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

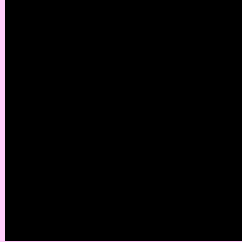
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 80.7239, 72.3676, 100.9805

Background



This preview shows how black text looks on a background with the XYZ color 80.7239, 72.3676, 100.9805.



This preview shows how white text looks on a background with the XYZ color 80.7239, 72.3676,

100.9805.

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

80.7239, 72.3676, 100.9805

Protanopia

71.6675, 72.8535, 104.8926

Deuteranopia

74.2879, 72.7743, 99.7540



Tritanopia

77.0566, 72.3347, 82.5737

Trichromacy



Original Color

80.7239, 72.3676, 100.9805

Protanomaly

74.8230, 72.5796, 103.8316

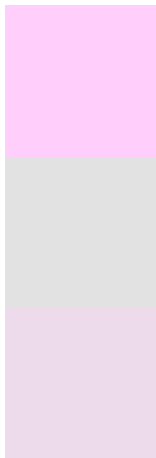
Deuteranomaly

76.3954, 72.3398, 100.3790

Tritanomaly

78.4488, 72.5397, 89.2237

Monochromacy



Original Color

80.7239, 72.3676, 100.9805

Achromatopsia

72.2879, 76.0525, 82.8211

Achromatomaly

75.2520, 74.6657, 89.0430

CSS Examples

Text

The CSS property to change the color of the text to XYZ 80.7239, 72.3676, 100.9805 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, 206, 251)` looks like.

```
.text, #text, p{  
    color:rgb(255, 206, 251)  
}
```

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, 206, 251) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 206, 251) }
```

Border

The CSS property to change the border of an element to XYZ 80.7239, 72.3676, 100.9805 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, 206, 251) }
```


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

```
.border{ border-color:rgb(255, 206, 251) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 206, 251)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 206, 251); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 206, 251);  
box-shadow:4px 4px 4px 4px rgb(255, 206,  
251) }
```

Background

The CSS property to change the background color of an element to XYZ 80.7239, 72.3676, 100.9805 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 206, 251) }
```

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

```
.background{ background-color: rgb(255,  
206, 251) }
```

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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