

Converting Colors

XYZ(77.5913, 69.9700, 88.0133)

Have a look what the booklet for
XYZ(77.5913, 69.9700, 88.0133)
contains.

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Color

**XYZ(77.5913, 69.9700,
88.0133)**

Conversions

Conversions Part 1

Format	Color
Hex	FFCBEB
RGB	255, 203, 235
RGB Percent	100%, 80%, 92%
CMY	0.0000, 0.2039, 0.0784
CMYK	0.00, 0.20, 0.08, 0.00
HSL	323°, 100%, 90%
HSV	323°, 20%, 100%
XYZ	77.5913, 69.9700, 88.0133
YIQ	222.1960, 20.7200, 20.9760

Conversions

Conversions Part 2

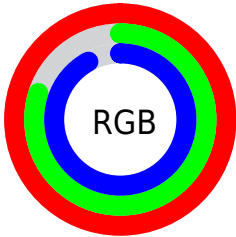
Format	Color
R _Y B	255, 203, 235
Decimal	16763883
CIE Lab	86.98, 23.41, -8.75
CIE LCh	87, 24.992, 339.506
Yxy	69.9700, 0.3294, 0.2970
Android (android.graphics.Color)	4294953963 (0xFFFFCBEB)
YUV	222.1960, 6.3124, 28.7691
Hunter-Lab	83.6481, 19.1911, -3.8304

Details

The XYZ color **77.5913, 69.9700, 88.0133** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **73.7101, 89.5453, 83.2143**, and the grayscale version is **69.5176, 73.1379, 79.6472**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **42.1728, 36.7553, 47.5196** is the 20% darker color. If you saturate the color by 10%, you get **70.6792, 58.3513, 78.9101**, and if you desaturate by 10%, it is **85.5751, 83.6065, 97.8611**.

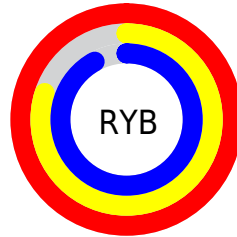
Distribution



Red (100%)

Green (80%)

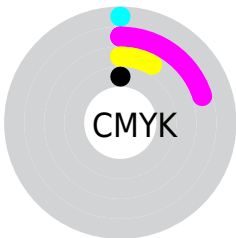
Blue (92%)



Red (100%)

Yellow (80%)

Blue (92%)

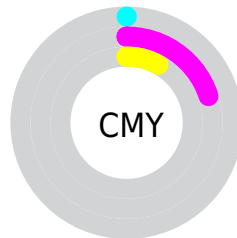


Cyan (0%)

Magenta (20%)

Yellow (8%)

Black (0%)



Cyan (0%)

Magenta (20%)

Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 77.5913, 69.9700, 88.0133 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 77.5913, 69.9700, 88.0133 by changing the saturation by 10% instead.

77.5913, 69.9700,
88.0133

77.5913, 69.9700,
88.0133

475.6388,
460.4447, 541.9492

58.0399, 51.5021,
65.7697

128.9422,
119.1660, 146.4870

42.0841, 36.6083,
47.6302

161.4725,
150.6628, 183.5541

29.3586, 24.9044,
33.1762

199.0598,
187.2714, 226.3995

19.4979, 16.0058,
21.9892

242.0694,
229.3762, 275.4417

12.1367, 9.5283,
13.6507

290.8668,
277.3615, 331.0992

6.9097, 5.0873,
7.7422

345.8173,

3.4515, 2.2986,

331.6117, 393.7906

3.8450

407.2861,
392.5113, 463.9344

■ 1.3968, 0.7730,
1.5407

■ 0.2539, 0.0000,
0.2480

■ 77.5913, 69.9700,
88.0133

■ 77.5913, 69.9700,
88.0133

■ 70.6792, 58.3513,
78.9101

■ 85.5751, 83.6065,
97.8611

■ 64.7845, 48.6445,
70.5244

94.6722, 99.3428,
108.4707

■ 59.8549, 40.7471,
62.8336

95.0500, 100.0000,
108.9000

■ 55.8317, 34.5435,
55.8115

■ 52.6492, 29.9045,
49.4295

■ 50.2324, 26.6823,
43.6560

■ 48.4917, 24.7001,
38.4539

■ 47.3188, 23.6915,
33.9407

Harmonies

Analogous

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



73.9094, 69.9700, 103.8008



77.5913, 69.9700, 88.0133



78.2100, 69.9700, 70.9952

Triad

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



77.5913, 69.9700, 88.0133



64.6665, 69.9700, 48.6571



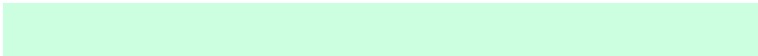
58.2083, 69.9700, 98.5384

Complementary

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



77.5913, 69.9700, 88.0133



73.7101, 89.5453, 83.2143

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.



56.0292, 69.9700, 81.6227



77.5913, 69.9700, 88.0133



59.6112, 69.9700, 53.9616

Square

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



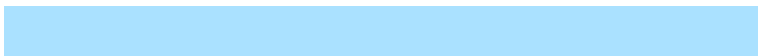
77.5913, 69.9700, 88.0133



70.5154, 69.9700, 49.8492



56.5273, 69.9700, 65.4678



62.6485, 69.9700, 110.4682

Rectangle

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



77.5913, 69.9700, 88.0133



76.7676, 69.9700, 61.4140



56.5273, 69.9700, 65.4678



57.1993, 69.9700, 93.1537

Sweetspot

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



77.5929, 69.9729, 88.0148



89.4287, 90.2504, 102.4234



69.8193, 65.6126, 103.5924



19.0158, 19.1002, 21.7755



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.



77.5929, 69.9729, 88.0148



74.9762, 65.5502, 84.6434



74.1149, 68.5817, 69.6996



18.4792, 18.1750, 21.1407



24.8003, 12.4094, 18.1308



2.4682, 1.2296, 2.0467

Inverse Universe

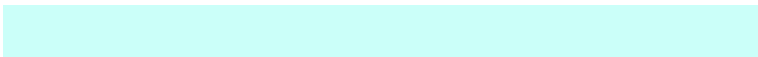
The Inverse Universe completely reimagines the original color for something new.



77.5929, 69.9729, 88.0148



74.9762, 65.5502, 84.6434



77.4788, 91.0528, 103.0600



18.4792, 18.1750, 21.1407



24.8003, 12.4094, 18.1308



2.4682, 1.2296, 2.0467

Previews

White Background



This preview shows how the XYZ color 77.5913, 69.9700, 88.0133 looks on a white background.

Color Contrast Check

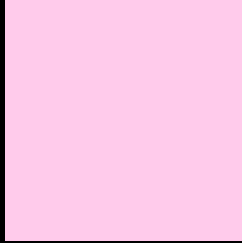
Large Text (above 18pt) WCAG AA × Fail

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 77.5913, 69.9700, 88.0133 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

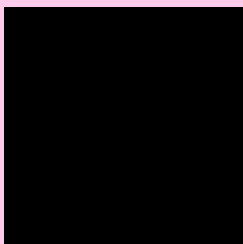
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 77.5913, 69.9700, 88.0133

Background



This preview shows how black text looks on a background with the XYZ color 77.5913, 69.9700, 88.0133.



This preview shows how white text looks on a background with the XYZ color 77.5913, 69.9700,

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

77.5913, 69.9700, 88.0133

Protanopia

69.0148, 70.5438, 94.7729

Deuteranopia

71.5302, 70.1260, 86.8564



Tritanopia

75.3905, 69.7657, 77.8992

Trichromacy



Original Color

77.5913, 69.9700, 88.0133

Protanomaly

71.9048, 70.2012, 92.1985

Deuteranomaly

73.5869, 70.0667, 87.4877

Tritanomaly

76.1934, 69.7475, 81.3983

Monochromacy



Original Color

77.5913, 69.9700, 88.0133

Achromatopsia

69.4303, 73.0461, 79.5472

Achromatomaly

72.0973, 71.6394, 82.7009

CSS Examples

Text

The CSS property to change the color of the text to XYZ 77.5913, 69.9700, 88.0133 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, 235)` looks like.

```
.text, #text, p{  
    color:rgb(255, 203, 235)  
}
```

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, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 203, 235) }
```

Border

The CSS property to change the border of an element to XYZ 77.5913, 69.9700, 88.0133 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, 235) }
```


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

```
.border{ border-color:rgb(255, 203, 235) }
```

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, 235) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 203, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 203, 235);  
box-shadow:4px 4px 4px 4px rgb(255, 203,  
235) }
```

Background

The CSS property to change the background color of an element to XYZ 77.5913, 69.9700, 88.0133 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, 235) }
```

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

```
.background{ background-color: rgb(255,  
203, 235) }
```

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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