

Converting Colors

XYZ(85.2292, 75.3976, 85.0973)

Have a look what the booklet for
XYZ(85.2292, 75.3976, 85.0973)
contains.

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Color

**XYZ(77.8358, 71.5988,
84.5805)**

Conversions

Conversions Part 1

Format	Color
Hex	FFCFE6
RGB	255, 207, 230
RGB Percent	100%, 81%, 90%
CMY	0.0000, 0.1882, 0.0980
CMYK	0.00, 0.19, 0.10, 0.00
HSL	331°, 100%, 91%
HSV	331°, 19%, 100%
XYZ	77.8358, 71.5988, 84.5805
YIQ	223.9740, 21.2250, 17.3290

Conversions

Conversions Part 2

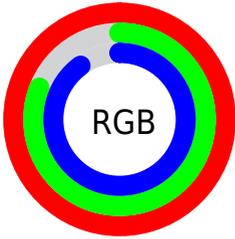
Format	Color
R _{YB}	255, 207, 230
Decimal	16764902
CIE Lab	87.78, 20.48, -4.93
CIE LCh	88, 21.067, 346.470
Yxy	71.5988, 0.3326, 0.3060
Android (android.graphics.Color)	4294954982 (0xFFFFCFE6)
YUV	223.9740, 2.9708, 27.2098
Hunter-Lab	84.6161, 16.1187, -0.0338

Details

The XYZ color **77.8358, 71.5988, 84.5805** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **76.0599, 90.6127, 89.8285**, and the grayscale version is **70.8033, 74.4905, 81.1202**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **42.2548, 37.5574, 45.5797** is the 20% darker color. If you saturate the color by 10%, you get **70.3548, 59.5090, 73.2326**, and if you desaturate by 10%, it is **86.4597, 85.7466, 97.0125**.

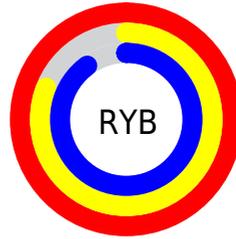
Distribution



Red (100%)

Green (81%)

Blue (90%)



Red (100%)

Yellow (81%)

Blue (90%)

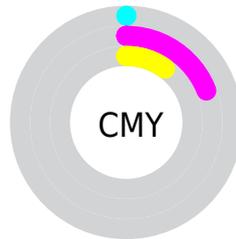


Cyan (0%)

Magenta (19%)

Yellow (10%)

Black (0%)



Cyan (0%)

Magenta (19%)

Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 77.8358, 71.5988, 84.5805 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 77.8358, 71.5988, 84.5805 by changing the saturation by 10% instead.

 77.8358, 71.5988,
84.5805

 77.8358, 71.5988,
84.5805

476.4574,
466.1440, 530.3473

 58.2414, 52.8310,
62.9467

129.2852,
121.4860, 141.6559

 42.2468, 37.6679,
45.3573

161.8710,
153.3741, 177.9345

 29.4865, 25.7250,
31.3940

199.5179,
190.4045, 219.9318

 19.5953, 16.6180,
20.6381

242.5913,
232.9615, 268.0663

 12.2078, 9.9625,
12.6710

291.4566,
281.4296, 322.7566

 6.9585, 5.3741,
7.0744

346.4792,

 3.4823, 2.4684,

336.1931, 384.4211

3.4295

408.0243,
397.6364, 453.4785

■ 1.4136, 0.8608,
1.3179

■ 0.2659, 0.0000,
0.0764

■ 77.8358, 71.5988,
84.5805

■ 77.8358, 71.5988,
84.5805

■ 70.3548, 59.5090,
73.2326

■ 86.4597, 85.7466,
97.0125

■ 63.9611, 49.3716,
62.9320

95.0500, 100.0000,
108.9000

■ 58.6013, 41.0847,
53.6456

■ 54.2153, 34.5336,
45.3368

■ 50.7365, 29.5908,
37.9660

■ 48.0894, 26.1108,
31.4899

■ 46.1846, 23.9216,
25.8600

■ 44.8946, 22.7740,
21.0138

■ 44.7639, 22.6696,
20.4868

Harmonies

Analogous

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



75.2647, 71.5988, 98.5049



77.8358, 71.5988, 84.5805



77.6962, 71.5988, 70.4091

Triad

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



77.8358, 71.5988, 84.5805



65.3626, 71.5988, 54.4204



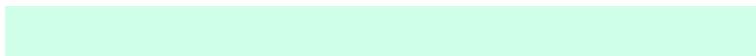
61.6425, 71.5988, 99.6775

Complementary

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



77.8358, 71.5988, 84.5805



76.0599, 90.6127, 89.8285

Split Complementary

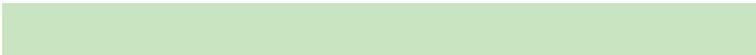
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



59.2418, 71.5988, 86.0301



77.8358, 71.5988, 84.5805



61.3164, 71.5988, 60.4891

Square

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



77.8358, 71.5988, 84.5805



70.3269, 71.5988, 54.1331



59.1254, 71.5988, 71.6923



65.8277, 71.5988, 107.9148

Rectangle

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



77.8358, 71.5988, 84.5805



76.0815, 71.5988, 62.7090



59.1254, 71.5988, 71.6923



60.6092, 71.5988, 95.5001

Sweetspot

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



77.8374, 71.6017, 84.5820



89.1051, 90.1210, 100.7193



73.5790, 68.9713, 104.0425



18.9393, 19.0696, 21.3727



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.



77.8374, 71.6017, 84.5820



74.5748, 66.3043, 79.7097



75.0117, 70.7824, 68.7441



18.3719, 18.1321, 20.5754



23.4646, 11.8751, 11.0969



2.3395, 1.1782, 1.3692

Inverse Universe

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



77.8374, 71.6017, 84.5820



74.5748, 66.3043, 79.7097



79.2891, 91.4969, 108.0894



18.3719, 18.1321, 20.5754



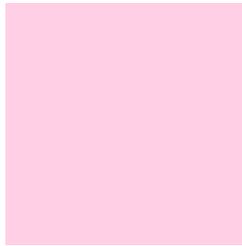
23.4646, 11.8751, 11.0969



2.3395, 1.1782, 1.3692

Previews

White Background



This preview shows how the XYZ color 77.8358, 71.5988, 84.5805 looks on a white background.

Color Contrast Check

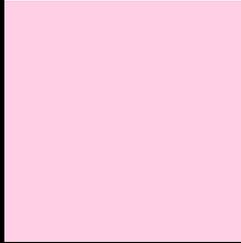
Large Text (above 18pt) WCAG AA × Fail

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 77.8358, 71.5988, 84.5805 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

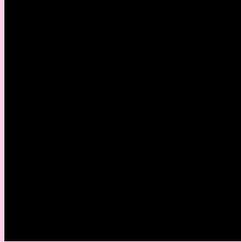
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 77.8358, 71.5988, 84.5805

Background



This preview shows how black text looks on a background with the XYZ color 77.8358, 71.5988, 84.5805.



This preview shows how white text looks on a background with the XYZ color 77.8358, 71.5988,

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

77.8358, 71.5988, 84.5805

Protanopia

69.8310, 71.8375, 90.3063

Deuteranopia

73.4493, 71.9274, 84.1409



Tritanopia

76.8835, 71.5644, 80.2821

Trichromacy



Original Color

77.8358, 71.5988, 84.5805

Protanomaly

72.4304, 71.6972, 87.8634

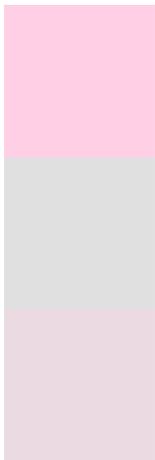
Deuteranomaly

74.7453, 71.4788, 83.9860

Tritanomaly

77.1564, 71.6736, 81.7193

Monochromacy



Original Color

77.8358, 71.5988, 84.5805

Achromatopsia

70.8507, 74.5404, 81.1745

Achromatomaly

73.0598, 73.2960, 82.2484

CSS Examples

Text

The CSS property to change the color of the text to XYZ 77.8358, 71.5988, 84.5805 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, 207, 230)` looks like.

```
.text, #text, p{  
    color:rgb(255, 207, 230)  
}
```

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, 207, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 207, 230) }
```

Border

The CSS property to change the border of an element to XYZ 77.8358, 71.5988, 84.5805 is called "border". The border property can be set on classes, ids or directly on the HTML element.

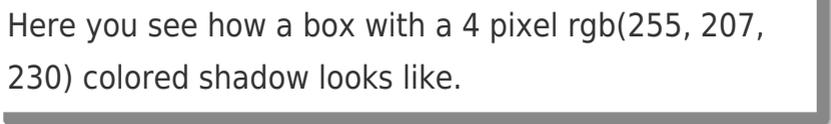
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(255, 207, 230) }
```

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

```
.border{ border-color:rgb(255, 207, 230) }
```

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



Here you see how a box with a 4 pixel `rgb(255, 207, 230)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 207, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 207, 230);  
box-shadow:4px 4px 4px 4px rgb(255, 207,  
230) }
```

Background

The CSS property to change the background color of an element to XYZ 77.8358, 71.5988, 84.5805 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 207, 230) }
```

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

```
.background{ background-color: rgb(255,  
207, 230) }
```

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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