

Converting Colors

XYZ(106.9806, 93.2479,
100.7950)

Have a look what the booklet for
XYZ(106.9806, 93.2479, 100.7950)
contains.

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Color

**XYZ(85.1085, 81.8877,
100.1271)**

Conversions

Conversions Part 1

Format	Color
Hex	FFE1F8
RGB	255, 225, 248
RGB Percent	100%, 88%, 97%
CMY	0.0000, 0.1176, 0.0274
CMYK	0.00, 0.12, 0.03, 0.00
HSL	314°, 100%, 94%
HSV	314°, 12%, 100%
XYZ	85.1085, 81.8877, 100.1271
YIQ	236.5920, 10.4970, 13.5130

Conversions

Conversions Part 2

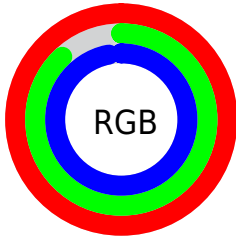
Format	Color
R _Y B	255, 225, 248
Decimal	16769528
CIE Lab	92.53, 14.15, -7.38
CIE LCh	93, 15.953, 332.462
Yxy	81.8877, 0.3186, 0.3066
Android (android.graphics.Color)	4294959608 (0xFFFFE1F8)
YUV	236.5920, 5.6241, 16.1438
Hunter-Lab	90.4918, 9.5204, -2.2587

Details

The XYZ color **85.1085, 81.8877, 100.1271** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **81.3792, 93.3549, 90.0773**, and the grayscale version is **80.1368, 84.3102, 91.8138**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **47.1779, 44.5610, 55.9838** is the 20% darker color. If you saturate the color by 10%, you get **77.8147, 68.7539, 93.2145**, and if you desaturate by 10%, it is **93.4646, 97.0986, 107.5409**.

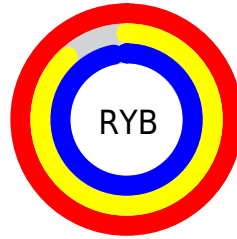
Distribution



Red (100%)

Green (88%)

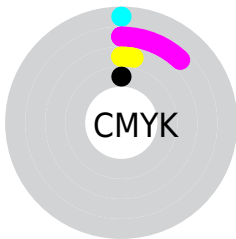
Blue (97%)



Red (100%)

Yellow (88%)

Blue (97%)

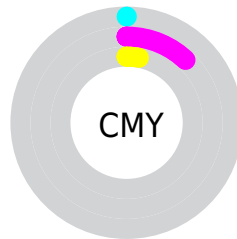


Cyan (0%)

Magenta (12%)

Yellow (3%)

Black (0%)



Cyan (0%)


Magenta (12%)


Yellow (3%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 85.1085, 81.8877, 100.1271 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 85.1085, 81.8877, 100.1271 by changing the saturation by 10% instead.


 85.1085, 81.8877,
100.1271

 85.1085, 81.8877,
100.1271


500.4653,
501.2720, 581.8503

 64.2538, 61.2730,
75.7892


139.4380,
136.0165, 163.3852

 47.1187, 44.4455,
55.7541

173.6435,
170.2994, 203.1426

 33.3379, 31.0209,
39.6031


213.0301,
209.9071, 248.8768

 22.5459, 20.6148,
26.9178

257.9630,
255.2240, 301.0064

 14.3774, 12.8427,
17.2796

308.8076,
306.6346, 359.9501

 8.4671, 7.3203,
10.2700

365.9293,

 4.4495, 3.6632,

364.5232, 426.1262

5.4704

429.6934,
429.2742, 499.9534

■ 1.9595, 1.4870,
2.4623

■ 0.6110, 0.2796,
0.8201

■ 85.1085, 81.8877,
100.1271

■ 85.1085, 81.8877,
100.1271

■ 77.8147, 68.7539,
93.2145

■ 93.4646, 97.0986,
107.5409

■ 71.5323, 57.5964,
86.7813

95.0500, 100.0000,
108.9000

■ 66.2137, 48.3205,
80.8115

■ 61.8056, 40.8201,
75.2861

■ 58.2494, 34.9783,
70.1839

■ 55.4795, 30.6642,
65.4818

■ 53.4203, 27.7271,
61.1532

■ 51.9806, 25.9855,
57.1662

■ 51.1470, 25.2228,
54.0998

Harmonies

Analogous

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



82.1847, 81.8877, 109.8219



85.1085, 81.8877, 100.1271



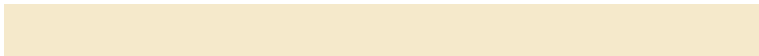
86.0618, 81.8877, 88.1858

Triad

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



85.1085, 81.8877, 100.1271



77.4903, 81.8877, 68.2625



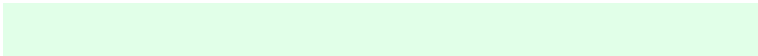
71.3043, 81.8877, 101.9714

Complementary

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



85.1085, 81.8877, 100.1271



81.3792, 93.3549, 90.0773

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.



70.1439, 81.8877, 90.1449



85.1085, 81.8877, 100.1271



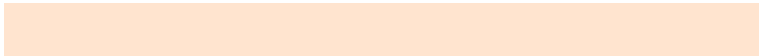
73.6354, 81.8877, 71.2702

Square

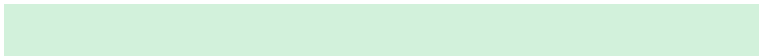
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



85.1085, 81.8877, 100.1271



81.5719, 81.8877, 70.4299



70.9822, 81.8877, 79.0278



74.2078, 81.8877, 110.9514

Rectangle

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



85.1085, 81.8877, 100.1271



85.4253, 81.8877, 80.7291



70.9822, 81.8877, 79.0278



70.7022, 81.8877, 98.1621

Sweetspot

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



85.1103, 81.8910, 100.1288



91.5011, 93.5115, 105.8384



78.0949, 78.1466, 105.5755



19.4463, 19.7623, 22.5325



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.



85.1103, 81.8910, 100.1288



83.3875, 78.7748, 98.5391



82.9469, 81.0256, 88.7367



18.6007, 18.2236, 21.7805



26.7859, 13.2037, 28.5867



2.6499, 1.3023, 3.0036

Inverse Universe

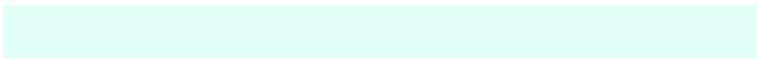
The Inverse Universe completely reimagines the original color for something new.



85.1103, 81.8910, 100.1288



83.3875, 78.7748, 98.5391



83.5248, 94.2132, 101.3757



18.6007, 18.2236, 21.7805



26.7859, 13.2037, 28.5867



2.6499, 1.3023, 3.0036

Previews

White Background



This preview shows how the XYZ color 85.1085, 81.8877, 100.1271 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 85.1085, 81.8877, 100.1271 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

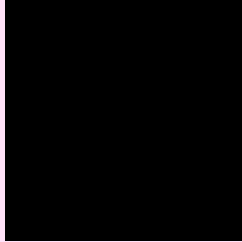
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 85.1085, 81.8877, 100.1271

Background



This preview shows how black text looks on a background with the XYZ color 85.1085, 81.8877, 100.1271.



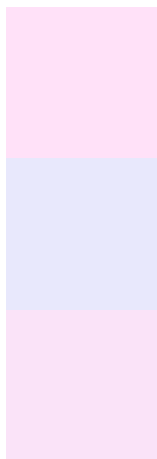
This preview shows how white text looks on a background with the XYZ color 85.1085, 81.8877,

100.1271.

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

85.1085, 81.8877, 100.1271

Protanopia

79.7060, 81.8973, 103.7023

Deuteranopia

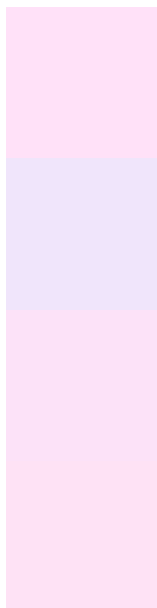
83.8367, 82.0395, 100.2235



Tritanopia

84.2471, 81.9346, 96.1687

Trichromacy



Original Color

85.1085, 81.8877, 100.1271

Protanomaly

81.3671, 81.5289, 102.7149

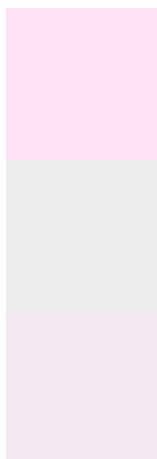
Deuteranomaly

84.2845, 81.8655, 100.1663

Tritanomaly

84.5508, 82.0561, 97.7683

Monochromacy



Original Color

85.1085, 81.8877, 100.1271

Achromatopsia

80.4953, 84.6873, 92.2245

Achromatomaly

82.3243, 83.8618, 95.0671

CSS Examples

Text

The CSS property to change the color of the text to XYZ 85.1085, 81.8877, 100.1271 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, 225, 248)` looks like.

```
.text, #text, p{  
    color:rgb(255, 225, 248)  
}
```

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, 225, 248) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 225, 248) }
```

Border

The CSS property to change the border of an element to XYZ 85.1085, 81.8877, 100.1271 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, 225, 248) }
```


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

```
.border{ border-color:rgb(255, 225, 248) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 225, 248)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 225, 248); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 225, 248);  
box-shadow:4px 4px 4px 4px rgb(255, 225,  
248) }
```

Background

The CSS property to change the background color of an element to XYZ 85.1085, 81.8877, 100.1271 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 225, 248) }
```

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

```
.background{ background-color: rgb(255,  
225, 248) }
```

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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