

Converting Colors

XYZ(88.3738, 82.8234, 98.0823)

Have a look what the booklet for
XYZ(88.3738, 82.8234, 98.0823)
contains.

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Color

**XYZ(84.1091, 80.6279,
97.5159)**

Conversions

Conversions Part 1

Format	Color
Hex	FFDFF5
RGB	255, 223, 245
RGB Percent	100%, 87%, 96%
CMY	0.0000, 0.1255, 0.0392
CMYK	0.00, 0.13, 0.04, 0.00
HSL	319°, 100%, 94%
HSV	319°, 13%, 100%
XYZ	84.1091, 80.6279, 97.5159
YIQ	235.0760, 12.0100, 13.6260

Conversions

Conversions Part 2

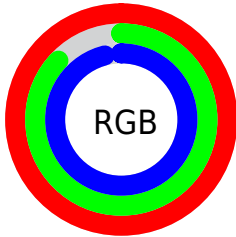
Format	Color
R _Y B	255, 223, 245
Decimal	16769013
CIE Lab	91.97, 14.66, -6.63
CIE LCh	92, 16.095, 335.654
Yxy	80.6279, 0.3207, 0.3074
Android (android.graphics.Color)	4294959093 (0xFFFFDFF5)
YUV	235.0760, 4.8925, 17.4733
Hunter-Lab	89.7930, 10.0631, -1.5342

Details

The XYZ color **84.1091, 80.6279, 97.5159** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **80.9018, 93.0924, 90.7987**, and the grayscale version is **78.9827, 83.0959, 90.4914**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **46.4766, 43.6852, 54.1266** is the 20% darker color. If you saturate the color by 10%, you get **76.6121, 67.5389, 89.1440**, and if you desaturate by 10%, it is **92.6881, 95.7963, 106.5092**.

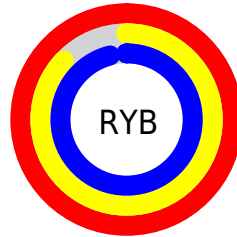
Distribution



Red (100%)

Green (87%)

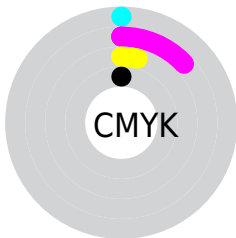
Blue (96%)



Red (100%)

Yellow (87%)

Blue (96%)

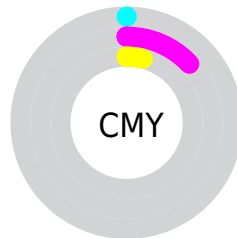


Cyan (0%)

Magenta (13%)

Yellow (4%)

Black (0%)



Cyan (0%)


Magenta (13%)


Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 84.1091, 80.6279, 97.5159 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 84.1091, 80.6279, 97.5159 by changing the saturation by 10% instead.


 84.1091, 80.6279,
97.5159

 84.1091, 80.6279,
97.5159


497.2037,
497.0464, 573.3772

 63.4255, 60.2352,
73.6223


138.0482,
134.2482, 159.7612

 46.4455, 43.6082,
53.9901


172.0345,
168.2445, 198.9500

 32.8036, 30.3626,
38.2006


211.1858,
207.5442, 244.0744

 22.1346, 20.1140,
25.8354

255.8673,
252.5316, 295.5527

 14.0730, 12.4779,
16.4759

306.4445,
303.5911, 353.8036

 8.2535, 7.0701,
9.7035

363.2827,

 4.3107, 3.5059,

361.1072, 419.2456

5.0998

426.7473,
425.4641, 492.2973

■ 1.8794, 1.4012,
2.2462

■ 0.5648, 0.2176,
0.7008

■ 84.1091, 80.6279,
97.5159

■ 84.1091, 80.6279,
97.5159

■ 76.6121, 67.5389,
89.1440

■ 92.6881, 95.7963,
106.5092

■ 70.1453, 56.4280,
81.3697

95.0500, 100.0000,
108.9000

■ 64.6608, 47.1996,
74.1749

■ 60.1042, 39.7466,
67.5382

■ 56.4162, 33.9512,
61.4363

■ 53.5300, 29.6809,
55.8434

■ 51.3686, 26.7829,
50.7305

■ 49.8390, 25.0724,
46.0628

■ 49.0083, 24.3673,
42.8373

Harmonies

Analogous

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



81.3631, 80.6279, 107.6232



84.1091, 80.6279, 97.5159



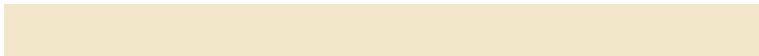
84.8223, 80.6279, 85.5655

Triad

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



84.1091, 80.6279, 97.5159



75.8537, 80.6279, 67.0233



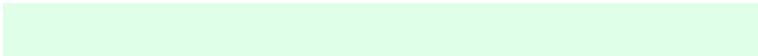
70.3536, 80.6279, 101.7436

Complementary

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



84.1091, 80.6279, 97.5159



80.9018, 93.0924, 90.7987

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.



68.9912, 80.6279, 90.0528



84.1091, 80.6279, 97.5159



72.0926, 80.6279, 70.5567

Square

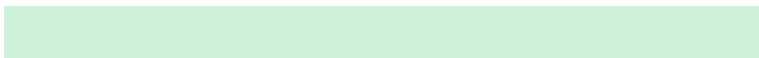
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



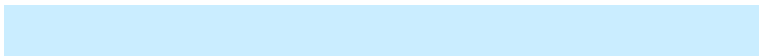
84.1091, 80.6279, 97.5159



79.9591, 80.6279, 68.6350



69.6162, 80.6279, 78.7334



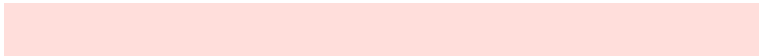
73.4031, 80.6279, 110.2137

Rectangle

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



84.1091, 80.6279, 97.5159



84.0275, 80.6279, 78.2958



69.6162, 80.6279, 78.7334



69.6882, 80.6279, 98.0224

Sweetspot

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



84.1109, 80.6311, 97.5176



91.3729, 93.4602, 105.1634



77.9144, 77.2556, 105.4130



19.4138, 19.7493, 22.3613



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

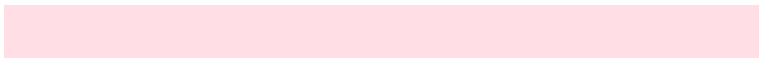
The Same Dimension uses a secret algorithm to generate beautiful new colors.



84.1109, 80.6311, 97.5176



82.1731, 77.2308, 95.4068



81.8287, 79.7183, 85.4997



18.5368, 18.1980, 21.4441



25.6783, 12.7606, 22.7541



2.5495, 1.2622, 2.4751

Inverse Universe

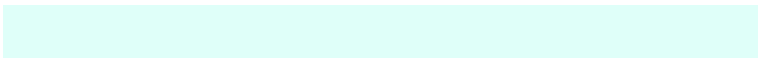
The Inverse Universe completely reimagines the original color for something new.



84.1109, 80.6311, 97.5176



82.1731, 77.2308, 95.4068



83.2300, 94.0236, 103.0584



18.5368, 18.1980, 21.4441



25.6783, 12.7606, 22.7541



2.5495, 1.2622, 2.4751

Previews

White Background



This preview shows how the XYZ color 84.1091, 80.6279, 97.5159 looks on a white background.

Color Contrast Check

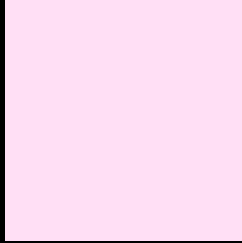
Large Text (above 18pt) WCAG AA × Fail

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 84.1091, 80.6279, 97.5159 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 84.1091, 80.6279, 97.5159

Background



This preview shows how black text looks on a background with the XYZ color 84.1091, 80.6279, 97.5159.



This preview shows how white text looks on a background with the XYZ color 84.1091, 80.6279,

97.5159.

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

84.1091, 80.6279, 97.5159

Protanopia

78.7862, 81.0429, 101.9328

Deuteranopia

82.4736, 80.5827, 97.5934



Tritanopia

83.4059, 80.7330, 94.4062

Trichromacy



Original Color

84.1091, 80.6279, 97.5159

Protanomaly

80.6219, 80.7894, 100.1516

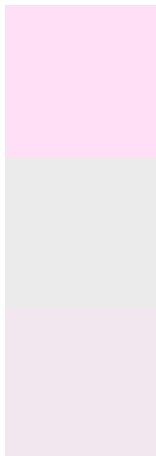
Deuteranomaly

82.9207, 80.4131, 97.5371

Tritanomaly

83.5557, 80.7929, 95.1951

Monochromacy



Original Color

84.1091, 80.6279, 97.5159

Achromatopsia

78.9647, 83.0770, 90.4708

Achromatomaly

80.7739, 82.2611, 93.2821

CSS Examples

Text

The CSS property to change the color of the text to XYZ 84.1091, 80.6279, 97.5159 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, 223, 245)` looks like.

```
.text, #text, p{  
    color:rgb(255, 223, 245)  
}
```

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, 223, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 223, 245) }
```

Border

The CSS property to change the border of an element to XYZ 84.1091, 80.6279, 97.5159 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, 223, 245) }
```


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

```
.border{ border-color:rgb(255, 223, 245) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 223, 245)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 223, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 223, 245);  
box-shadow:4px 4px 4px 4px rgb(255, 223,  
245) }
```

Background

The CSS property to change the background color of an element to XYZ 84.1091, 80.6279, 97.5159 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 223, 245) }
```

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

```
.background{ background-color: rgb(255,  
223, 245) }
```

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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