

Converting Colors

XYZ(84.9580, 82.9670, 94.7125)

Have a look what the booklet for
XYZ(84.9580, 82.9670, 94.7125)
contains.

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Color

**XYZ(84.8606, 83.0977,
94.7859)**

Conversions

Conversions Part 1

Format	Color
Hex	FFE4F1
RGB	255, 228, 241
RGB Percent	100%, 89%, 95%
CMY	0.0000, 0.1059, 0.0549
CMYK	0.00, 0.11, 0.05, 0.00
HSL	331°, 100%, 95%
HSV	331°, 11%, 100%
XYZ	84.8606, 83.0977, 94.7859
YIQ	237.5550, 11.9190, 9.7670

Conversions

Conversions Part 2

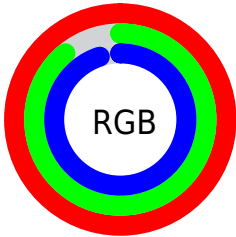
Format	Color
R _Y B	255, 228, 241
Decimal	16770289
CIE Lab	93.06, 11.38, -2.94
CIE LCh	93, 11.758, 345.534
Yxy	83.0977, 0.3230, 0.3163
Android (android.graphics.Color)	4294960369 (0xFFFFE4F1)
YUV	237.5550, 1.6984, 15.2993
Hunter-Lab	91.1579, 6.6425, 2.1609

Details

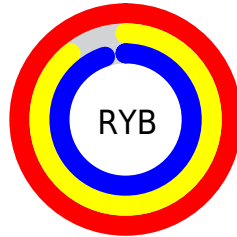
The XYZ color **84.8606, 83.0977, 94.7859** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **83.7845, 94.4260, 97.8181**, and the grayscale version is **80.9067, 85.1201, 92.6958**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **46.9892, 45.3957, 52.1846** is the 20% darker color. If you saturate the color by 10%, you get **76.4522, 69.3280, 82.5893**, and if you desaturate by 10%, it is **94.4507, 99.0007, 108.0861**.

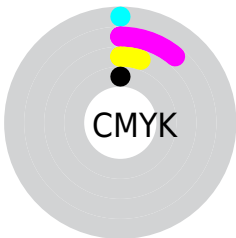
Distribution



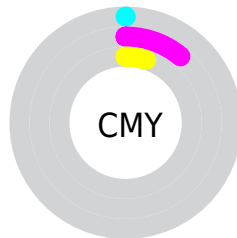
- Red (100%)
- Green (89%)
- Blue (95%)



- Red (100%)
- Yellow (89%)
- Blue (95%)



- Cyan (0%)
- Magenta (11%)
- Yellow (5%)
- Black (0%)





- Cyan (0%)
- Magenta (11%)
- Yellow (5%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 84.8606, 83.0977, 94.7859 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 84.8606, 83.0977, 94.7859 by changing the saturation by 10% instead.


 84.8606, 83.0977,
94.7859

 84.8606, 83.0977,
94.7859


499.6573,
505.3121, 564.4462

 64.0483, 62.2708,
71.3609

139.0934,
137.7123, 155.9618

 46.9516, 45.2515,
52.1531

173.2447,
172.2687, 194.5498

 33.2052, 31.6556,
36.7441


212.5730,
212.1704, 239.0292

 22.4437, 21.0986,
24.7152

257.4436,
257.8018, 289.8185

 14.3017, 13.1961,
15.6479

308.2221,
309.5473, 347.3364

 8.4139, 7.5637,
9.1237

365.2736,

 4.4149, 3.8171,

367.7912, 412.0012

4.7240

428.9635,
432.9180, 484.2316

■ 1.9395, 1.5718,
2.0304

■ 0.5996, 0.3385,
0.5739

■ 84.8606, 83.0977,
94.7859

■ 84.8606, 83.0977,
94.7859

■ 76.4522, 69.3280,
82.5893

94.4507, 99.0007,
108.0861

■ 69.1718, 57.5901,
71.4602

95.0500, 100.0000,
108.9000

■ 62.9698, 47.7891,
61.3676

■ 57.7902, 39.8187,
52.2771

■ 53.5722, 33.5623,
44.1518

■ 50.2478, 28.8895,
36.9517

■ 47.7394, 25.6511,
30.6330

■ 45.9549, 23.6688,
25.1463

■ 44.8003, 22.6841,
20.6783

Harmonies

Analogous

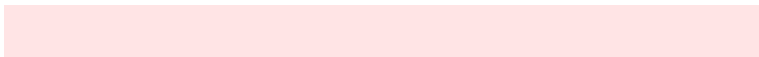
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



83.2874, 83.0977, 102.8971



84.8606, 83.0977, 94.7859



84.8306, 83.0977, 86.0095

Triad

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



84.8606, 83.0977, 94.7859



77.4053, 83.0977, 75.0916



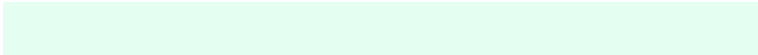
74.9027, 83.0977, 103.1410

Complementary

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



84.8606, 83.0977, 94.7859



83.7845, 94.4260, 97.8181

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.



73.4083, 83.0977, 95.1013



84.8606, 83.0977, 94.7859



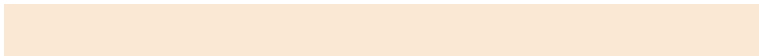
74.8274, 83.0977, 79.1030

Square

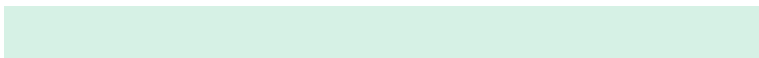
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



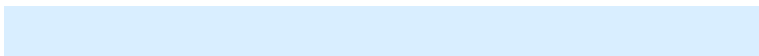
84.8606, 83.0977, 94.7859



80.4716, 83.0977, 75.0193



73.3811, 83.0977, 86.3051



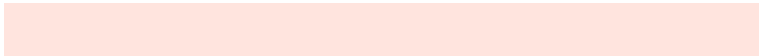
77.5106, 83.0977, 107.9294

Rectangle

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



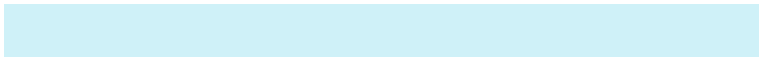
84.8606, 83.0977, 94.7859



83.9035, 83.0977, 80.9689



73.3811, 83.0977, 86.3051



74.2565, 83.0977, 100.7066

Sweetspot

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



84.8625, 83.1011, 94.7877



92.0257, 94.9629, 104.7734



82.3968, 81.5790, 106.0113



19.5282, 20.0450, 22.1934



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

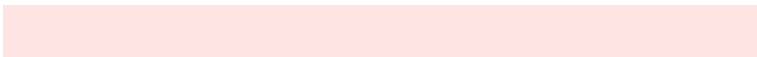
The Same Dimension uses a secret algorithm to generate beautiful new colors.



84.8625, 83.1011, 94.7877



82.7260, 79.5847, 91.7432



83.1134, 82.5998, 84.9660



18.3737, 18.1328, 20.5848



23.4837, 11.8828, 11.1976



2.3414, 1.1789, 1.3792

Inverse Universe

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



84.8625, 83.1011, 94.7877



82.7260, 79.5847, 91.7432



85.6635, 94.9482, 108.4196



18.3737, 18.1328, 20.5848



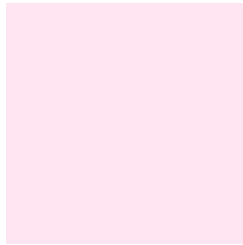
23.4837, 11.8828, 11.1976



2.3414, 1.1789, 1.3792

Previews

White Background



This preview shows how the XYZ color 84.8606, 83.0977, 94.7859 looks on a white background.

Color Contrast Check

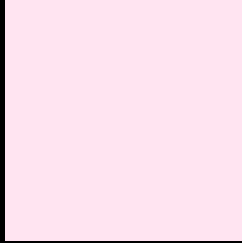
Large Text (above 18pt) WCAG AA × Fail

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 84.8606, 83.0977, 94.7859 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

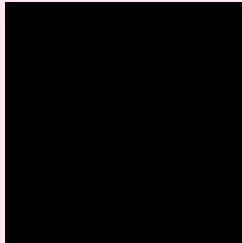
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 84.8606, 83.0977, 94.7859

Background



This preview shows how black text looks on a background with the XYZ color 84.8606, 83.0977, 94.7859.



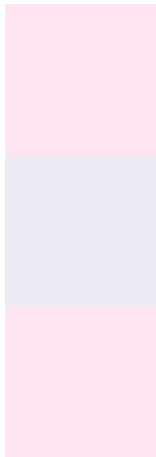
This preview shows how white text looks on a background with the XYZ color 84.8606, 83.0977,

94.7859.

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

84.8606, 83.0977, 94.7859

Protanopia

80.6770, 83.3818, 97.4301

Deuteranopia

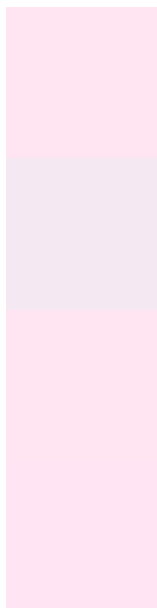
84.8606, 83.0977, 94.7859



Tritanopia

85.4648, 83.3394, 97.9678

Trichromacy



Original Color

84.8606, 83.0977, 94.7859

Protanomaly

82.3425, 83.4174, 96.5553

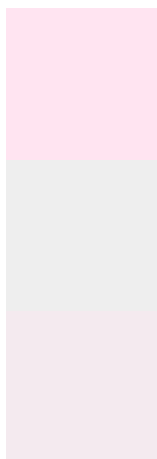
Deuteranomaly

84.8606, 83.0977, 94.7859

Tritanomaly

85.3125, 83.2785, 97.1658

Monochromacy



Original Color

84.8606, 83.0977, 94.7859

Achromatopsia

81.2670, 85.4993, 93.1087

Achromatomaly

82.3110, 84.3107, 93.5967

CSS Examples

Text

The CSS property to change the color of the text to XYZ 84.8606, 83.0977, 94.7859 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, 228, 241)` looks like.

```
.text, #text, p{  
    color:rgb(255, 228, 241)  
}
```

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, 228, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 228, 241) }
```

Border

The CSS property to change the border of an element to XYZ 84.8606, 83.0977, 94.7859 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, 228, 241) }
```


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

```
.border{ border-color:rgb(255, 228, 241) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 228, 241)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 228, 241); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 228, 241);  
box-shadow:4px 4px 4px 4px rgb(255, 228,  
241) }
```

Background

The CSS property to change the background color of an element to XYZ 84.8606, 83.0977, 94.7859 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 228, 241) }
```

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

```
.background{ background-color: rgb(255,  
228, 241) }
```

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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