

Converting Colors

XYZ(84.3494, 85.5575, 83.8804)

Have a look what the booklet for
XYZ(84.3494, 85.5575, 83.8804)
contains.

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Color

**XYZ(84.3903, 85.5966,
84.0255)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | FFEAE2 |
| RGB | 255, 234, 226 |
| RGB Percent | 100%, 92%, 89% |
| CMY | 0.0000, 0.0823, 0.1137 |
| CMYK | 0.00, 0.08, 0.11, 0.00 |
| HSL | 17°, 100%, 94% |
| HSV | 17°, 11%, 100% |
| XYZ | 84.3903, 85.5966, 84.0255 |
| YIQ | 239.3670, 15.0840, 1.9640 |

Conversions

Conversions Part 2

| Format | Color |
|-------------------------------------|-------------------------------|
| R _Y B | 255, 237, 226 |
| Decimal | 16771810 |
| CIE Lab | 94.14, 5.83, 6.45 |
| CIE LCh | 94, 8.691, 47.888 |
| Yxy | 85.5966, 0.3322, 0.3370 |
| Android (android.graphics.Color) | 4294961890 (0xFFFFEAE2) |
| YUV | 239.3670, -6.5899, 13.7101 |
| Hunter-Lab | 92.5184, 0.9108, 10.9156 |

Details

The XYZ color **84.3903, 85.5966, 84.0255** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **82.6740, 89.9079, 107.6043**, and the grayscale version is **82.3733, 86.6631, 94.3761**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **46.5598, 46.7868, 45.1049** is the 20% darker color. If you saturate the color by 10%, you get **76.1635, 74.3324, 65.2849**, and if you desaturate by 10%, it is **93.6892, 98.1714, 105.6931**.

Distribution



Red (100%)

Green (92%)

Blue (89%)



Red (100%)

Yellow (93%)

Blue (89%)



Cyan (0%)

Magenta (8%)

Yellow (11%)

Black (0%)



Cyan (0%)


Magenta (8%)


Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 84.3903, 85.5966, 84.0255 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 84.3903, 85.5966, 84.0255 by changing the saturation by 10% instead.


 84.3903, 85.5966,
84.0255

 84.3903, 85.5966,
84.0255

498.1225,
513.6001, 528.4582

 63.6585, 64.3344,
62.4910


138.4395,
141.2064, 140.8729

 46.6348, 46.9216,
44.9912

172.4875,
176.3229, 177.0228

 32.9538, 32.9737,
31.1076

211.7051,
216.8262, 218.8817

 22.2501, 22.1063,
20.4216

256.4575,
263.1008, 266.8680

 14.1584, 13.9350,
12.5148

307.1101,
315.5312, 321.4002

 8.3134, 8.0755,
6.9685

364.0282,

 4.3496, 4.1433,

374.5015, 382.8970

3.3643

427.5772,
440.3964, 451.7768

■ 1.9018, 1.7540,
1.2835

■ 0.5779, 0.4583,
0.0482

■ 84.3903, 85.5966,
84.0255

■ 84.3903, 85.5966,
84.0255

■ 76.1635, 74.3324,
65.2849

■ 93.6892, 98.1714,
105.6931

■ 68.9632, 64.3256,
49.3397

95.0500, 100.0000,
108.9000

■ 62.7494, 55.5349,
36.0563

■ 57.4769, 47.9127,
25.2881

■ 53.0967, 41.4081,
16.8739

■ 49.5552, 35.9662,
10.6340

■ 46.7922, 31.5271,
6.3618

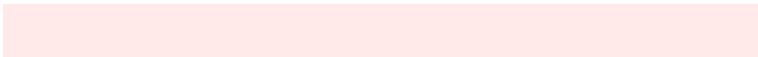
■ 44.7379, 28.0240,
3.8104

■ 43.4544, 25.6889,
2.6681

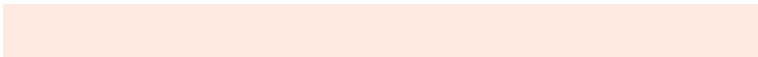
Harmonies

Analogous

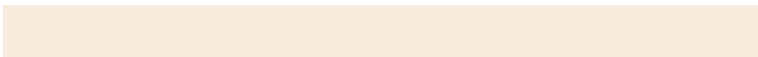
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



85.6838, 85.5966, 89.3244



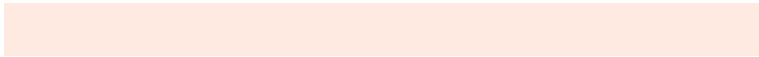
84.3903, 85.5966, 84.0255



82.2981, 85.5966, 81.2396

Triad

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



84.3903, 85.5966, 84.0255



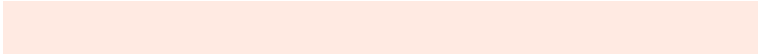
77.0659, 85.5966, 90.5408



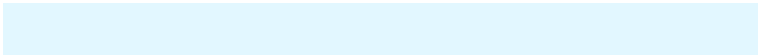
82.7372, 85.5966, 105.9166

Complementary

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



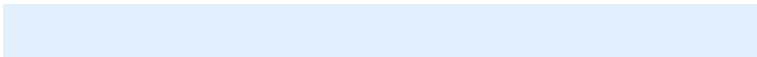
84.3903, 85.5966, 84.0255



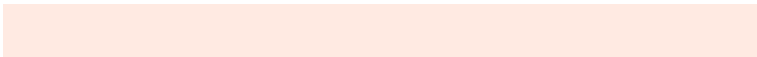
82.6740, 89.9079, 107.6043

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.



80.4231, 85.5966, 106.2806



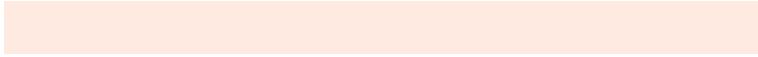
84.3903, 85.5966, 84.0255



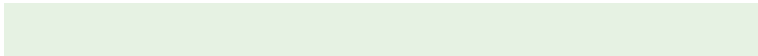
77.1783, 85.5966, 97.1864

Square

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



84.3903, 85.5966, 84.0255



78.0870, 85.5966, 84.8795



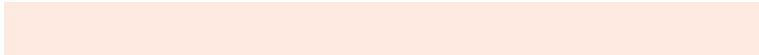
78.3973, 85.5966, 103.0194



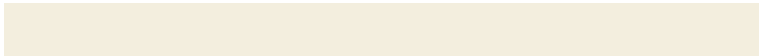
84.7170, 85.5966, 102.0476

Rectangle

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



84.3903, 85.5966, 84.0255



80.7453, 85.5966, 81.0902



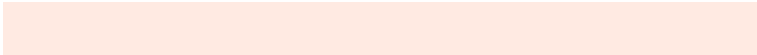
78.3973, 85.5966, 103.0194



81.9718, 85.5966, 106.4594

Sweetspot

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



84.3923, 85.6002, 84.0273



92.1011, 96.0341, 101.9613



85.2666, 82.3856, 99.6199



19.5483, 20.3328, 21.4369



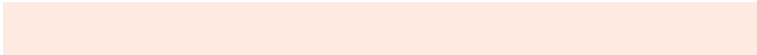
0.0000, 0.0000, 0.0000



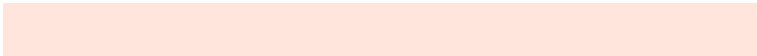
20.3446, 21.4041, 23.3091

Same Dimension

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



84.3923, 85.6002, 84.0273



82.1277, 82.5143, 78.8233



88.6070, 94.0297, 85.4322



18.4174, 18.8030, 18.8030



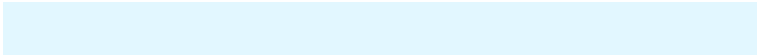
22.8123, 13.6359, 1.4297



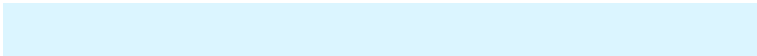
2.3080, 1.5013, 0.1681

Inverse Universe

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



82.6740, 89.9079, 107.6043



80.0503, 87.7197, 107.3202



78.4879, 81.5356, 106.2089



18.1061, 19.5837, 23.0757



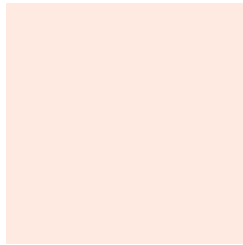
18.5861, 22.0818, 52.7172



1.9013, 2.3333, 5.1634

Previews

White Background



This preview shows how the XYZ color 84.3903, 85.5966, 84.0255 looks on a white background.

Color Contrast Check

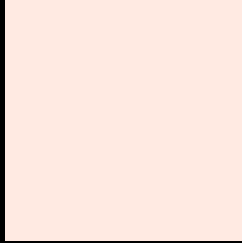
Large Text (above 18pt) WCAG AA × Fail

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 84.3903, 85.5966, 84.0255 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

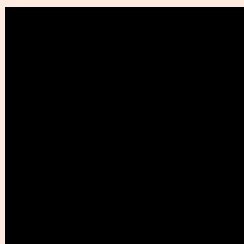
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

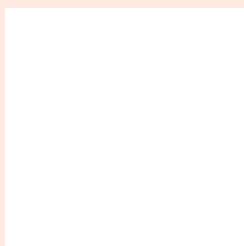
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 84.3903, 85.5966, 84.0255

Background



This preview shows how black text looks on a background with the XYZ color 84.3903, 85.5966, 84.0255.



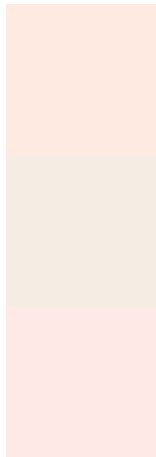
This preview shows how white text looks on a background with the XYZ color 84.3903, 85.5966,

84.0255.

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

84.3903, 85.5966, 84.0255

Protanopia

81.9440, 85.5823, 85.5989

Deuteranopia

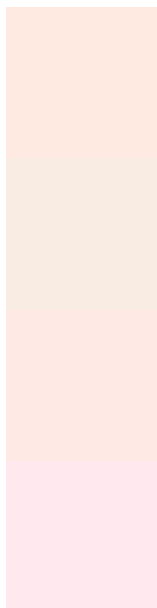
84.8027, 85.3073, 87.5977



Tritanopia

86.8851, 85.6886, 99.9559

Trichromacy



Original Color

84.3903, 85.5966, 84.0255

Protanomaly

82.9275, 85.6767, 84.8396

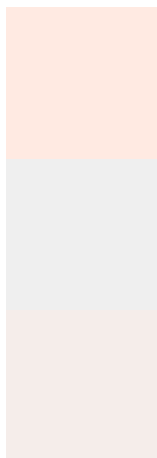
Deuteranomaly

84.5218, 85.1950, 86.1182

Tritanomaly

85.9589, 85.7698, 93.6861

Monochromacy



Original Color

84.3903, 85.5966, 84.0255

Achromatopsia

82.0431, 86.3157, 93.9978

Achromatomaly

82.7917, 85.9214, 90.0628

CSS Examples

Text

The CSS property to change the color of the text to XYZ 84.3903, 85.5966, 84.0255 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, 234, 226) looks like.

```
.text, #text, p{  
    color:rgb(255, 234, 226)  
}
```

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, 234, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 234, 226) }
```

Border

The CSS property to change the border of an element to XYZ 84.3903, 85.5966, 84.0255 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, 234, 226) }
```


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

```
.border{ border-color:rgb(255, 234, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 234, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 234, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 234, 226);  
box-shadow:4px 4px 4px 4px rgb(255, 234,  
226) }
```

Background

The CSS property to change the background color of an element to XYZ 84.3903, 85.5966, 84.0255 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 234, 226) }
```

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

```
.background{ background-color: rgb(255,  
234, 226) }
```

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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