

Converting Colors

XYZ(84.0963, 85.4127, 84.0569)

Have a look what the booklet for
XYZ(84.0963, 85.4127, 84.0569)
contains.

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Color

**XYZ(84.0233, 85.4075,
84.0083)**

Conversions

Conversions Part 1

Format	Color
Hex	FEEAE2
RGB	254, 234, 226
RGB Percent	100%, 92%, 89%
CMY	0.0039, 0.0823, 0.1137
CMYK	0.00, 0.08, 0.11, 0.00
HSL	17°, 93%, 94%
HSV	17°, 11%, 100%
XYZ	84.0233, 85.4075, 84.0083
YIQ	239.0680, 14.4880, 1.7520

Conversions

Conversions Part 2

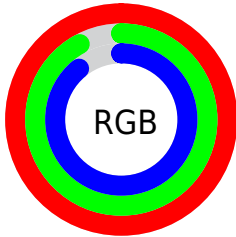
Format	Color
R _Y B	254, 237, 226
Decimal	16706274
CIE Lab	94.06, 5.48, 6.32
CIE LCh	94, 8.365, 49.070
Yxy	85.4075, 0.3315, 0.3370
Android (android.graphics.Color)	4294896354 (0xFFFEAE2)
YUV	239.0680, -6.4425, 13.0954
Hunter-Lab	92.4162, 0.5610, 10.7954

Details

The XYZ color **84.0233, 85.4075, 84.0083** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **82.2087, 89.2341, 106.6577**, and the grayscale version is **82.1397, 86.4174, 94.1085**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **46.2970, 46.6514, 45.0926** is the 20% darker color. If you saturate the color by 10%, you get **75.8911, 74.3133, 65.3569**, and if you desaturate by 10%, it is **93.2053, 97.7732, 105.5589**.

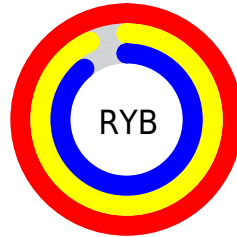
Distribution



Red (100%)

Green (92%)

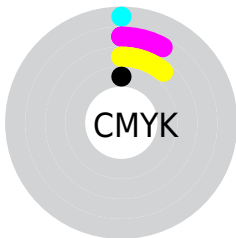
Blue (89%)



Red (100%)

Yellow (93%)

Blue (89%)

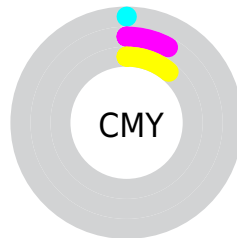


Cyan (0%)

Magenta (8%)

Yellow (11%)

Black (0%)



Cyan (0%)


Magenta (8%)


Yellow (11%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 84.0233, 85.4075, 84.0083 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 84.0233, 85.4075, 84.0083 by changing the saturation by 10% instead.


 84.0233, 85.4075,
84.0083

 84.0233, 85.4075,
84.0083


496.9231,
512.9755, 528.3996

 63.3544, 64.1781,
62.4769


137.9289,
140.9424, 140.8486

 46.3877, 46.7950,
44.9798


171.8963,
176.0167, 176.9946

 32.7578, 32.8736,
31.0987


211.0273,
216.4748, 218.8491

 22.0993, 22.0296,
20.4149

255.6872,
262.7010, 266.8308

 14.0469, 13.8787,
12.5100

306.2413,
315.0798, 321.3581

 8.2352, 8.0363,
6.9652

363.0552,

 4.2989, 4.1182,

373.9955, 382.8497

3.3623

426.4940,
439.8327, 451.7240

■ 1.8726, 1.7399,
1.2824

■ 0.5608, 0.4493,
0.0473

■ 84.0233, 85.4075,
84.0083

■ 84.0233, 85.4075,
84.0083

■ 75.8911, 74.3133,
65.3569

■ 93.2053, 97.7732,
105.5589

■ 68.7633, 64.4385,
49.4750

94.6834, 99.8110,
108.8828

■ 62.6011, 55.7441,
36.2306

■ 57.3609, 48.1844,
25.4794

■ 52.9951, 41.7110,
17.0626

■ 49.4518, 36.2716,
10.8031

■ 46.6725, 31.8090,
6.4980

■ 44.5899, 28.2598,
3.9047

■ 43.2307, 25.7857,
2.6986

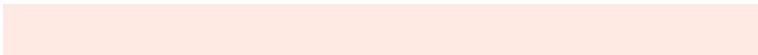
Harmonies

Analogous

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



85.3040, 85.4075, 89.0334



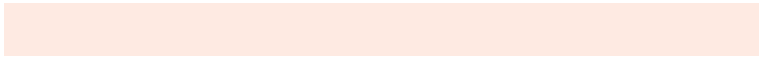
84.0233, 85.4075, 84.0083



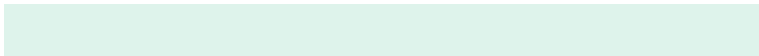
81.9942, 85.4075, 81.4336

Triad

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



84.0233, 85.4075, 84.0083



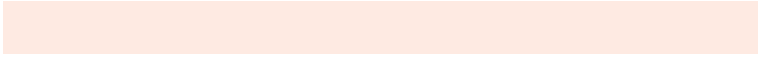
77.0333, 85.4075, 90.6818



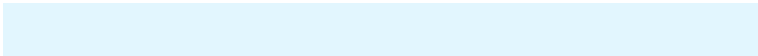
82.5885, 85.4075, 105.1092

Complementary

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



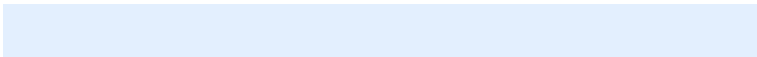
84.0233, 85.4075, 84.0083



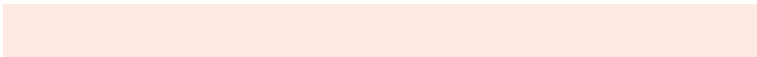
82.2087, 89.2341, 106.6577

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.



80.3658, 85.4075, 105.6003



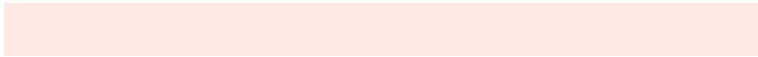
84.0233, 85.4075, 84.0083



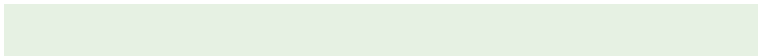
77.1858, 85.4075, 97.0708

Square

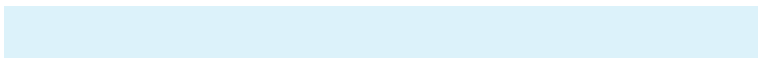
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



84.0233, 85.4075, 84.0083



77.9758, 85.4075, 85.1673



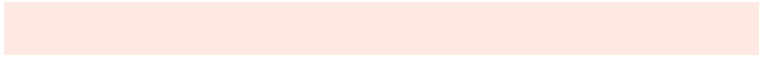
78.3962, 85.4075, 102.5992



84.4652, 85.4075, 101.2866

Rectangle

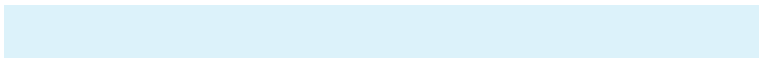
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



84.0233, 85.4075, 84.0083



80.5021, 85.4075, 81.3702



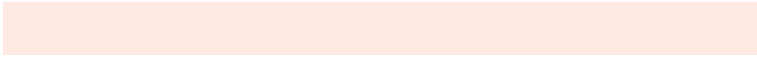
78.3962, 85.4075, 102.5992



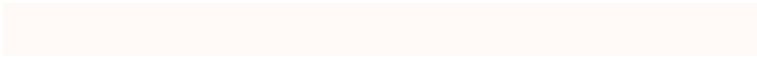
81.8562, 85.4075, 105.6757

Sweetspot

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



84.0257, 85.4113, 84.0101



92.1245, 96.0809, 101.9691



84.7151, 82.1226, 98.6296



19.5546, 20.3453, 21.4390



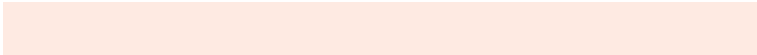
0.0000, 0.0000, 0.0000



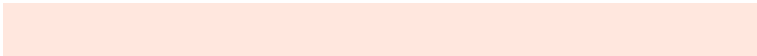
20.3446, 21.4041, 23.3091

Same Dimension

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



84.0257, 85.4113, 84.0101



83.0723, 83.8610, 80.8103



88.1483, 93.6565, 85.3843



18.4323, 18.8327, 18.8079



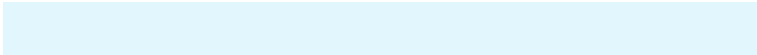
22.8996, 13.8105, 1.4587



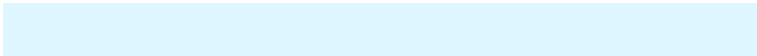
2.3181, 1.5216, 0.1715

Inverse Universe

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



82.2087, 89.2341, 106.6577



80.9391, 88.3476, 107.3946



78.1299, 81.0765, 105.2981



18.0903, 19.5523, 23.0705



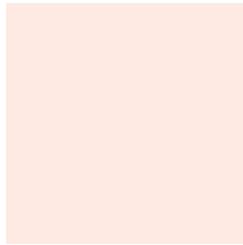
18.3168, 21.5431, 52.6274



1.8768, 2.2844, 5.1553

Previews

White Background



This preview shows how the XYZ color 84.0233, 85.4075, 84.0083 looks on a white background.

Color Contrast Check

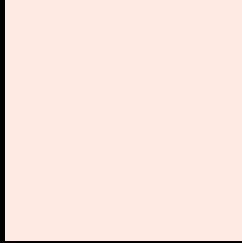
Large Text (above 18pt) WCAG AA × Fail

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 84.0233, 85.4075, 84.0083 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 84.0233, 85.4075, 84.0083

Background



This preview shows how black text looks on a background with the XYZ color 84.0233, 85.4075, 84.0083.

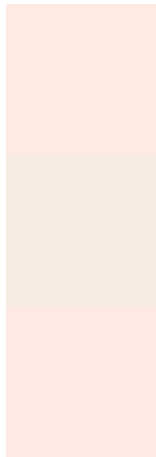


This preview shows how white text looks on a background with the XYZ color 84.0233, 85.4075,

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

84.0233, 85.4075, 84.0083

Protanopia

81.9440, 85.5823, 85.5989

Deuteranopia

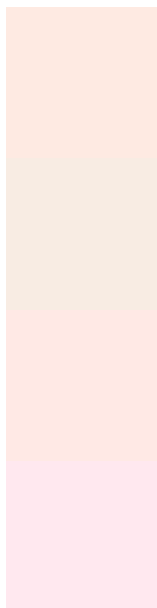
84.8027, 85.3073, 87.5977



Tritanopia

86.6044, 85.1272, 99.8623

Trichromacy



Original Color

84.0233, 85.4075, 84.0083

Protanomaly

82.5720, 85.4934, 84.8229

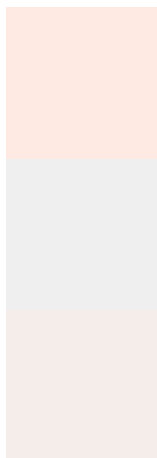
Deuteranomaly

84.5218, 85.1950, 86.1182

Tritanomaly

85.6766, 85.2052, 93.5920

Monochromacy



Original Color

84.0233, 85.4075, 84.0083

Achromatopsia

82.0431, 86.3157, 93.9978

Achromatomaly

82.4437, 85.7420, 90.0465

CSS Examples

Text

The CSS property to change the color of the text to XYZ 84.0233, 85.4075, 84.0083 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(254, 234, 226) looks like.

```
.text, #text, p{  
    color:rgb(254, 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(254, 234, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 234, 226) }
```

Border

The CSS property to change the border of an element to XYZ 84.0233, 85.4075, 84.0083 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(254, 234, 226) }
```


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

```
.border{ border-color:rgb(254, 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(254, 234, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 234, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 234, 226);  
box-shadow:4px 4px 4px 4px rgb(254, 234,  
226) }
```

Background

The CSS property to change the background color of an element to XYZ 84.0233, 85.4075, 84.0083 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 234, 226) }
```

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

```
.background{ background-color: rgb(254,  
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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