

Converting Colors

XYZ(83.3181, 85.9169, 89.1855)

Have a look what the booklet for
XYZ(83.3181, 85.9169, 89.1855)
contains.

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Color

**XYZ(83.4148, 85.8306,
89.2613)**

Conversions

Conversions Part 1

Format	Color
Hex	F8ECE9
RGB	248, 236, 233
RGB Percent	97%, 93%, 91%
CMY	0.0274, 0.0745, 0.0863
CMYK	0.00, 0.05, 0.06, 0.03
HSL	12°, 52%, 94%
HSV	12°, 6%, 97%
XYZ	83.4148, 85.8306, 89.2613
YIQ	239.2460, 8.1150, 1.6110

Conversions

Conversions Part 2

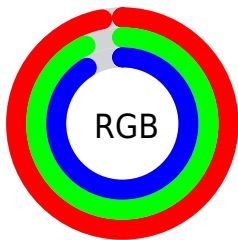
Format	Color
R _Y B	248, 237, 233
Decimal	16313577
CIE Lab	94.24, 3.54, 2.89
CIE LCh	94, 4.565, 39.218
Yxy	85.8306, 0.3227, 0.3320
Android (android.graphics.Color)	4294503657 (0xFFFF8ECE9)
YUV	239.2460, -3.0793, 7.6773
Hunter-Lab	92.6448, -1.4120, 7.7267

Details

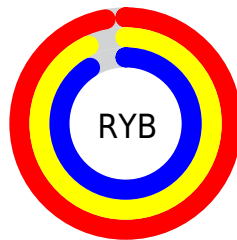
The XYZ color **83.4148, 85.8306, 89.2613** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **83.1997, 89.4041, 101.6795**, and the grayscale version is **82.2565, 86.5403, 94.2424**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **45.9953, 47.0233, 48.2472** is the 20% darker color. If you saturate the color by 10%, you get **74.7221, 73.7213, 70.0959**, and if you desaturate by 10%, it is **92.5218, 98.6967, 108.7817**.

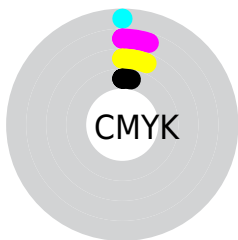
Distribution



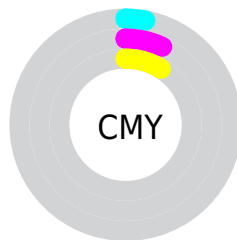
- Red (97%)
- Green (93%)
- Blue (91%)



- Red (97%)
- Yellow (93%)
- Blue (91%)



- Cyan (0%)
- Magenta (5%)
- Yellow (6%)
- Black (3%)




- Cyan (3%)
- Magenta (7%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 83.4148, 85.8306, 89.2613 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 83.4148, 85.8306, 89.2613 by changing the saturation by 10% instead.

 83.4148, 85.8306,
89.2613

 83.4148, 85.8306,
89.2613


494.9309,
514.3725, 546.1329

 62.8505, 64.5279,
66.7979


137.0818,
141.5331, 148.2384

 45.9784, 47.0784,
48.4598


170.9151,
176.7016, 185.5892

 32.4334, 33.0976,
33.8286


209.9022,
217.2609, 228.7395

 21.8499, 22.2012,
22.4857

254.4084,
263.5954, 278.1079

 13.8626, 14.0048,
14.0125

304.7990,
316.0894, 334.1129

 8.1062, 8.1240,
7.9905

361.4394,

 4.2154, 4.1744,

375.1273, 397.1730

4.0012

424.6949,
441.0935, 467.7069

■ 1.8247, 1.7716,
1.6260

■ 0.5325, 0.4694,
0.3093

■ 83.4148, 85.8306,
89.2613

■ 83.4148, 85.8306,
89.2613

■ 74.7221, 73.7213,
70.0959

■ 92.5218, 98.6967,
108.7817

■ 67.1178, 63.0261,
53.6469

■ 60.5604, 53.6964,
39.7923

■ 55.0032, 45.6767,
28.3991

■ 50.3955, 38.9075,
19.3221

■ 46.6824, 33.3249,
12.4008

■ 43.8028, 28.8589,
7.4541

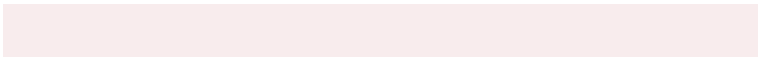
■ 41.6874, 25.4319,
4.2709

■ 40.2541, 22.9553,
2.5906

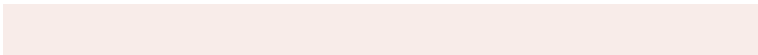
Harmonies

Analogous

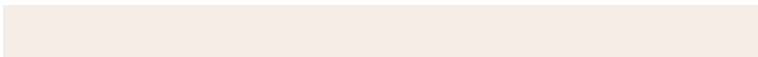
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



83.9226, 85.8306, 92.3803



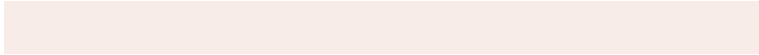
83.4148, 85.8306, 89.2613



82.4166, 85.8306, 87.2990

Triad

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



83.4148, 85.8306, 89.2613



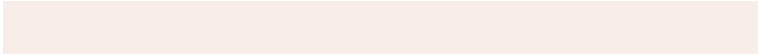
79.4006, 85.8306, 91.0858



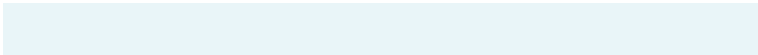
81.9567, 85.8306, 100.2612

Complementary

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



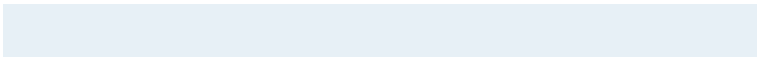
83.4148, 85.8306, 89.2613



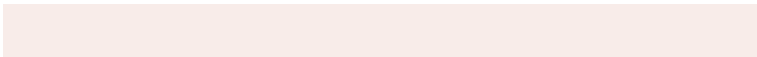
83.1997, 89.4041, 101.6795

Split Complementary

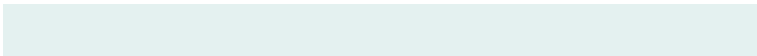
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



80.7479, 85.8306, 99.8936



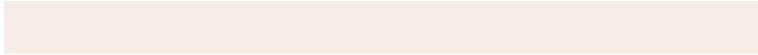
83.4148, 85.8306, 89.2613



79.2803, 85.8306, 94.5379

Square

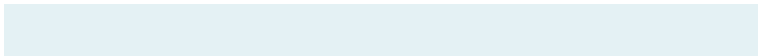
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



83.4148, 85.8306, 89.2613



80.1017, 85.8306, 88.3339



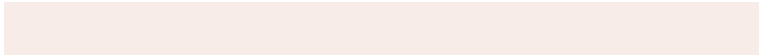
79.7711, 85.8306, 97.7779



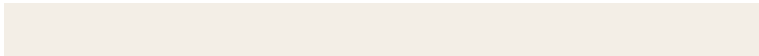
83.0752, 85.8306, 98.7701

Rectangle

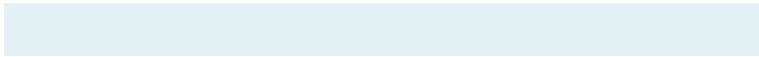
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



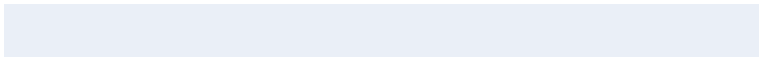
83.4148, 85.8306, 89.2613



81.6115, 85.8306, 86.8816



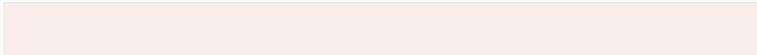
79.7711, 85.8306, 97.7779



81.5473, 85.8306, 100.3518

Sweetspot

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



83.4172, 85.8343, 89.2631



92.9523, 97.1012, 104.2036



84.3328, 84.8281, 98.3158



19.9176, 20.8141, 22.3530



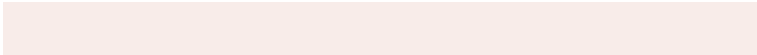
0.0000, 0.0000, 0.0000



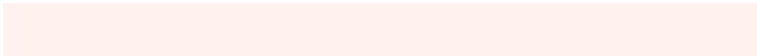
20.3446, 21.4041, 23.3091

Same Dimension

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



83.4172, 85.8343, 89.2631



87.9221, 90.1313, 92.9988



85.6208, 90.2416, 89.9977



17.8982, 18.3053, 18.7957



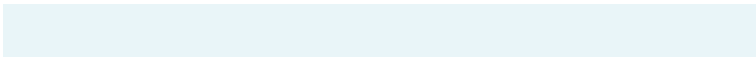
21.5986, 12.1538, 1.2075



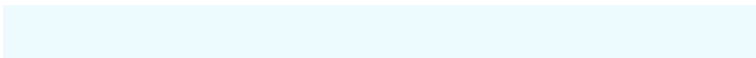
2.0714, 1.2677, 0.1355

Inverse Universe

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



83.1997, 89.4041, 101.6795



87.6551, 94.5103, 108.2301



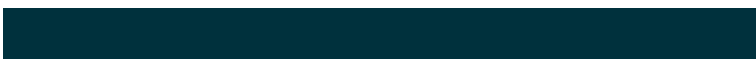
80.9778, 84.9605, 100.9389



17.8391, 19.2741, 22.1653



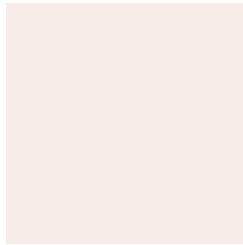
20.2038, 25.7631, 51.8815



1.9436, 2.5308, 4.8292

Previews

White Background



This preview shows how the XYZ color 83.4148, 85.8306, 89.2613 looks on a white background.

Color Contrast Check

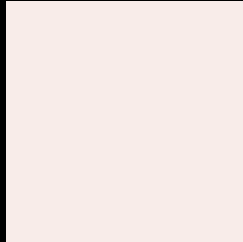
Large Text (above 18pt) WCAG AA × Fail

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 83.4148, 85.8306, 89.2613 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

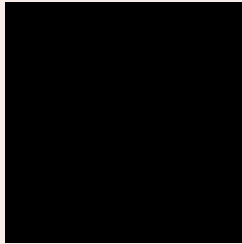
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

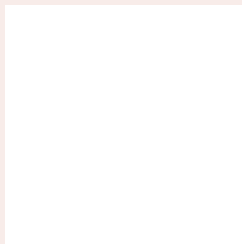
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 83.4148, 85.8306, 89.2613

Background



This preview shows how black text looks on a background with the XYZ color 83.4148, 85.8306, 89.2613.



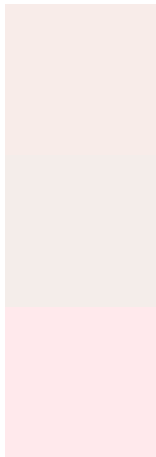
This preview shows how white text looks on a background with the XYZ color 83.4148, 85.8306,

89.2613.

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

83.4148, 85.8306, 89.2613

Protanopia

82.4437, 85.7420, 90.0465

Deuteranopia

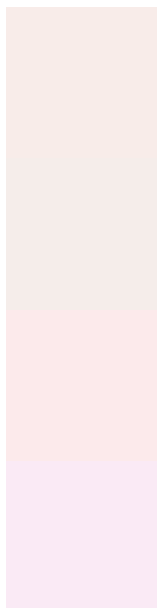
85.5192, 85.5940, 91.3708



Tritanopia

86.4933, 85.8153, 104.1008

Trichromacy



Original Color

83.4148, 85.8306, 89.2613

Protanomaly

82.7917, 85.9214, 90.0628

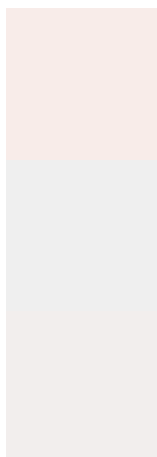
Deuteranomaly

84.5631, 85.5392, 90.6510

Tritanomaly

85.3286, 85.7622, 98.4427

Monochromacy



Original Color

83.4148, 85.8306, 89.2613

Achromatopsia

82.0431, 86.3157, 93.9978

Achromatomaly

82.4785, 86.1407, 92.4005

CSS Examples

Text

The CSS property to change the color of the text to XYZ 83.4148, 85.8306, 89.2613 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(248, 236, 233) looks like.

```
.text, #text, p{  
    color:rgb(248, 236, 233)  
}
```

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(248, 236, 233) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 236, 233) }
```

Border

The CSS property to change the border of an element to XYZ 83.4148, 85.8306, 89.2613 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(248, 236, 233) }
```


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

```
.border{ border-color:rgb(248, 236, 233) }
```

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

Here you see how a box with a 4 pixel `rgb(248, 236, 233)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 236, 233); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 236, 233);  
box-shadow:4px 4px 4px 4px rgb(248, 236,  
233) }
```

Background

The CSS property to change the background color of an element to XYZ 83.4148, 85.8306, 89.2613 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 236, 233) }
```

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

```
.background{ background-color: rgb(248,  
236, 233) }
```

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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