

Converting Colors

XYZ(82.5382, 85.4834, 90.1881)

Have a look what the booklet for
XYZ(82.5382, 85.4834, 90.1881)
contains.

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Color

**XYZ(82.5029, 85.3439,
89.9666)**

Conversions

Conversions Part 1

Format	Color
Hex	F5ECEA
RGB	245, 236, 234
RGB Percent	96%, 93%, 92%
CMY	0.0392, 0.0745, 0.0823
CMYK	0.00, 0.04, 0.04, 0.04
HSL	11°, 35%, 94%
HSV	11°, 4%, 96%
XYZ	82.5029, 85.3439, 89.9666
YIQ	238.4630, 6.0060, 1.2860

Conversions

Conversions Part 2

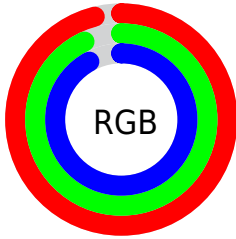
Format	Color
R _Y B	245, 236, 234
Decimal	16116970
CIE Lab	94.03, 2.69, 2.03
CIE LCh	94, 3.370, 37.147
Yxy	85.3439, 0.3200, 0.3310
Android (android.graphics.Color)	4294307050 (0xFFFF5ECEA)
YUV	238.4630, -2.2003, 5.7329
Hunter-Lab	92.3818, -2.2560, 6.9273

Details

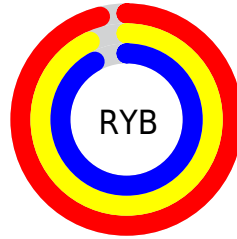
The XYZ color **82.5029, 85.3439, 89.9666** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **82.4636, 88.1848, 99.0623**, and the grayscale version is **81.6421, 85.8939, 93.5384**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **45.3434, 46.6757, 48.7389** is the 20% darker color. If you saturate the color by 10%, you get **73.7756, 73.1373, 70.8762**, and if you desaturate by 10%, it is **91.4666, 98.1527, 108.7323**.

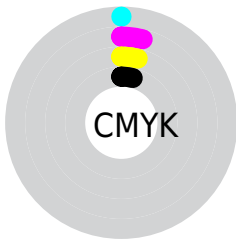
Distribution



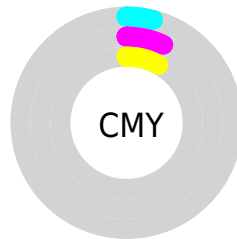
- Red (96%)
- Green (93%)
- Blue (92%)



- Red (96%)
- Yellow (93%)
- Blue (92%)



- Cyan (0%)
- Magenta (4%)
- Yellow (4%)
- Black (4%)





- Cyan (4%)
- Magenta (7%)
- Yellow (8%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 82.5029, 85.3439, 89.9666 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 82.5029, 85.3439, 89.9666 by changing the saturation by 10% instead.


 82.5029, 85.3439,
89.9666

 82.5029, 85.3439,
89.9666


491.9373,
512.7653, 548.4895

 62.0957, 64.1256,
67.3794

135.8112,
140.8536, 149.2271

 45.3659, 46.7524,
48.9295


169.4429,
175.9137, 186.7375

 31.9482, 32.8400,
34.1983


208.2135,
216.3565, 230.0593

 21.4773, 22.0039,
22.7674

252.4884,
262.5665, 279.6112

 13.5878, 13.8597,
14.2182

302.6329,
314.9279, 335.8116

 7.9143, 8.0232,
8.1321

359.0123,

 4.0915, 4.1098,

373.8253, 399.0791

4.0906

421.9920,
439.6430, 469.8322

■ 1.7540, 1.7352,
1.6752

■ 0.4897, 0.4463,
0.3436

■ 82.5029, 85.3439,
89.9666

■ 82.5029, 85.3439,
89.9666

■ 73.7756, 73.1373,
70.8762

■ 91.4666, 98.1527,
108.7323

■ 66.1387, 62.3655,
54.4516

■ 59.5510, 52.9789,
40.5754

■ 53.9659, 44.9208,
29.1193

■ 49.3331, 38.1307,
19.9438

■ 45.5981, 32.5431,
12.8952

■ 42.7003, 28.0868,
7.8006

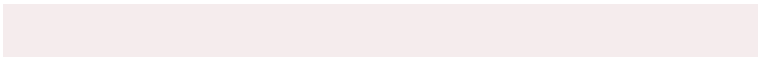
■ 40.5715, 24.6826,
4.4597

■ 39.1313, 22.2406,
2.6283

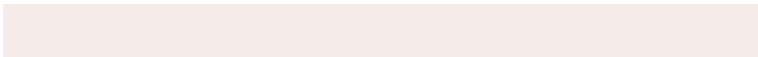
Harmonies

Analogous

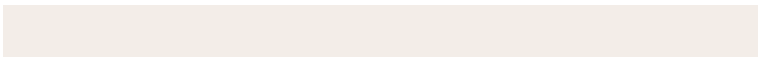
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



82.8446, 85.3439, 92.3103



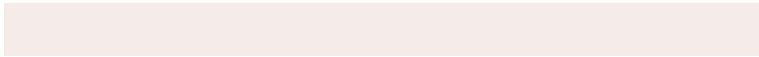
82.5029, 85.3439, 89.9666



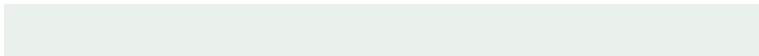
81.7902, 85.3439, 88.4359

Triad

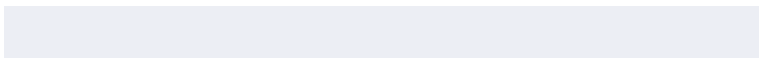
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



82.5029, 85.3439, 89.9666



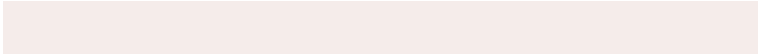
79.5338, 85.3439, 91.0150



81.3321, 85.3439, 97.9257

Complementary

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



82.5029, 85.3439, 89.9666



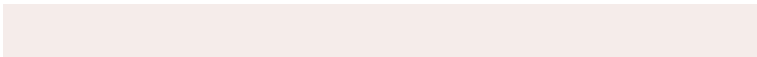
82.4636, 88.1848, 99.0623

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.



80.4471, 85.3439, 97.5635



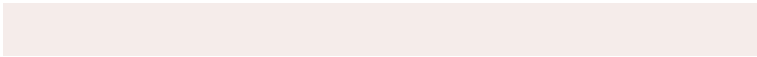
82.5029, 85.3439, 89.9666



79.4132, 85.3439, 93.5425

Square

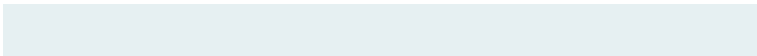
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



82.5029, 85.3439, 89.9666



80.0771, 85.3439, 89.0334



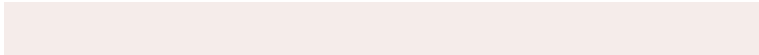
79.7463, 85.3439, 95.9476



82.1655, 85.3439, 96.9284

Rectangle

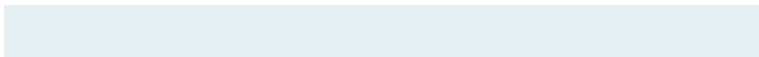
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



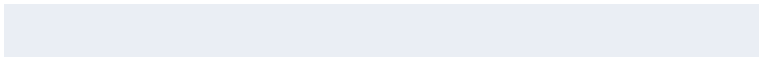
82.5029, 85.3439, 89.9666



81.2029, 85.3439, 88.0663



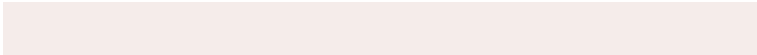
79.7463, 85.3439, 95.9476



81.0308, 85.3439, 97.9592

Sweetspot

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



82.5053, 85.3476, 89.9684



93.9804, 98.5135, 106.5315



83.2830, 84.7405, 96.8942



20.1270, 21.1016, 22.8271



0.0000, 0.0000, 0.0000



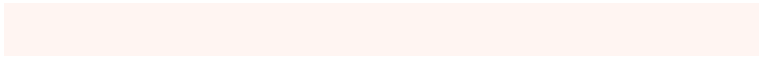
20.3446, 21.4041, 23.3091

Same Dimension

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



82.5053, 85.3476, 89.9684



89.8280, 92.7326, 97.3661



84.0626, 88.4623, 90.4876



17.4715, 17.9878, 18.7877



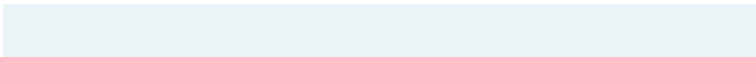
20.8558, 11.5972, 1.1393



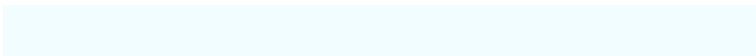
1.8991, 1.1514, 0.1221

Inverse Universe

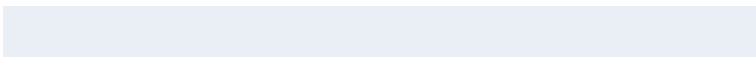
The Inverse Universe completely reimagines the original color for something new.



82.4636, 88.1848, 99.0623



89.7772, 96.1882, 108.4422



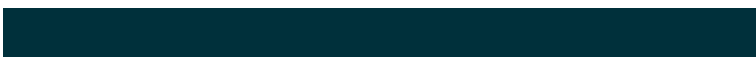
80.8919, 85.0414, 98.5384



17.4602, 18.7535, 21.2421



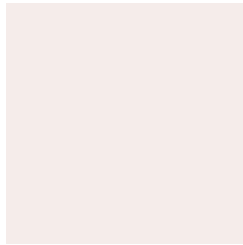
20.1449, 26.0836, 50.5109



1.8358, 2.4231, 4.4612

Previews

White Background



This preview shows how the XYZ color 82.5029, 85.3439, 89.9666 looks on a white background.

Color Contrast Check

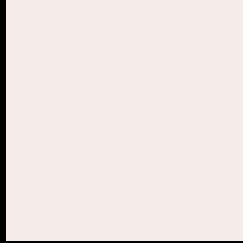
Large Text (above 18pt) WCAG AA × Fail

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 82.5029, 85.3439, 89.9666 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

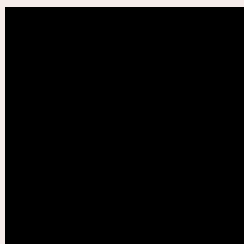
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

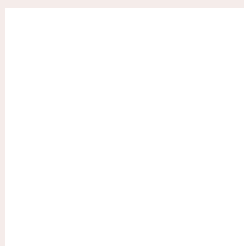
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 82.5029, 85.3439, 89.9666

Background



This preview shows how black text looks on a background with the XYZ color 82.5029, 85.3439, 89.9666.



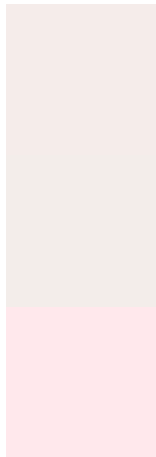
This preview shows how white text looks on a background with the XYZ color 82.5029, 85.3439,

89.9666.

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

82.5029, 85.3439, 89.9666

Protanopia

82.0976, 85.5636, 90.0303

Deuteranopia

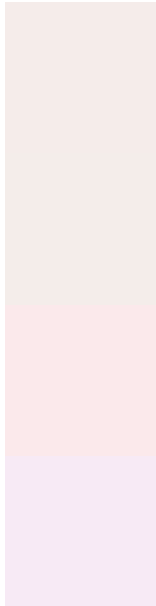
85.2369, 85.0294, 91.2767



Tritanopia

85.4210, 85.2626, 104.0506

Trichromacy



Original Color

82.5029, 85.3439, 89.9666

Protanomaly

82.4437, 85.7420, 90.0465

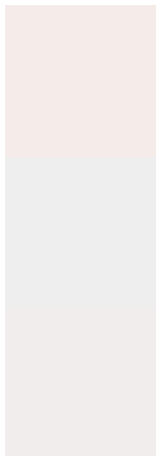
Deuteranomaly

83.9180, 84.7852, 90.5395

Tritanomaly

84.2620, 85.2124, 98.3927

Monochromacy



Original Color

82.5029, 85.3439, 89.9666

Achromatopsia

81.2670, 85.4993, 93.1087

Achromatomaly

81.8459, 85.3836, 92.2877

CSS Examples

Text

The CSS property to change the color of the text to XYZ 82.5029, 85.3439, 89.9666 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(245, 236, 234) looks like.

```
.text, #text, p{  
    color:rgb(245, 236, 234)  
}
```

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(245, 236, 234) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 236, 234) }
```

Border

The CSS property to change the border of an element to XYZ 82.5029, 85.3439, 89.9666 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(245, 236, 234) }
```


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

```
.border{ border-color:rgb(245, 236, 234) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 236, 234)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 236, 234); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 236, 234);  
box-shadow:4px 4px 4px 4px rgb(245, 236,  
234) }
```

Background

The CSS property to change the background color of an element to XYZ 82.5029, 85.3439, 89.9666 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 236, 234) }
```

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

```
.background{ background-color: rgb(245,  
236, 234) }
```

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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