

Converting Colors

XYZ(85.2493, 89.3326, 85.7666)

Have a look what the booklet for
XYZ(85.2493, 89.3326, 85.7666)
contains.

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Color

**XYZ(85.4009, 89.5595,
85.4587)**

Conversions

Conversions Part 1

Format	Color
Hex	FBF2E3
RGB	251, 242, 227
RGB Percent	98%, 95%, 89%
CMY	0.0157, 0.0510, 0.1098
CMYK	0.00, 0.04, 0.10, 0.02
HSL	38°, 75%, 94%
HSV	38°, 10%, 98%
XYZ	85.4009, 89.5595, 85.4587
YIQ	242.9810, 10.1790, -2.7570

Conversions

Conversions Part 2

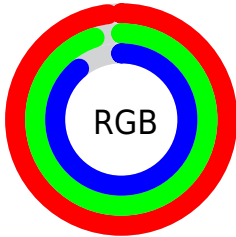
Format	Color
R _Y B	241, 251, 227
Decimal	16511715
CIE Lab	95.81, 0.52, 8.30
CIE LCh	96, 8.313, 86.395
Yxy	89.5595, 0.3279, 0.3439
Android (android.graphics.Color)	4294701795 (0xFFFBF2E3)
YUV	242.9810, -7.8786, 7.0327
Hunter-Lab	94.6359, -4.5316, 12.7047

Details

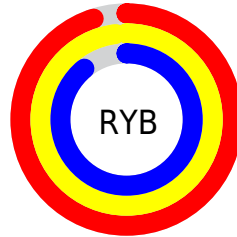
The XYZ color **85.4009, 89.5595, 85.4587** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **79.0865, 83.2854, 103.1751**, and the grayscale version is **85.2334, 89.6722, 97.6530**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **47.2534, 49.5657, 46.1063** is the 20% darker color. If you saturate the color by 10%, you get **79.4584, 82.8197, 67.6140**, and if you desaturate by 10%, it is **91.9975, 96.7973, 106.0152**.

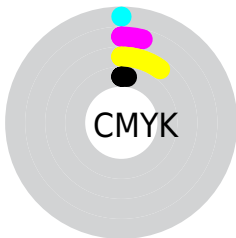
Distribution



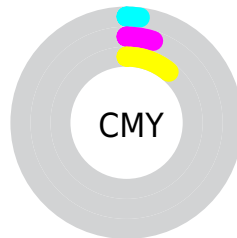
- Red (98%)
- Green (95%)
- Blue (89%)



- Red (95%)
- Yellow (98%)
- Blue (89%)



- Cyan (0%)
- Magenta (4%)
- Yellow (10%)
- Black (2%)



- Cyan (2%)
- Magenta (5%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 85.4009, 89.5595, 85.4587 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 85.4009, 89.5595, 85.4587 by changing the saturation by 10% instead.

85.4009, 89.5595,
85.4587

85.4009, 89.5595,
85.4587

501.4174,
526.5969, 533.3288

64.4963, 67.6154,
63.6681

139.8443,
146.7264, 142.8937

47.3159, 49.5849,
45.9375

174.1138,
182.7179, 179.3753

33.4945, 35.0837,
31.8482

213.5690,
224.1606, 221.5909

22.6666, 23.7273,
20.9817

258.5752,
271.4390, 269.9591

14.4668, 15.1315,
12.9195

309.4978,
324.9375, 324.8984

8.5299, 8.9117,
7.2431

366.7021,

4.4905, 4.6836,

385.0403, 386.8275

3.5338

430.5535,
452.1320, 456.1647

■ 1.9832, 2.0629,
1.3733

■ 0.6245, 0.6436,
0.1207

■ 85.4009, 89.5595,
85.4587

■ 85.4009, 89.5595,
85.4587

■ 79.4584, 82.8197,
67.6140

■ 91.9975, 96.7973,
106.0152

■ 74.1387, 76.5531,
52.3601

■ 93.5941, 99.2494,
108.8319

■ 69.4188, 70.7500,
39.5751

■ 65.2710, 65.3957,
29.1252

■ 61.6655, 60.4745,
20.8637

■ 58.5689, 55.9694,
14.6271

■ 55.9434, 51.8615,
10.2286

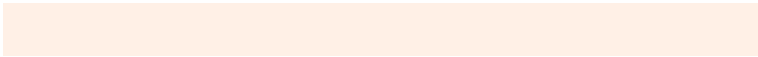
■ 53.7447, 48.1288,
7.4462

■ 51.9041, 44.7399,
5.9316

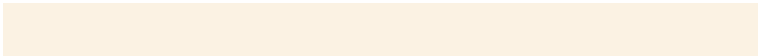
Harmonies

Analogous

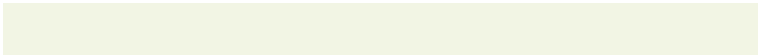
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



87.5850, 89.5595, 87.3809



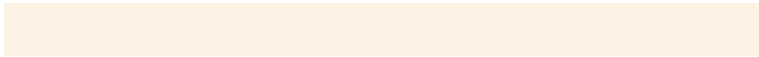
85.4009, 89.5595, 85.4587



83.1804, 89.5595, 86.6457

Triad

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



85.4009, 89.5595, 85.4587



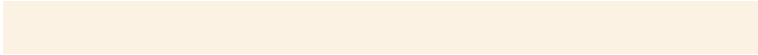
81.2385, 89.5595, 103.2315



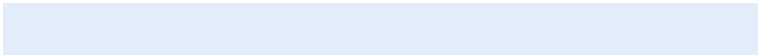
88.8453, 89.5595, 104.6653

Complementary

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



85.4009, 89.5595, 85.4587



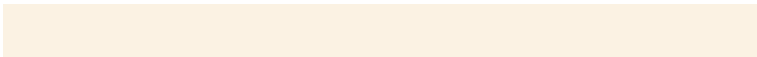
79.0865, 83.2854, 103.1751

Split Complementary

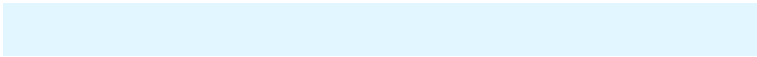
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



87.0969, 89.5595, 109.2575



85.4009, 89.5595, 85.4587



82.7088, 89.5595, 108.4040

Square

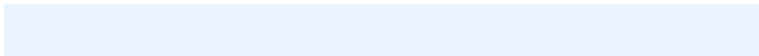
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



85.4009, 89.5595, 85.4587



80.8026, 89.5595, 96.7240



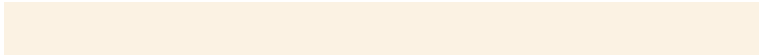
84.8469, 89.5595, 110.6552



89.5960, 89.5595, 98.3105

Rectangle

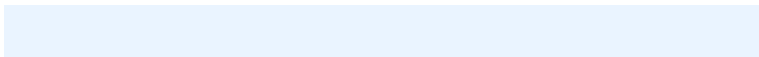
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



85.4009, 89.5595, 85.4587



81.9736, 89.5595, 89.0706



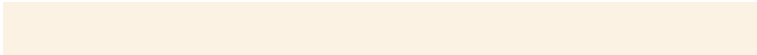
84.8469, 89.5595, 110.6552



88.3533, 89.5595, 106.4771

Sweetspot

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



85.4034, 89.5634, 85.4606



92.9347, 97.7012, 102.2392



82.4233, 81.5165, 90.9006



19.7731, 20.7823, 21.5118



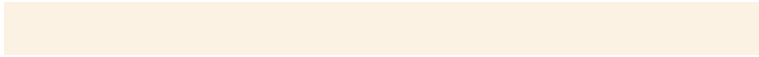
0.0000, 0.0000, 0.0000



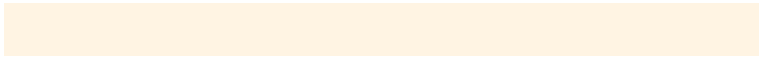
20.3446, 21.4041, 23.3091

Same Dimension

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



85.4034, 89.5634, 85.4606



87.5955, 91.7979, 85.7389



87.1457, 94.5345, 86.3283



18.1488, 19.0334, 18.1797



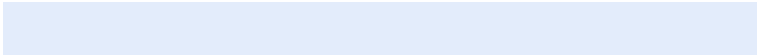
27.3873, 23.7312, 3.1371



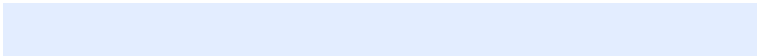
2.6383, 2.4015, 0.3245

Inverse Universe

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



79.0865, 83.2854, 103.1751



80.1313, 84.3798, 106.6713



77.4519, 78.6945, 102.3751



16.8160, 17.7089, 21.9171



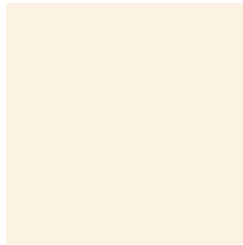
11.3886, 8.1328, 48.9431



1.1529, 0.9494, 4.5657

Previews

White Background



This preview shows how the XYZ color 85.4009, 89.5595, 85.4587 looks on a white background.

Color Contrast Check

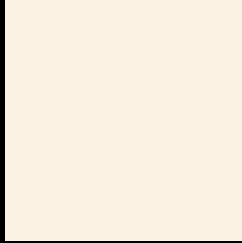
Large Text (above 18pt) WCAG AA × Fail

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 85.4009, 89.5595, 85.4587 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

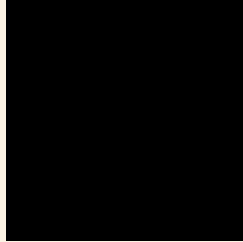
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 85.4009, 89.5595, 85.4587

Background



This preview shows how black text looks on a background with the XYZ color 85.4009, 89.5595, 85.4587.



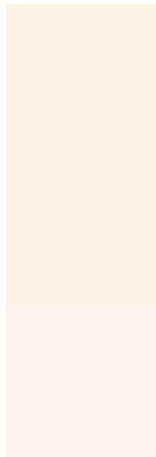
This preview shows how white text looks on a background with the XYZ color 85.4009, 89.5595,

85.4587.

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

85.4009, 89.5595, 85.4587

Protanopia

85.4009, 89.5595, 85.4587

Deuteranopia

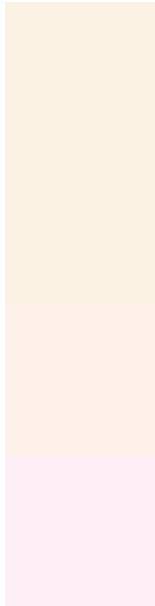
87.6862, 89.6946, 92.8120



Tritanopia

89.4976, 89.4399, 107.1543

Trichromacy



Original Color

85.4009, 89.5595, 85.4587

Protanomaly

85.4009, 89.5595, 85.4587

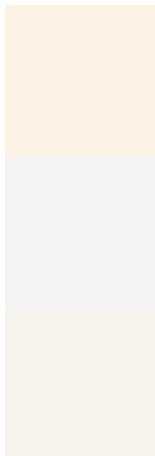
Deuteranomaly

87.0363, 89.8646, 89.8491

Tritanomaly

87.8559, 89.2082, 98.9746

Monochromacy



Original Color

85.4009, 89.5595, 85.4587

Achromatopsia

85.1904, 89.6269, 97.6037

Achromatomaly

85.3427, 89.8084, 92.9575

CSS Examples

Text

The CSS property to change the color of the text to XYZ 85.4009, 89.5595, 85.4587 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(251, 242, 227)` looks like.

```
.text, #text, p{  
    color:rgb(251, 242, 227)  
}
```

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(251, 242, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 242, 227) }
```

Border

The CSS property to change the border of an element to XYZ 85.4009, 89.5595, 85.4587 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(251, 242, 227) }
```


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

```
.border{ border-color:rgb(251, 242, 227) }
```

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

Here you see how a box with a 4 pixel `rgb(251, 242, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 242, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 242, 227);  
box-shadow:4px 4px 4px 4px rgb(251, 242,  
227) }
```

Background

The CSS property to change the background color of an element to XYZ 85.4009, 89.5595, 85.4587 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 242, 227) }
```

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

```
.background{ background-color: rgb(251,  
242, 227) }
```

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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