

Converting Colors

XYZ(85.1862, 89.2621, 84.9806)

Have a look what the booklet for
XYZ(85.1862, 89.2621, 84.9806)
contains.

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Color

**XYZ(85.2633, 89.5045,
84.7337)**

Conversions

Conversions Part 1

Format	Color
Hex	FBF2E2
RGB	251, 242, 226
RGB Percent	98%, 95%, 89%
CMY	0.0157, 0.0510, 0.1137
CMYK	0.00, 0.04, 0.10, 0.02
HSL	38°, 76%, 94%
HSV	38°, 10%, 98%
XYZ	85.2633, 89.5045, 84.7337
YIQ	242.8670, 10.5000, -3.0680

Conversions

Conversions Part 2

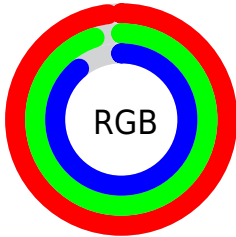
Format	Color
R_{YB}	240, 251, 226
Decimal	16511714
CIE Lab	95.79, 0.36, 8.78
CIE LCh	96, 8.788, 87.638
Yxy	89.5045, 0.3286, 0.3449
Android (android.graphics.Color)	4294701794 (0xFFFBF2E2)
YUV	242.8670, -8.3154, 7.1326
Hunter-Lab	94.6068, -4.6909, 13.1222

Details

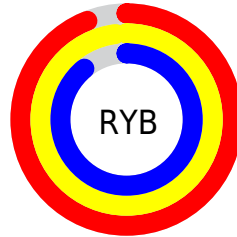
The XYZ color **85.2633, 89.5045, 84.7337** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **78.4848, 82.5490, 103.0648**, and the grayscale version is **85.1460, 89.5802, 97.5528**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **47.1577, 49.5274, 45.6023** is the 20% darker color. If you saturate the color by 10%, you get **79.4469, 82.9854, 67.0282**, and if you desaturate by 10%, it is **91.7216, 96.4987, 105.1429**.

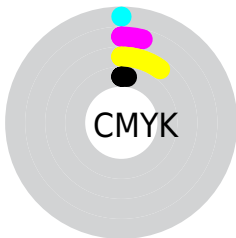
Distribution



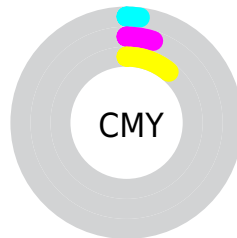
- Red (98%)
- Green (95%)
- Blue (89%)



- Red (94%)
- 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 85.2633, 89.5045, 84.7337 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 85.2633, 89.5045, 84.7337 by changing the saturation by 10% instead.


 85.2633, 89.5045,
84.7337

 85.2633, 89.5045,
84.7337


500.9695,
526.4177, 530.8681

 64.3822, 67.5698,
63.0725

139.6531,
146.6499, 141.8719

 47.2231, 49.5478,
45.4585


173.8925,
182.6294, 178.1860

 33.4208, 35.0542,
31.4731

213.3154,
224.0592, 220.2214

 22.6097, 23.7046,
20.6979

258.2871,
271.3238, 268.3968

 14.4247, 15.1147,
12.7143

309.1731,
324.8076, 323.1306

 8.5003, 8.8999,
7.1037

366.3385,

 4.4712, 4.6759,

384.8949, 384.8414

3.4476

430.1489,
451.9701, 453.9477

■ 1.9720, 2.0584,
1.3275

■ 0.6182, 0.6411,
0.0841

■ 85.2633, 89.5045,
84.7337

■ 85.2633, 89.5045,
84.7337

■ 79.4469, 82.9854,
67.0282

■ 91.7216, 96.4987,
105.1429

■ 74.2414, 76.9171,
51.9049

■ 93.5941, 99.2495,
108.8319

■ 69.6238, 71.2902,
39.2420

■ 65.5669, 66.0907,
28.9051

■ 62.0407, 61.3034,
20.7470

■ 59.0122, 56.9117,
14.6036

■ 56.4437, 52.8971,
10.2870

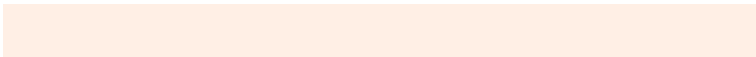
■ 54.2906, 49.2383,
7.5736

■ 52.4813, 45.9030,
6.0970

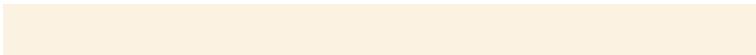
Harmonies

Analogous

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



87.5872, 89.5045, 86.6233



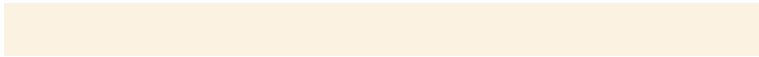
85.2633, 89.5045, 84.7337



82.9304, 89.5045, 86.1165

Triad

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



85.2633, 89.5045, 84.7337



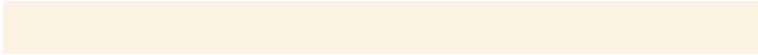
81.0141, 89.5045, 103.7707



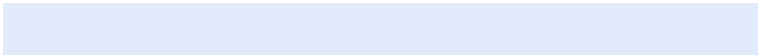
89.0639, 89.5045, 104.7660

Complementary

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



85.2633, 89.5045, 84.7337



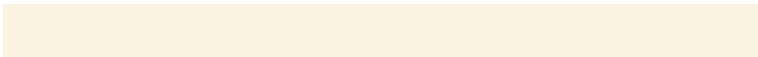
78.4848, 82.5490, 103.0648

Split Complementary

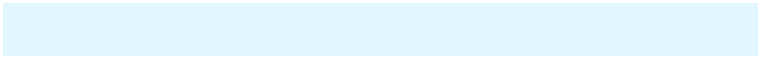
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



87.2489, 89.5045, 109.7479



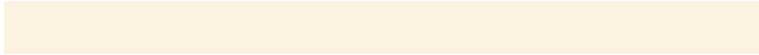
85.2633, 89.5045, 84.7337



82.6042, 89.5045, 109.1544

Square

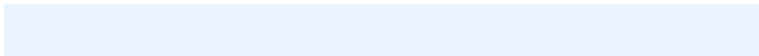
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



85.2633, 89.5045, 84.7337



80.5050, 89.5045, 96.9069



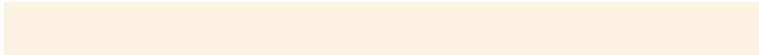
84.8797, 89.5045, 111.3902



89.8072, 89.5045, 98.0056

Rectangle

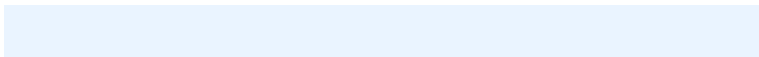
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



85.2633, 89.5045, 84.7337



81.6782, 89.5045, 88.7462



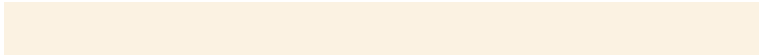
84.8797, 89.5045, 111.3902



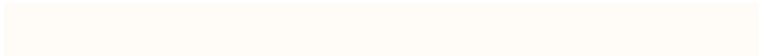
88.5572, 89.5045, 106.7161

Sweetspot

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



85.2658, 89.5084, 84.7356



92.9707, 97.7733, 102.2512



82.0007, 80.9110, 90.0202



19.7828, 20.8018, 21.5150



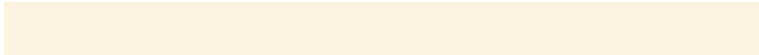
0.0000, 0.0000, 0.0000



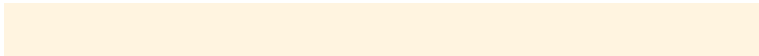
20.3446, 21.4041, 23.3091

Same Dimension

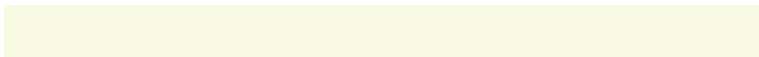
The Same Dimension uses a secret algorithm to generate beautiful new colors.



85.2658, 89.5084, 84.7356



87.0965, 91.3587, 83.8493



86.8190, 94.3820, 85.5945



18.1714, 19.0787, 18.1872



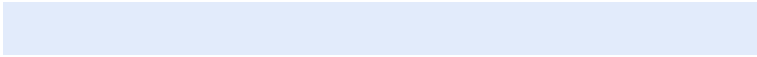
27.7254, 24.4075, 3.2498



2.6682, 2.4613, 0.3344

Inverse Universe

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



78.4848, 82.5490, 103.0648



78.7405, 82.7832, 106.4364



77.0297, 78.0719, 102.2773



16.7942, 17.6652, 21.9099



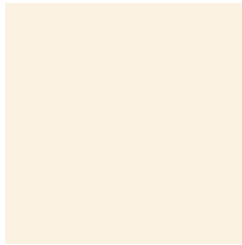
11.2137, 7.7829, 48.8848



1.1350, 0.9137, 4.5597

Previews

White Background



This preview shows how the XYZ color 85.2633, 89.5045, 84.7337 looks on a white background.

Color Contrast Check

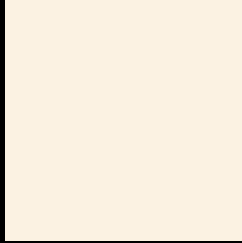
Large Text (above 18pt) WCAG AA × Fail

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 85.2633, 89.5045, 84.7337 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

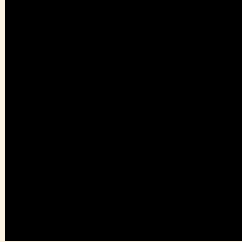
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 85.2633, 89.5045, 84.7337

Background



This preview shows how black text looks on a background with the XYZ color 85.2633, 89.5045, 84.7337.



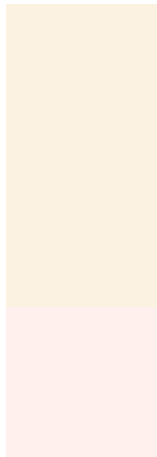
This preview shows how white text looks on a background with the XYZ color 85.2633, 89.5045,

84.7337.

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

85.2633, 89.5045, 84.7337

Protanopia

85.2633, 89.5045, 84.7337

Deuteranopia

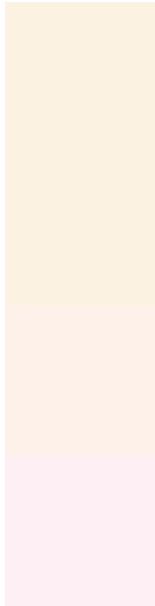
87.6862, 89.6946, 92.8120



Tritanopia

89.4976, 89.4399, 107.1543

Trichromacy



Original Color

85.2633, 89.5045, 84.7337

Protanomaly

85.2633, 89.5045, 84.7337

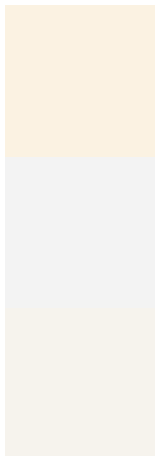
Deuteranomaly

87.0363, 89.8646, 89.8491

Tritanomaly

87.7036, 89.1473, 98.1726

Monochromacy



Original Color

85.2633, 89.5045, 84.7337

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 85.2633, 89.5045, 84.7337 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, 226) looks like.

```
.text, #text, p{  
    color:rgb(251, 242, 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(251, 242, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 242, 226) }
```

Border

The CSS property to change the border of an element to XYZ 85.2633, 89.5045, 84.7337 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, 226) }
```


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

```
.border{ border-color:rgb(251, 242, 226) }
```

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, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 242, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 242, 226);  
box-shadow:4px 4px 4px 4px rgb(251, 242,  
226) }
```

Background

The CSS property to change the background color of an element to XYZ 85.2633, 89.5045, 84.7337 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, 226) }
```

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

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