

Converting Colors

XYZ(83.8817, 85.8703, 84.6025)

Have a look what the booklet for
XYZ(83.8817, 85.8703, 84.6025)
contains.

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Color

**XYZ(83.7183, 85.6582,
84.7943)**

Conversions

Conversions Part 1

Format	Color
Hex	FCEBE3
RGB	252, 235, 227
RGB Percent	99%, 92%, 89%
CMY	0.0118, 0.0784, 0.1098
CMYK	0.00, 0.07, 0.10, 0.01
HSL	19°, 81%, 94%
HSV	19°, 10%, 99%
XYZ	83.7183, 85.6582, 84.7943
YIQ	239.1710, 12.7000, 1.1160

Conversions

Conversions Part 2

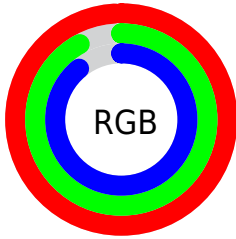
Format	Color
R _Y B	252, 239, 227
Decimal	16575459
CIE Lab	94.17, 4.44, 5.94
CIE LCh	94, 7.409, 53.230
Yxy	85.6582, 0.3294, 0.3370
Android (android.graphics.Color)	4294765539 (0xFFFCBE3)
YUV	239.1710, -6.0003, 11.2510
Hunter-Lab	92.5517, -0.5021, 10.4657

Details

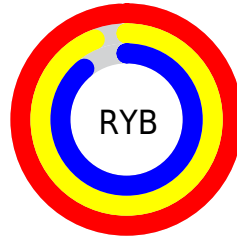
The XYZ color **83.7183, 85.6582, 84.7943** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **81.5995, 88.0587, 104.7925**, and the grayscale version is **82.2176, 86.4993, 94.1978**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **46.0722, 46.8209, 45.6388** is the 20% darker color. If you saturate the color by 10%, you get **75.8214, 75.0285, 66.2398**, and if you desaturate by 10%, it is **92.6015, 97.4439, 106.1911**.

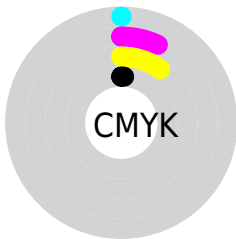
Distribution



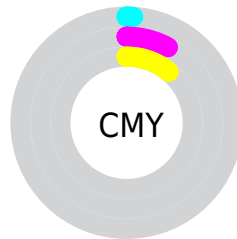
- Red (99%)
- Green (92%)
- Blue (89%)



- Red (99%)
- Yellow (94%)
- Blue (89%)



- Cyan (0%)
- Magenta (7%)
- Yellow (10%)
- Black (1%)



- Cyan (1%)
- Magenta (8%)
- Yellow (11%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 83.7183, 85.6582, 84.7943 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 83.7183, 85.6582, 84.7943 by changing the saturation by 10% instead.


 83.7183, 85.6582,
84.7943

 83.7183, 85.6582,
84.7943


495.9251,
513.8035, 531.0740

 63.1018, 64.3854,
63.1223

137.5044,
141.2924, 141.9574

 46.1825, 46.9629,
45.4985


171.4046,
176.4226, 178.2855

 32.5951, 33.0063,
31.5044

210.4635,
216.9407, 220.3360

 21.9742, 22.1313,
20.7216

255.0464,
263.2311, 268.5275

 13.9544, 13.9534,
12.7314

305.5187,
315.6781, 323.2785

 8.1705, 8.0883,
7.1153

362.2457,

 4.2569, 4.1515,

374.6663, 385.0076

3.4548

425.5927,
440.5800, 454.1332

■ 1.8485, 1.7587,
1.3313

■ 0.5466, 0.4612,
0.0872

■ 83.7183, 85.6582,
84.7943

■ 83.7183, 85.6582,
84.7943

■ 75.8214, 75.0285,
66.2398

■ 92.6015, 97.4439,
106.1911

■ 68.8683, 65.5080,
50.4016

■ 93.9552, 99.4356,
108.8488

■ 62.8239, 57.0632,
37.1525

■ 57.6480, 49.6549,
26.3528

■ 53.2971, 43.2410,
17.8495

■ 49.7238, 37.7766,
11.4722

■ 46.8747, 33.2125,
7.0261

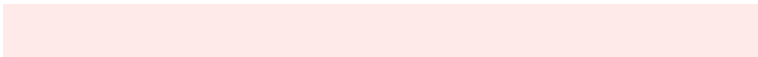
■ 44.6886, 29.4947,
4.2802

■ 43.0757, 26.5549,
2.8610

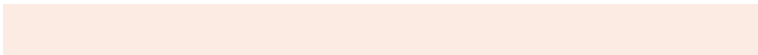
Harmonies

Analogous

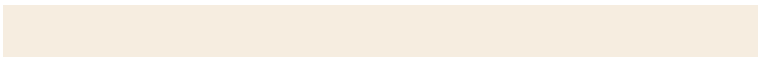
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



84.9682, 85.6582, 89.0281



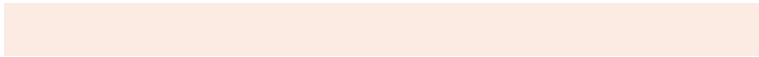
83.7183, 85.6582, 84.7943



81.8657, 85.6582, 82.8429

Triad

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



83.7183, 85.6582, 84.7943



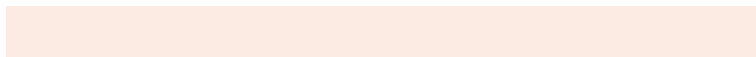
77.6893, 85.6582, 91.9864



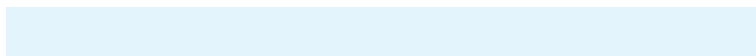
82.9280, 85.6582, 103.6610

Complementary

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



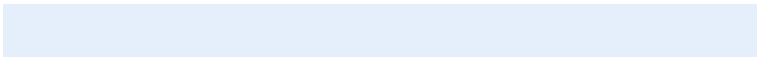
83.7183, 85.6582, 84.7943



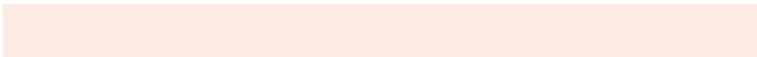
81.5995, 88.0587, 104.7925

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.



80.9671, 85.6582, 104.5313



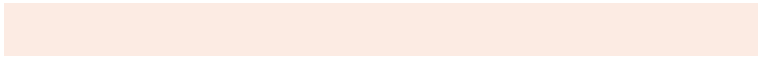
83.7183, 85.6582, 84.7943



77.9633, 85.6582, 97.6389

Square

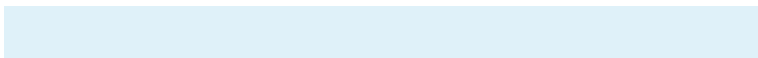
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



83.7183, 85.6582, 84.7943



78.4006, 85.6582, 86.8849



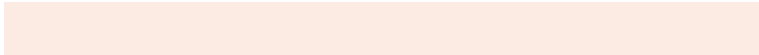
79.1554, 85.6582, 102.2866



84.5068, 85.6582, 99.9547

Rectangle

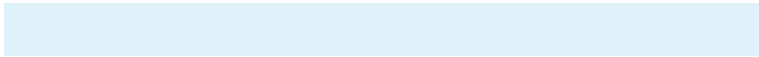
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



83.7183, 85.6582, 84.7943



80.5464, 85.6582, 83.0404



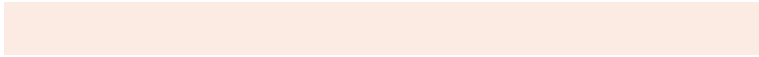
79.1554, 85.6582, 102.2866



82.2909, 85.6582, 104.3010

Sweetspot

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



83.7207, 85.6620, 84.7961



92.2059, 96.2437, 101.9962



83.9567, 82.1715, 97.0909



19.5765, 20.3892, 21.4463



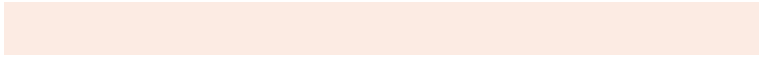
0.0000, 0.0000, 0.0000



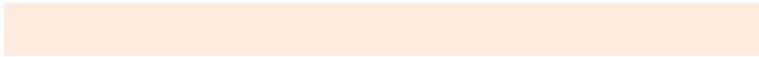
20.3446, 21.4041, 23.3091

Same Dimension

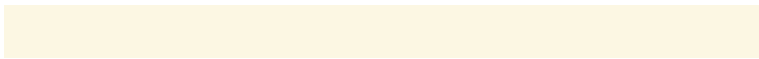
The Same Dimension uses a secret algorithm to generate beautiful new colors.



83.7207, 85.6620, 84.7961



84.2281, 85.6219, 82.8932



87.3992, 93.0190, 86.0223



17.6982, 18.1323, 18.0295



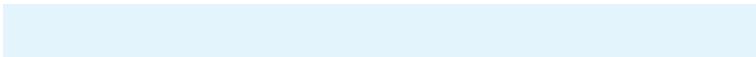
22.5499, 14.0564, 1.5246



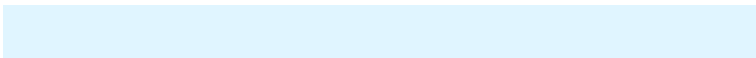
2.1799, 1.4846, 0.1717

Inverse Universe

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



81.5995, 88.0587, 104.7925



81.6282, 88.5585, 107.3990



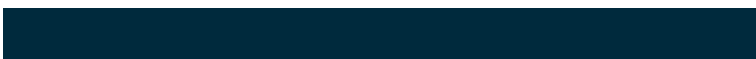
77.9898, 80.8393, 103.5892



17.2698, 18.6165, 22.0684



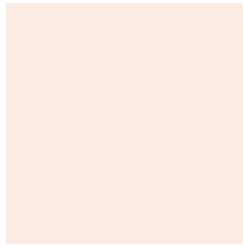
16.9085, 19.1726, 50.7831



1.6617, 1.9671, 4.7353

Previews

White Background



This preview shows how the XYZ color 83.7183, 85.6582, 84.7943 looks on a white background.

Color Contrast Check

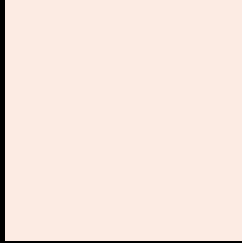
Large Text (above 18pt) WCAG AA × Fail

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 83.7183, 85.6582, 84.7943 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

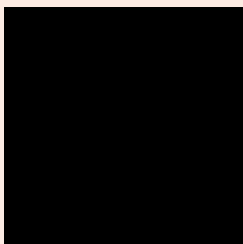
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

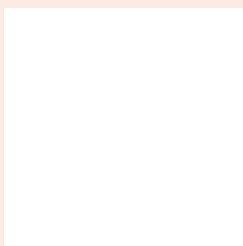
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 83.7183, 85.6582, 84.7943

Background



This preview shows how black text looks on a background with the XYZ color 83.7183, 85.6582, 84.7943.



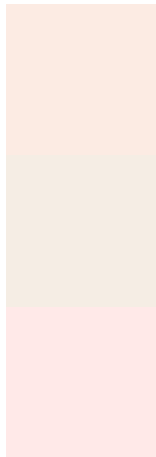
This preview shows how white text looks on a background with the XYZ color 83.7183, 85.6582,

84.7943.

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

83.7183, 85.6582, 84.7943

Protanopia

81.9440, 85.5823, 85.5989

Deuteranopia

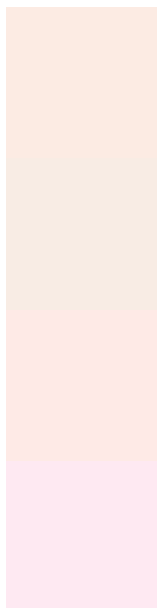
84.9444, 85.3640, 88.3438



Tritanopia

87.3519, 85.8754, 102.4141

Trichromacy



Original Color

83.7183, 85.6582, 84.7943

Protanomaly

82.7104, 85.5488, 85.5520

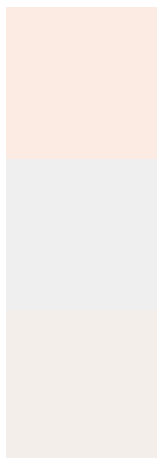
Deuteranomaly

84.5788, 85.6296, 86.9333

Tritanomaly

86.0390, 85.7595, 96.0229

Monochromacy



Original Color

83.7183, 85.6582, 84.7943

Achromatopsia

82.0431, 86.3157, 93.9978

Achromatomaly

82.8782, 86.3803, 90.9022

CSS Examples

Text

The CSS property to change the color of the text to XYZ 83.7183, 85.6582, 84.7943 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(252, 235, 227) looks like.

```
.text, #text, p{  
    color:rgb(252, 235, 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(252, 235, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 235, 227) }
```

Border

The CSS property to change the border of an element to XYZ 83.7183, 85.6582, 84.7943 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(252, 235, 227) }
```


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

```
.border{ border-color:rgb(252, 235, 227) }
```

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

Here you see how a box with a 4 pixel `rgb(252, 235, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 235, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 235, 227);  
box-shadow:4px 4px 4px 4px rgb(252, 235,  
227) }
```

Background

The CSS property to change the background color of an element to XYZ 83.7183, 85.6582, 84.7943 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 235, 227) }
```

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

```
.background{ background-color: rgb(252,  
235, 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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