

Converting Colors

XYZ(85.5014, 87.3989, 87.9285)

Have a look what the booklet for
XYZ(85.5014, 87.3989, 87.9285)
contains.

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Color

**XYZ(85.5810, 87.4087,
87.9623)**

Conversions

Conversions Part 1

Format	Color
Hex	FEED E7
RGB	254, 237, 231
RGB Percent	100%, 93%, 91%
CMY	0.0039, 0.0706, 0.0941
CMYK	0.00, 0.07, 0.09, 0.00
HSL	16°, 92%, 95%
HSV	16°, 9%, 100%
XYZ	85.5810, 87.4087, 87.9623
YIQ	241.3990, 12.0580, 1.7380

Conversions

Conversions Part 2

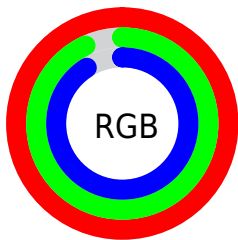
Format	Color
RYB	254, 239, 231
Decimal	16707047
CIELab	94.91, 4.75, 4.96
CIELCh	95, 6.866, 46.214
Yxy	87.4087, 0.3280, 0.3350
Android (android.graphics.Color)	4294897127 (0xFFFEDE7)
YUV	241.3990, -5.1267, 11.0511
Hunter-Lab	93.4926, -0.2173, 9.6620

Details

The XYZ color **85.5810, 87.4087, 87.9623** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **84.4115, 91.2778, 106.9362**, and the grayscale version is **83.9580, 88.3303, 96.1917**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **47.2877, 48.0132, 47.3326** is the 20% darker color. If you saturate the color by 10%, you get **77.0986, 75.7738, 68.7014**, and if you desaturate by 10%, it is **94.6834, 99.8110, 108.8828**.

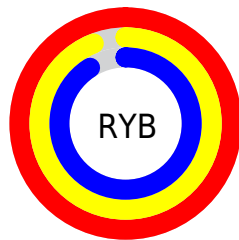
Distribution



Red (100%)

Green (93%)

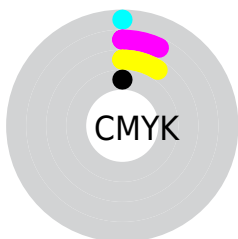
Blue (91%)



Red (100%)

Yellow (94%)

Blue (91%)

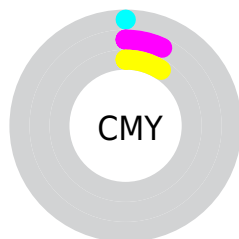


Cyan (0%)

Magenta (7%)

Yellow (9%)

Black (0%)



Cyan (0%)


Magenta (7%)


Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 85.5810, 87.4087, 87.9623 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 85.5810, 87.4087, 87.9623 by changing the saturation by 10% instead.


 85.5810, 87.4087,
87.9623

 85.5810, 87.4087,
87.9623


502.0034,
519.5649, 541.7779

 64.6457, 65.8335,
65.7277


140.0945,
143.7337, 146.4153

 47.4374, 48.1372,
47.5963


174.4033,
179.2522, 183.4709

 33.5910, 33.9356,
33.1496


213.9007,
220.1873, 226.3038

 22.7410, 22.8441,
21.9690

258.9520,
266.9233, 275.3326

 14.5220, 14.4784,
13.6360

309.9226,
319.8447, 330.9759

 8.5687, 8.4542,
7.7321

367.1778,

 4.5158, 4.3869,

379.3358, 393.6521

3.8387

431.0829,
445.7811, 463.7800

■ 1.9979, 1.8923,
1.5373

■ 0.6328, 0.5437,
0.2455

■ 85.5810, 87.4087,
87.9623

■ 85.5810, 87.4087,
87.9623

■ 77.0986, 75.7738,
68.7014

94.6834, 99.8110,
108.8828

■ 69.6635, 65.4371,
52.2467

■ 63.2359, 56.3564,
38.4680

■ 57.7706, 48.4827,
27.2223

■ 53.2188, 41.7638,
18.3533

■ 49.5271, 36.1435,
11.6873

■ 46.6359, 31.5605,
7.0262

■ 44.4770, 27.9467,
4.1362

■ 42.9589, 25.2208,
2.6729

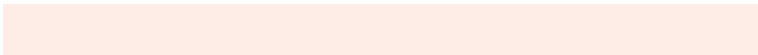
Harmonies

Analogous

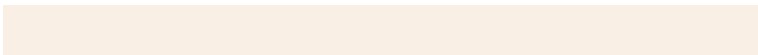
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



86.5642, 87.4087, 92.3392



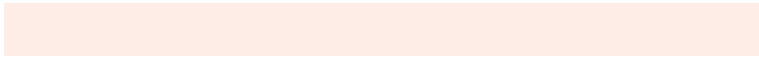
85.5810, 87.4087, 87.9623



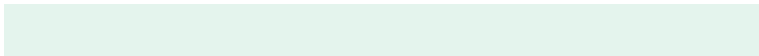
83.9352, 87.4087, 85.5599

Triad

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



85.5810, 87.4087, 87.9623



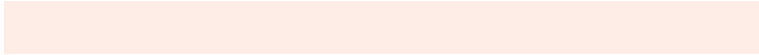
79.6511, 87.4087, 92.7512



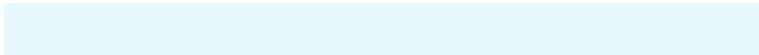
84.0829, 87.4087, 105.3605

Complementary

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



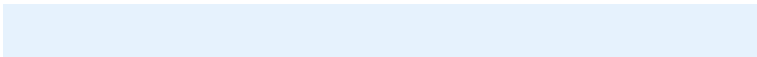
85.5810, 87.4087, 87.9623



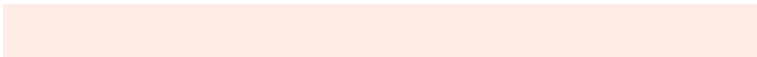
84.4115, 91.2778, 106.9362

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.



82.2293, 87.4087, 105.4809



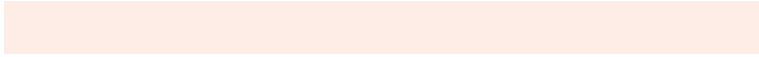
85.5810, 87.4087, 87.9623



79.6893, 87.4087, 98.0646

Square

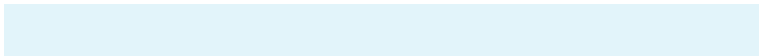
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



85.5810, 87.4087, 87.9623



80.5218, 87.4087, 88.2542



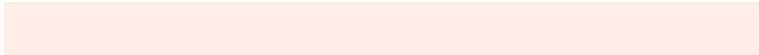
80.6269, 87.4087, 102.7678



85.6905, 87.4087, 102.4447

Rectangle

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



85.5810, 87.4087, 87.9623



82.6925, 87.4087, 85.3412



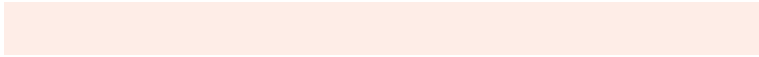
80.6269, 87.4087, 102.7678



83.4674, 87.4087, 105.7328

Sweetspot

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



85.5834, 87.4125, 87.9642



92.0657, 95.9632, 101.9495



86.4321, 85.0167, 100.8658



19.5388, 20.3137, 21.4337



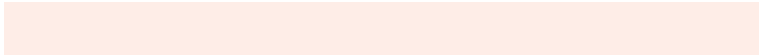
0.0000, 0.0000, 0.0000



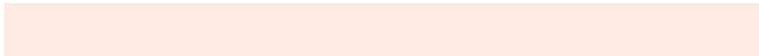
20.3446, 21.4041, 23.3091

Same Dimension

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



85.5834, 87.4125, 87.9642



84.5988, 85.8044, 84.7399



88.9422, 94.1300, 89.0838



18.3949, 18.7580, 18.7955



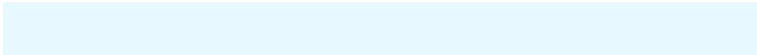
22.6864, 13.3839, 1.3877



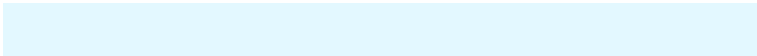
2.2931, 1.4715, 0.1632

Inverse Universe

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



84.4115, 91.2778, 106.9362



83.1810, 90.4792, 107.6879



81.0574, 84.5696, 105.8182



18.1300, 19.6316, 23.0837



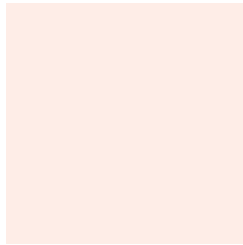
19.0038, 22.9172, 52.8564



1.9391, 2.4089, 5.1760

Previews

White Background



This preview shows how the XYZ color 85.5810, 87.4087, 87.9623 looks on a white background.

Color Contrast Check

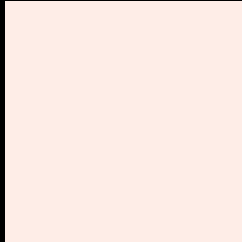
Large Text (above 18pt) WCAG AA × Fail

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 85.5810, 87.4087, 87.9623 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

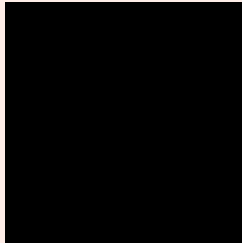
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

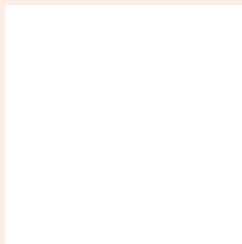
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 85.5810, 87.4087, 87.9623

Background



This preview shows how black text looks on a background with the XYZ color 85.5810, 87.4087, 87.9623.



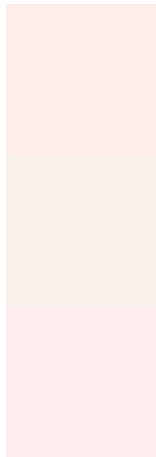
This preview shows how white text looks on a background with the XYZ color 85.5810, 87.4087,

87.9623.

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

85.5810, 87.4087, 87.9623

Protanopia

83.7898, 87.3334, 88.7848

Deuteranopia

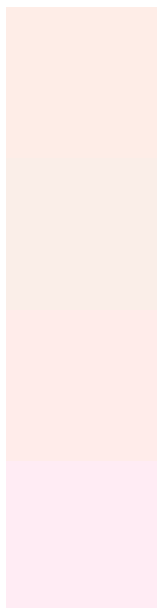
86.3758, 87.3070, 91.6563



Tritanopia

88.3609, 87.6417, 103.5262

Trichromacy



Original Color

85.5810, 87.4087, 87.9623

Protanomaly

84.5644, 87.2993, 88.7374

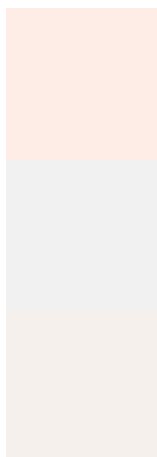
Deuteranomaly

86.0867, 87.1914, 90.1343

Tritanomaly

87.5646, 87.7826, 97.9165

Monochromacy



Original Color

85.5810, 87.4087, 87.9623

Achromatopsia

83.6081, 87.9622, 95.7909

Achromatomaly

84.4522, 88.0274, 92.6606

CSS Examples

Text

The CSS property to change the color of the text to XYZ 85.5810, 87.4087, 87.9623 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(254, 237, 231) looks like.

```
.text, #text, p{  
    color:rgb(254, 237, 231)  
}
```

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(254, 237, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 237, 231) }
```

Border

The CSS property to change the border of an element to XYZ 85.5810, 87.4087, 87.9623 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(254, 237, 231) }
```


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

```
.border{ border-color:rgb(254, 237, 231) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 237, 231)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 237, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 237, 231);  
box-shadow:4px 4px 4px 4px rgb(254, 237,  
231) }
```

Background

The CSS property to change the background color of an element to XYZ 85.5810, 87.4087, 87.9623 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 237, 231) }
```

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

```
.background{ background-color: rgb(254,  
237, 231) }
```

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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