

Converting Colors

XYZ(83.1628, 87.2724, 86.5961)

Have a look what the booklet for
XYZ(83.1628, 87.2724, 86.5961)
contains.

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Color

**XYZ(83.0154, 86.9830,
86.5428)**

Conversions

Conversions Part 1

Format	Color
Hex	F6EFE5
RGB	246, 239, 229
RGB Percent	96%, 94%, 90%
CMY	0.0353, 0.0627, 0.1020
CMYK	0.00, 0.03, 0.07, 0.04
HSL	35°, 49%, 93%
HSV	35°, 7%, 96%
XYZ	83.0154, 86.9830, 86.5428
YIQ	239.9530, 7.3820, -1.6260

Conversions

Conversions Part 2

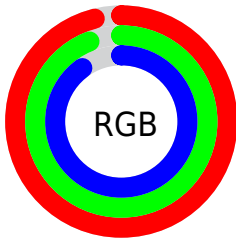
Format	Color
R_{YB}	241, 246, 229
Decimal	16183269
CIE _{Lab}	94.73, 0.65, 5.65
CIE _{LCh}	95, 5.691, 83.394
Yxy	86.9830, 0.3236, 0.3391
Android (android.graphics.Color)	4294373349 (0xFF6EFE5)
YUV	239.9530, -5.3998, 5.3032
Hunter-Lab	93.2647, -4.3294, 10.2685

Details

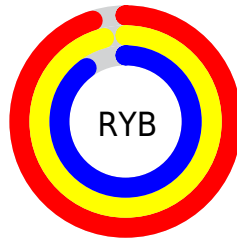
The XYZ color **83.0154, 86.9830, 86.5428** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **78.9430, 83.3014, 99.1078**, and the grayscale version is **82.8266, 87.1401, 94.8955**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **45.8087, 47.8701, 46.8699** is the 20% darker color. If you saturate the color by 10%, you get **76.9408, 79.9459, 68.7556**, and if you desaturate by 10%, it is **89.7477, 94.5544, 106.9526**.

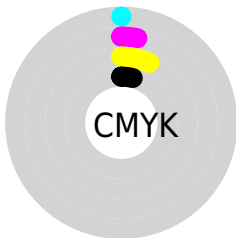
Distribution



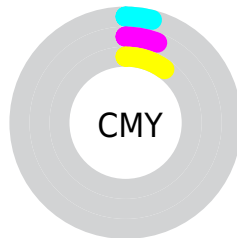
- Red (96%)
- Green (94%)
- Blue (90%)



- Red (95%)
- Yellow (96%)
- Blue (90%)



- Cyan (0%)
- Magenta (3%)
- Yellow (7%)
- Black (4%)



- Cyan (4%)
- Magenta (6%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 83.0154, 86.9830, 86.5428 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 83.0154, 86.9830, 86.5428 by changing the saturation by 10% instead.

83.0154, 86.9830,
86.5428

83.0154, 86.9830,
86.5428

493.6210,
518.1670, 536.9965

62.5198, 65.4811,
64.5595

136.5254,
143.1404, 144.4199

45.7100, 47.8513,
46.6549

170.2706,
178.5648, 181.1508

32.2207, 33.7092,
32.4105

209.1630,
219.3988, 223.6346

21.6865, 22.6703,
21.4078

253.5680,
266.0268, 272.2899

13.7420, 14.3502,
13.2283

303.8509,
318.8333, 327.5352

8.0220, 8.3647,
7.4534

360.3772,

4.1609, 4.3292,

378.2025, 389.7890

3.6645

423.5121,
444.5190, 459.4699

■ 1.7936, 1.8593,
1.4432

■ 0.5138, 0.5238,
0.1750

■ 83.0154, 86.9830,
86.5428

■ 83.0154, 86.9830,
86.5428

■ 76.9408, 79.9459,
68.7556

■ 89.7477, 94.5544,
106.9526

■ 71.4935, 73.4183,
53.4771

■ 91.8165, 98.3330,
108.7487

■ 66.6514, 67.3895,
40.5937

■ 62.3881, 61.8447,
29.9803

■ 58.6750, 56.7676,
21.5007

■ 55.4806, 52.1410,
15.0037

■ 52.7696, 47.9456,
10.3181

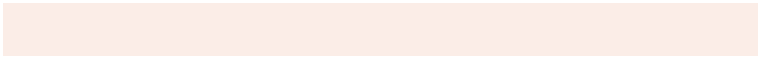
■ 50.5007, 44.1599,
7.2429

■ 48.6223, 40.7581,
5.5227

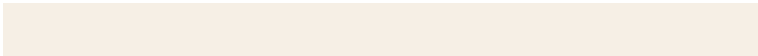
Harmonies

Analogous

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



84.4508, 86.9830, 88.0719



83.0154, 86.9830, 86.5428



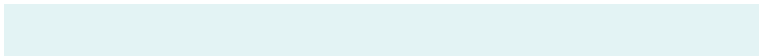
81.5060, 86.9830, 87.1469

Triad

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



83.0154, 86.9830, 86.5428



79.9900, 86.9830, 98.1127



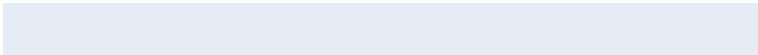
85.0716, 86.9830, 99.8506

Complementary

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



83.0154, 86.9830, 86.5428



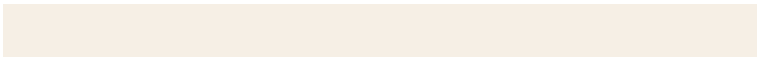
78.9430, 83.3014, 99.1078

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.



83.8546, 86.9830, 102.6978



83.0154, 86.9830, 86.5428



80.9237, 86.9830, 101.6729

Square

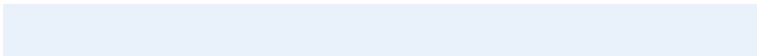
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



83.0154, 86.9830, 86.5428



79.7716, 86.9830, 93.7387



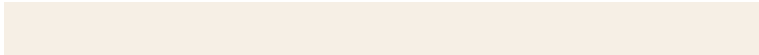
82.3350, 86.9830, 103.3749



85.6474, 86.9830, 95.6874

Rectangle

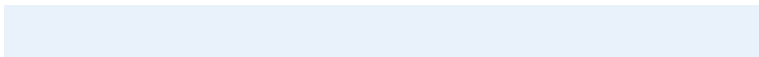
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



83.0154, 86.9830, 86.5428



80.6595, 86.9830, 88.6875



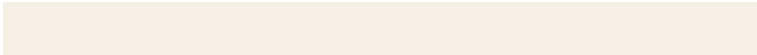
82.3350, 86.9830, 103.3749



84.7232, 86.9830, 100.9985

Sweetspot

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



83.0178, 86.9868, 86.5447



93.5738, 98.3442, 104.4107



81.1789, 81.6937, 90.9114



20.0441, 21.0671, 22.3952



0.0000, 0.0000, 0.0000



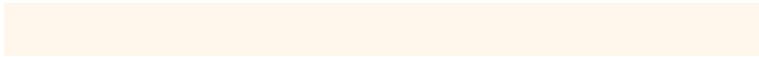
20.3446, 21.4041, 23.3091

Same Dimension

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



83.0178, 86.9868, 86.5447



89.3179, 93.5155, 91.6374



84.6106, 90.9073, 87.2175



17.3097, 18.1035, 17.3796



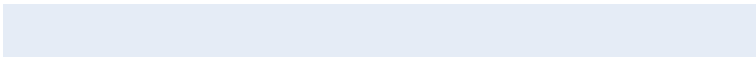
25.8136, 21.5128, 2.7919



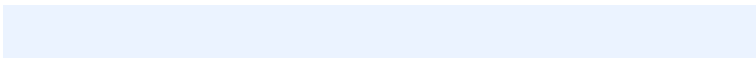
2.3698, 2.0929, 0.2791

Inverse Universe

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



78.9430, 83.3014, 99.1078



84.2280, 88.9121, 107.3302



77.4221, 79.5858, 98.4708



16.1412, 17.0467, 20.9822



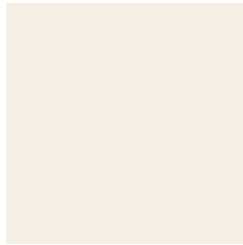
11.5049, 8.8035, 47.6309



1.1098, 0.9710, 4.2192

Previews

White Background



This preview shows how the XYZ color 83.0154, 86.9830, 86.5428 looks on a white background.

Color Contrast Check

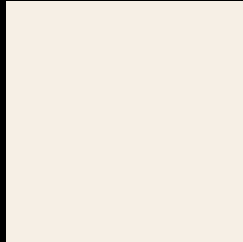
Large Text (above 18pt) WCAG AA × Fail

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 83.0154, 86.9830, 86.5428 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

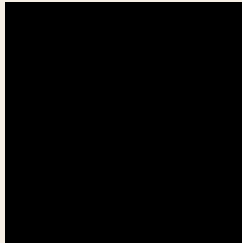
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

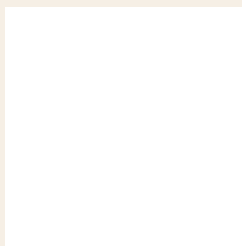
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 83.0154, 86.9830, 86.5428

Background



This preview shows how black text looks on a background with the XYZ color 83.0154, 86.9830, 86.5428.



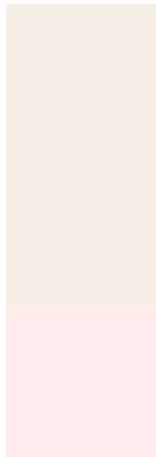
This preview shows how white text looks on a background with the XYZ color 83.0154, 86.9830,

86.5428.

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

83.0154, 86.9830, 86.5428

Protanopia

83.3671, 87.1643, 86.5592

Deuteranopia

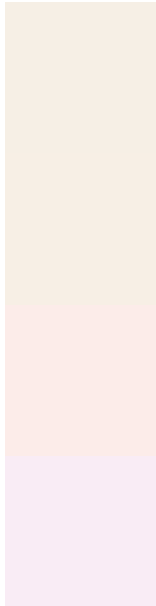
85.9437, 86.6748, 90.7975



Tritanopia

87.0221, 86.8964, 105.9521

Trichromacy



Original Color

83.0154, 86.9830, 86.5428

Protanomaly

83.3671, 87.1643, 86.5592

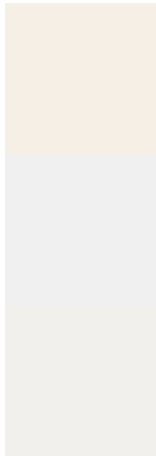
Deuteranomaly

84.8483, 86.5695, 89.3284

Tritanomaly

85.5438, 86.7232, 98.6168

Monochromacy



Original Color

83.0154, 86.9830, 86.5428

Achromatopsia

82.8234, 87.1367, 94.8919

Achromatomaly

82.9184, 87.2536, 91.8282

CSS Examples

Text

The CSS property to change the color of the text to XYZ 83.0154, 86.9830, 86.5428 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(246, 239, 229) looks like.

```
.text, #text, p{  
    color:rgb(246, 239, 229)  
}
```

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(246, 239, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 239, 229) }
```

Border

The CSS property to change the border of an element to XYZ 83.0154, 86.9830, 86.5428 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(246, 239, 229) }
```


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

```
.border{ border-color:rgb(246, 239, 229) }
```

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

Here you see how a box with a 4 pixel `rgb(246, 239, 229)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 239, 229); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 239, 229);  
box-shadow:4px 4px 4px 4px rgb(246, 239,  
229) }
```

Background

The CSS property to change the background color of an element to XYZ 83.0154, 86.9830, 86.5428 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 239, 229) }
```

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

```
.background{ background-color: rgb(246,  
239, 229) }
```

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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