

Converting Colors

XYZ(80.9408, 83.1246, 86.6440)

Have a look what the booklet for
XYZ(80.9408, 83.1246, 86.6440)
contains.

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Color

**XYZ(81.0780, 83.4035,
86.6881)**

Conversions

Conversions Part 1

Format	Color
Hex	F5E9E6
RGB	245, 233, 230
RGB Percent	96%, 91%, 90%
CMY	0.0392, 0.0863, 0.0980
CMYK	0.00, 0.05, 0.06, 0.04
HSL	12°, 43%, 93%
HSV	12°, 6%, 96%
XYZ	81.0780, 83.4035, 86.6881
YIQ	236.2460, 8.1150, 1.6110

Conversions

Conversions Part 2

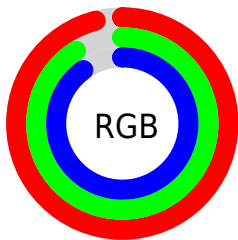
Format	Color
R _Y B	245, 234, 230
Decimal	16116198
CIE Lab	93.19, 3.55, 2.89
CIE LCh	93, 4.577, 39.218
Yxy	83.4035, 0.3228, 0.3321
Android (android.graphics.Color)	4294306278 (0xFF5E9E6)
YUV	236.2460, -3.0793, 7.6773
Hunter-Lab	91.3255, -1.3489, 7.6485

Details

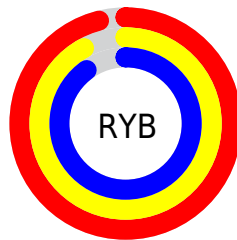
The XYZ color **81.0780, 83.4035, 86.6881** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **80.8664, 86.9183, 98.9019**, and the grayscale version is **79.9377, 84.1007, 91.5857**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **44.4463, 45.3582, 46.9699** is the 20% darker color. If you saturate the color by 10%, you get **72.6350, 71.6413, 68.0754**, and if you desaturate by 10%, it is **90.6252, 96.5981, 108.0566**.

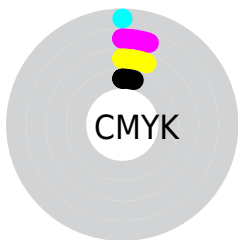
Distribution



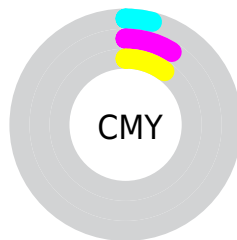
- Red (96%)
- Green (91%)
- Blue (90%)



- Red (96%)
- Yellow (92%)
- Blue (90%)



- Cyan (0%)
- Magenta (5%)
- Yellow (6%)
- Black (4%)



- Cyan (4%)
- Magenta (9%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 81.0780, 83.4035, 86.6881 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 81.0780, 83.4035, 86.6881 by changing the saturation by 10% instead.

81.0780, 83.4035,
86.6881

81.0780, 83.4035,
86.6881

487.2398,
506.3303, 537.4870

60.9174, 62.5231,
64.6790

133.8229,
138.1405, 144.6244

44.4108, 45.4555,
46.7511

167.1378,
172.7658, 181.3886

31.1929, 31.8164,
32.4860

205.5682,
212.7415, 223.9082

20.8983, 21.2213,
21.4651

249.4794,
258.4521, 272.6018

13.1617, 13.2858,
13.2699

299.2369,
310.2818, 327.8880

7.6178, 7.6257,
7.4817

355.2058,

3.9011, 3.8564,

368.6152, 390.1852

3.6822

417.7517,
433.8365, 459.9120

■ 1.6463, 1.5935,
1.4527

■ 0.4223, 0.3532,
0.1823

■ 81.0780, 83.4035,
86.6881

■ 81.0780, 83.4035,
86.6881

■ 72.6350, 71.6413,
68.0754

■ 90.6252, 96.5981,
108.0566

■ 65.2490, 61.2525,
52.1007

■ 91.4666, 98.1527,
108.7323

■ 58.8799, 52.1900,
38.6459

■ 53.4821, 44.3999,
27.5814

■ 49.0067, 37.8244,
18.7664

■ 45.4000, 32.4013,
12.0450

■ 42.6029, 28.0628,
7.2414

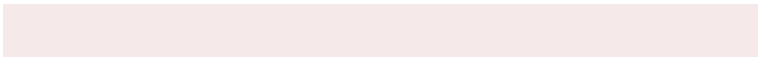
■ 40.5479, 24.7334,
4.1503

■ 39.1555, 22.3273,
2.5187

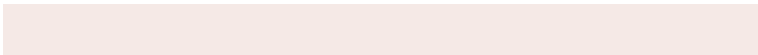
Harmonies

Analogous

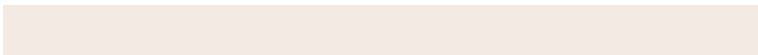
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



81.5776, 83.4035, 89.7553



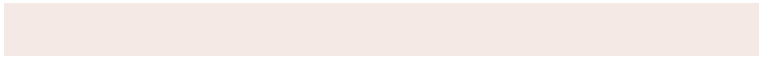
81.0780, 83.4035, 86.6881



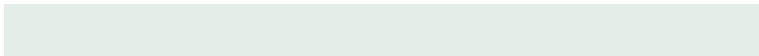
80.0960, 83.4035, 84.7589

Triad

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



81.0780, 83.4035, 86.6881



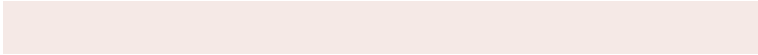
77.1297, 83.4035, 88.4821



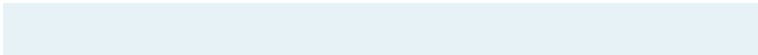
79.6436, 83.4035, 97.5089

Complementary

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



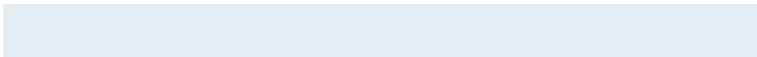
81.0780, 83.4035, 86.6881



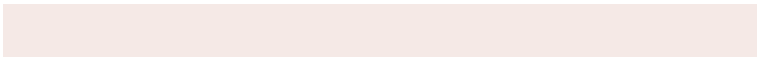
80.8664, 86.9183, 98.9019

Split Complementary

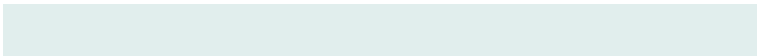
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



78.4547, 83.4035, 97.1471



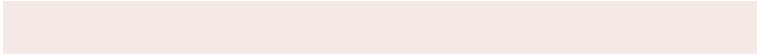
81.0780, 83.4035, 86.6881



77.0113, 83.4035, 91.8775

Square

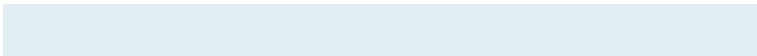
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



81.0780, 83.4035, 86.6881



77.8191, 83.4035, 85.7763



77.4941, 83.4035, 95.0651



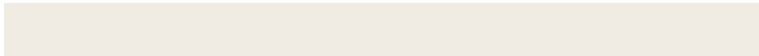
80.7439, 83.4035, 96.0415

Rectangle

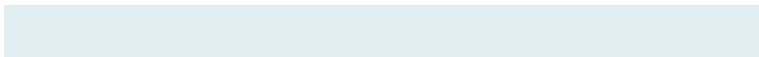
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



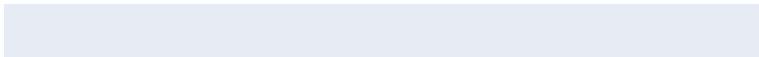
81.0780, 83.4035, 86.6881



79.3041, 83.4035, 84.3485



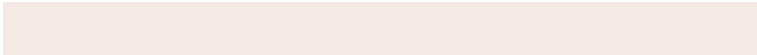
77.4941, 83.4035, 95.0651



79.2410, 83.4035, 97.5980

Sweetspot

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



81.0803, 83.4071, 86.6899



92.9523, 97.1012, 104.2036



81.9810, 82.4181, 95.5928



19.9176, 20.8141, 22.3530



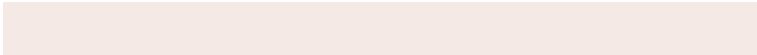
0.0000, 0.0000, 0.0000



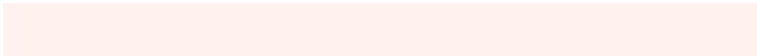
20.3446, 21.4041, 23.3091

Same Dimension

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



81.0803, 83.4071, 86.6899



87.9220, 90.1313, 92.9988



83.2476, 87.7417, 87.4123



17.1231, 17.5137, 17.9853



20.9566, 11.7988, 1.1729



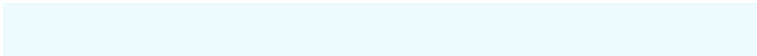
1.9114, 1.1760, 0.1263

Inverse Universe

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



80.8664, 86.9183, 98.9019



87.6552, 94.5104, 108.2301



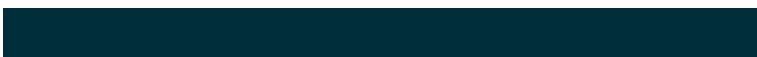
78.6810, 82.5475, 98.1734



17.0668, 18.4386, 21.2020



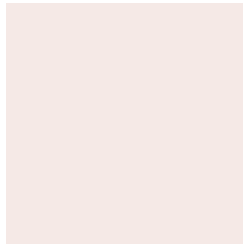
19.6050, 25.0038, 50.3309



1.7930, 2.3374, 4.4469

Previews

White Background



This preview shows how the XYZ color 81.0780, 83.4035, 86.6881 looks on a white background.

Color Contrast Check

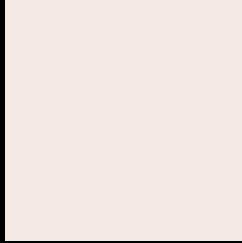
Large Text (above 18pt) WCAG AA × Fail

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 81.0780, 83.4035, 86.6881 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

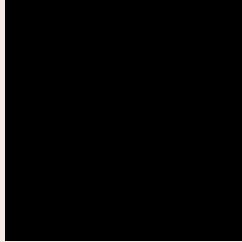
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

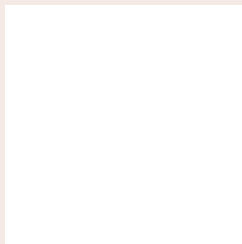
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 81.0780, 83.4035, 86.6881

Background



This preview shows how black text looks on a background with the XYZ color 81.0780, 83.4035, 86.6881.



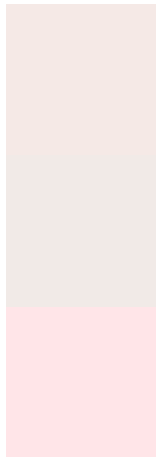
This preview shows how white text looks on a background with the XYZ color 81.0780, 83.4035,

86.6881.

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

81.0780, 83.4035, 86.6881

Protanopia

80.1223, 83.3159, 87.4600

Deuteranopia

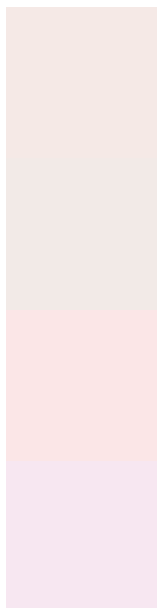
83.8248, 83.1248, 87.9706



Tritanopia

83.9515, 83.3274, 100.4660

Trichromacy



Original Color

81.0780, 83.4035, 86.6881

Protanomaly

80.4646, 83.4924, 87.4760

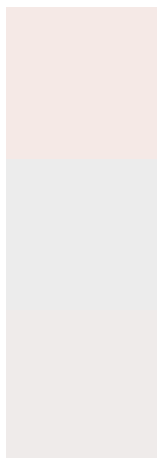
Deuteranomaly

82.5043, 82.8724, 87.2488

Tritanomaly

82.8109, 83.2769, 94.9285

Monochromacy



Original Color

81.0780, 83.4035, 86.6881

Achromatopsia

79.7278, 83.8799, 91.3452

Achromatomaly

80.1562, 83.7079, 89.7745

CSS Examples

Text

The CSS property to change the color of the text to XYZ 81.0780, 83.4035, 86.6881 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(245, 233, 230) looks like.

```
.text, #text, p{  
    color:rgb(245, 233, 230)  
}
```

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(245, 233, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 233, 230) }
```

Border

The CSS property to change the border of an element to XYZ 81.0780, 83.4035, 86.6881 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(245, 233, 230) }
```


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

```
.border{ border-color:rgb(245, 233, 230) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 233, 230)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 233, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 233, 230);  
box-shadow:4px 4px 4px 4px rgb(245, 233,  
230) }
```

Background

The CSS property to change the background color of an element to XYZ 81.0780, 83.4035, 86.6881 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 233, 230) }
```

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

```
.background{ background-color: rgb(245,  
233, 230) }
```

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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