

Converting Colors

XYZ(80.8684, 84.2241, 85.8844)

Have a look what the booklet for
XYZ(80.8684, 84.2241, 85.8844)
contains.

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Color

**XYZ(80.8133, 84.1285,
86.1078)**

Conversions

Conversions Part 1

Format	Color
Hex	F3EBE5
RGB	243, 235, 229
RGB Percent	95%, 92%, 90%
CMY	0.0471, 0.0784, 0.1020
CMYK	0.00, 0.03, 0.06, 0.05
HSL	26°, 37%, 93%
HSV	26°, 6%, 95%
XYZ	80.8133, 84.1285, 86.1078
YIQ	236.7080, 6.6940, -0.1700

Conversions

Conversions Part 2

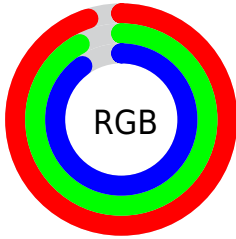
Format	Color
R _Y B	243, 240, 229
Decimal	15985637
CIE Lab	93.51, 1.67, 3.85
CIE LCh	94, 4.199, 66.566
Yxy	84.1285, 0.3219, 0.3351
Android (android.graphics.Color)	4294175717 (0xFFFF3EBE5)
YUV	236.7080, -3.8000, 5.5181
Hunter-Lab	91.7216, -3.2415, 8.5439

Details

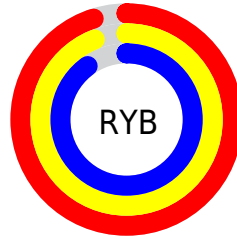
The XYZ color **80.8133, 84.1285, 86.1078** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **78.7747, 83.6960, 96.7980**, and the grayscale version is **80.2984, 84.4802, 91.9989**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **44.2536, 45.8610, 46.5640** is the 20% darker color. If you saturate the color by 10%, you get **73.8362, 75.2287, 68.1979**, and if you desaturate by 10%, it is **88.5801, 93.8456, 106.6261**.

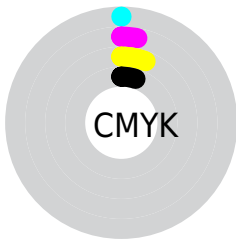
Distribution



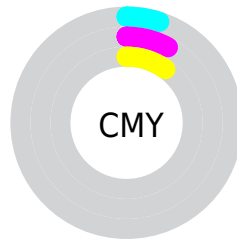
- Red (95%)
- Green (92%)
- Blue (90%)



- Red (95%)
- Yellow (94%)
- Blue (90%)



- Cyan (0%)
- Magenta (3%)
- Yellow (6%)
- Black (5%)



- Cyan (5%)
- Magenta (8%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 80.8133, 84.1285, 86.1078 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 80.8133, 84.1285, 86.1078 by changing the saturation by 10% instead.

80.8133, 84.1285,
86.1078

80.8133, 84.1285,
86.1078

486.3644,
508.7399, 535.5265

60.6986, 63.1215,
64.2017

133.4531,
139.1549, 143.8078

44.2336, 45.9395,
46.3668

166.7090,
173.9432, 180.4388

31.0529, 32.1981,
32.1846

205.0759,
214.0939, 222.8151

20.7912, 21.5129,
21.2366

248.9193,
259.9917, 271.3554

13.0830, 13.4994,
13.1041

298.6044,
312.0207, 326.4781

7.5631, 7.7733,
7.3687

354.4968,

3.8661, 3.9502,

370.5655, 388.6019

3.6118

416.9617,
436.0104, 458.1451

■ 1.6267, 1.6458,
1.4149

■ 0.4097, 0.3882,
0.1533

■ 80.8133, 84.1285,
86.1078

■ 80.8133, 84.1285,
86.1078

■ 73.8362, 75.2287,
68.1979

■ 88.5801, 93.8456,
106.6261

■ 67.6151, 67.1134,
52.7852

■ 90.7725, 97.7949,
108.6998

■ 62.1242, 59.7632,
39.7586

■ 57.3331, 53.1539,
28.9965

■ 53.2093, 47.2600,
20.3662

■ 49.7174, 42.0540,
13.7212

■ 46.8178, 37.5064,
8.8961

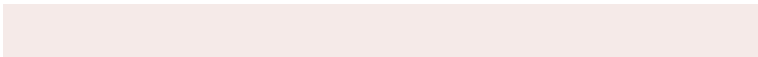
■ 44.4654, 33.5846,
5.6981

■ 42.6061, 30.2517,
3.8894

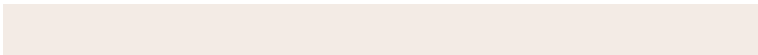
Harmonies

Analogous

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



81.6879, 84.1285, 88.0087



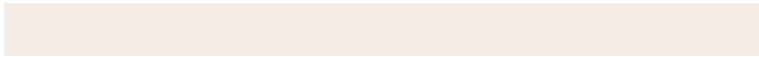
80.8133, 84.1285, 86.1078



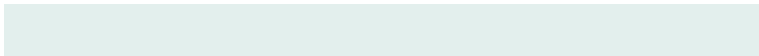
79.7179, 84.1285, 85.6633

Triad

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



80.8133, 84.1285, 86.1078



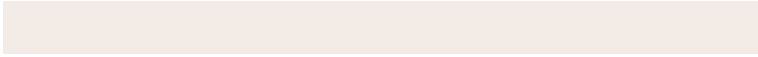
77.8603, 84.1285, 92.3022



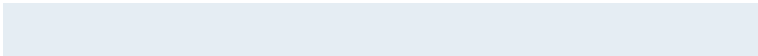
81.2397, 84.1285, 96.5985

Complementary

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



80.8133, 84.1285, 86.1078



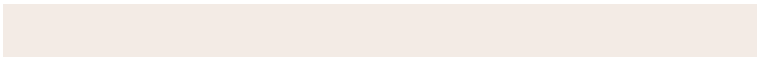
78.7747, 83.6960, 96.7980

Split Complementary

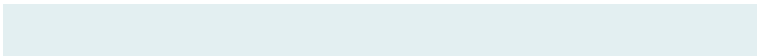
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



80.2059, 84.1285, 97.8083



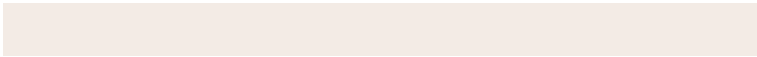
80.8133, 84.1285, 86.1078



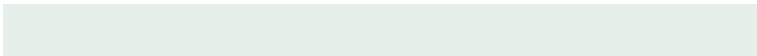
78.2599, 84.1285, 95.2910

Square

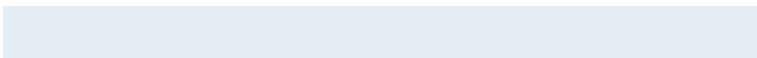
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



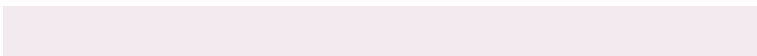
80.8133, 84.1285, 86.1078



78.0196, 84.1285, 89.1925



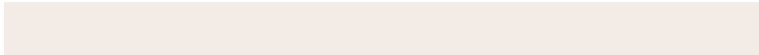
79.1159, 84.1285, 97.3243



81.9356, 84.1285, 94.0537

Rectangle

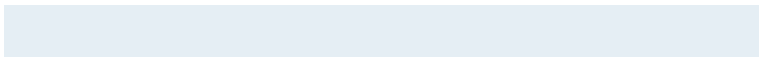
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



80.8133, 84.1285, 86.1078



79.0110, 84.1285, 86.2433



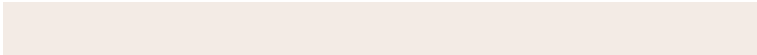
79.1159, 84.1285, 97.3243



80.9198, 84.1285, 97.1774

Sweetspot

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



80.8156, 84.1322, 86.1096



93.3175, 97.8315, 104.3253



80.2929, 81.2187, 91.6944



19.9920, 20.9628, 22.3778



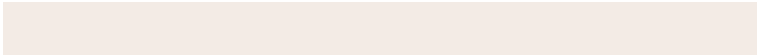
0.0000, 0.0000, 0.0000



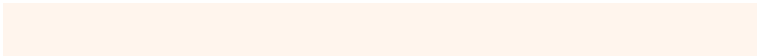
20.3446, 21.4041, 23.3091

Same Dimension

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



80.8156, 84.1322, 86.1096



89.1416, 92.5705, 93.4053



82.8085, 88.1179, 86.7739



17.3803, 18.0281, 18.0711



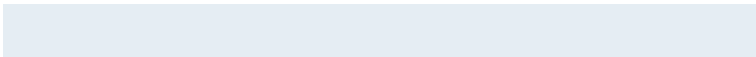
23.1430, 16.1715, 1.9016



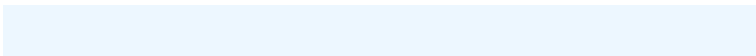
2.1339, 1.6210, 0.2004

Inverse Universe

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



78.7747, 83.6960, 96.7980



86.3913, 91.9827, 107.8089



76.8351, 79.8167, 96.1515



16.7995, 17.9039, 21.1129



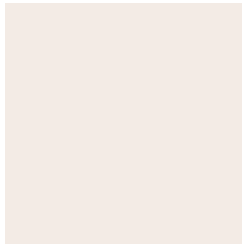
14.0651, 13.9240, 48.4843



1.3381, 1.4276, 4.2953

Previews

White Background



This preview shows how the XYZ color 80.8133, 84.1285, 86.1078 looks on a white background.

Color Contrast Check

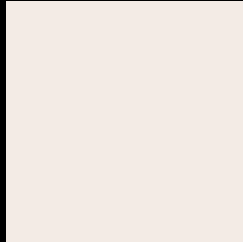
Large Text (above 18pt) WCAG AA × Fail

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 80.8133, 84.1285, 86.1078 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

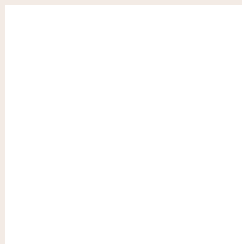
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 80.8133, 84.1285, 86.1078

Background



This preview shows how black text looks on a background with the XYZ color 80.8133, 84.1285, 86.1078.



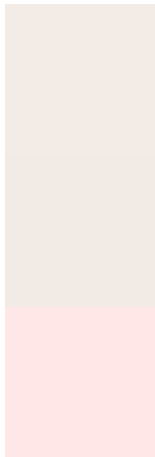
This preview shows how white text looks on a background with the XYZ color 80.8133, 84.1285,

86.1078.

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

80.8133, 84.1285, 86.1078

Protanopia

80.4691, 83.9510, 86.0917

Deuteranopia

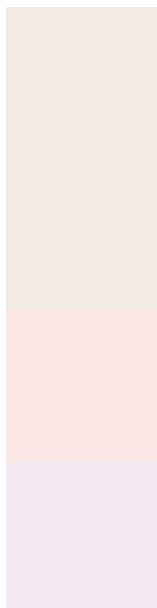
84.3814, 84.2380, 88.1561



Tritanopia

84.1180, 84.2082, 102.2628

Trichromacy



Original Color

80.8133, 84.1285, 86.1078

Protanomaly

80.4691, 83.9510, 86.0917

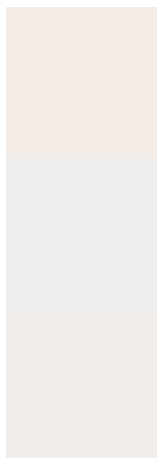
Deuteranomaly

83.0641, 83.9920, 87.4354

Tritanomaly

82.8221, 84.1011, 95.8723

Monochromacy



Original Color

80.8133, 84.1285, 86.1078

Achromatopsia

80.4953, 84.6873, 92.2245

Achromatomaly

80.4433, 84.2821, 89.8702

CSS Examples

Text

The CSS property to change the color of the text to XYZ 80.8133, 84.1285, 86.1078 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(243, 235, 229) looks like.

```
.text, #text, p{  
    color:rgb(243, 235, 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(243, 235, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 235, 229) }
```

Border

The CSS property to change the border of an element to XYZ 80.8133, 84.1285, 86.1078 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(243, 235, 229) }
```


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

```
.border{ border-color:rgb(243, 235, 229) }
```

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

Here you see how a box with a 4 pixel rgb(243, 235, 229) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 235, 229); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 235, 229);  
box-shadow:4px 4px 4px 4px rgb(243, 235,  
229) }
```

Background

The CSS property to change the background color of an element to XYZ 80.8133, 84.1285, 86.1078 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 235, 229) }
```

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

```
.background{ background-color: rgb(243,  
235, 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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