

Converting Colors

XYZ(81.8678, 83.2330, 84.4045)

Have a look what the booklet for
XYZ(81.8678, 83.2330, 84.4045)
contains.

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Color

**XYZ(82.1461, 83.5833,
84.4767)**

Conversions

Conversions Part 1

Format	Color
Hex	FAE8E3
RGB	250, 232, 227
RGB Percent	98%, 91%, 89%
CMY	0.0196, 0.0902, 0.1098
CMYK	0.00, 0.07, 0.09, 0.02
HSL	13°, 70%, 94%
HSV	13°, 9%, 98%
XYZ	82.1461, 83.5833, 84.4767
YIQ	236.8120, 12.3330, 2.2610

Conversions

Conversions Part 2

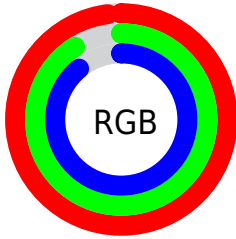
Format	Color
R _Y B	250, 233, 227
Decimal	16443619
CIE Lab	93.27, 5.28, 4.62
CIE LCh	93, 7.017, 41.172
Yxy	83.5833, 0.3283, 0.3341
Android (android.graphics.Color)	4294633699 (0xFFFAE8E3)
YUV	236.8120, -4.8373, 11.5659
Hunter-Lab	91.4239, 0.3938, 9.2121

Details

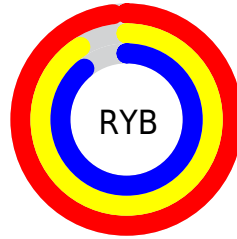
The XYZ color **82.1461, 83.5833, 84.4767** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **81.5860, 88.5362, 103.2326**, and the grayscale version is **80.3831, 84.5692, 92.0959**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **44.9640, 45.3667, 45.4165** is the 20% darker color. If you saturate the color by 10%, you get **73.7406, 71.8986, 65.8694**, and if you desaturate by 10%, it is **91.6701, 96.7014, 105.9307**.

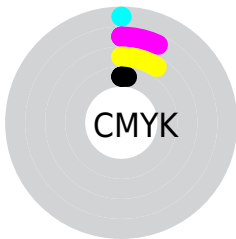
Distribution



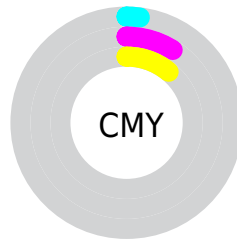
- Red (98%)
- Green (91%)
- Blue (89%)



- Red (98%)
- Yellow (91%)
- Blue (89%)



- Cyan (0%)
- Magenta (7%)
- Yellow (9%)
- Black (2%)



- Cyan (2%)
- Magenta (9%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 82.1461, 83.5833, 84.4767 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 82.1461, 83.5833, 84.4767 by changing the saturation by 10% instead.

82.1461, 83.5833,
84.4767

82.1461, 83.5833,
84.4767

490.7634,
506.9285, 529.9943

61.8005, 62.6715,
62.8614

135.3136,
138.3921, 141.5095

45.1265, 45.5755,
45.2888

168.8662,
173.0579, 177.7641

31.7588, 31.9109,
31.3404

207.5519,
213.0771, 219.7355

21.3320, 21.2935,
20.5975

251.7360,
258.8341, 267.8423

13.4807, 13.3387,
12.6418

301.7838,
310.7134, 322.5030

7.8397, 7.6622,
7.0545

358.0607,

4.0435, 3.8796,

369.0993, 384.1363

3.4173

420.9321,
434.3762, 453.1605

■ 1.7268, 1.6064,
1.3114

■ 0.4729, 0.3619,
0.0711

■ 82.1461, 83.5833,
84.4767

■ 82.1461, 83.5833,
84.4767

■ 73.7406, 71.8986,
65.8694

■ 91.6701, 96.7014,
105.9307

■ 66.4053, 61.5877,
49.9834

■ 93.2347, 99.0642,
108.8150

■ 60.0983, 52.6031,
36.6922

■ 54.7723, 44.8900,
25.8569

■ 50.3764, 38.3901,
17.3256

■ 46.8545, 33.0403,
10.9293

■ 44.1443, 28.7715,
6.4757

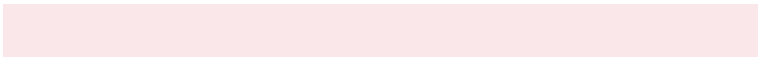
■ 42.1742, 25.5067,
3.7374

■ 40.8480, 23.1532,
2.3735

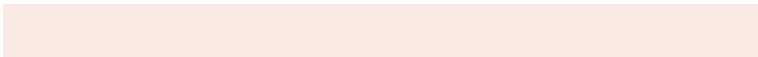
Harmonies

Analogous

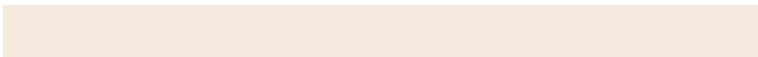
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



82.9778, 83.5833, 89.0520



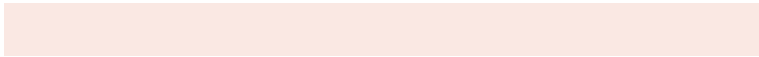
82.1461, 83.5833, 84.4767



80.5948, 83.5833, 81.7190

Triad

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



82.1461, 83.5833, 84.4767



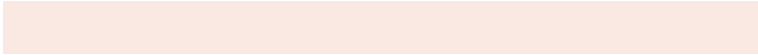
76.1300, 83.5833, 87.7657



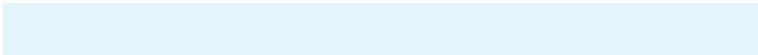
80.1333, 83.5833, 101.3526

Complementary

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



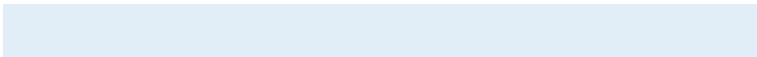
82.1461, 83.5833, 84.4767



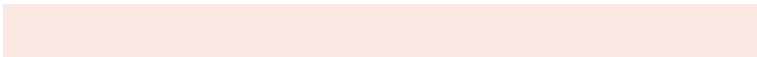
81.5860, 88.5362, 103.2326

Split Complementary

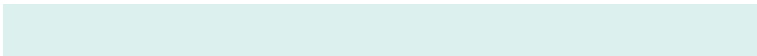
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



78.3031, 83.5833, 100.9756



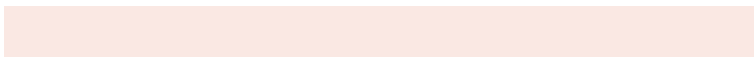
82.1461, 83.5833, 84.4767



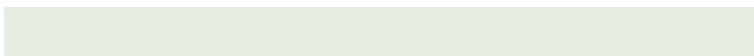
76.0108, 83.5833, 92.9924

Square

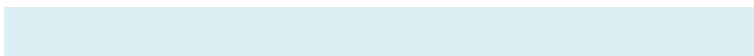
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



82.1461, 83.5833, 84.4767



77.1289, 83.5833, 83.5665



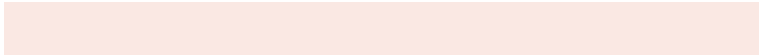
76.8007, 83.5833, 97.8676



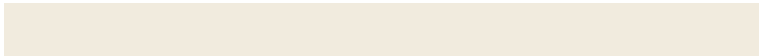
81.8038, 83.5833, 98.8787

Rectangle

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



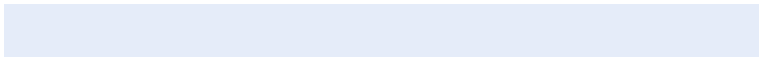
82.1461, 83.5833, 84.4767



79.3708, 83.5833, 81.2156



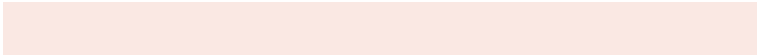
76.8007, 83.5833, 97.8676



79.5161, 83.5833, 101.5575

Sweetspot

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



82.1484, 83.5870, 84.4785



91.9628, 95.7574, 101.9152



83.3785, 81.8570, 97.8060



19.5111, 20.2583, 21.4245



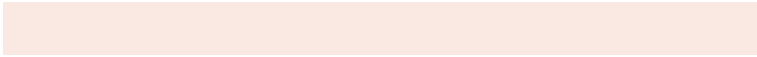
0.0000, 0.0000, 0.0000



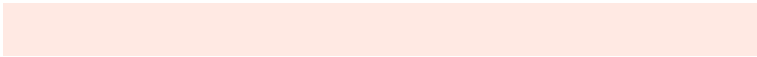
20.3446, 21.4041, 23.3091

Same Dimension

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



82.1484, 83.5870, 84.4785



84.2522, 85.1113, 84.6244



85.4859, 90.2620, 85.5910



17.5507, 17.8374, 17.9803



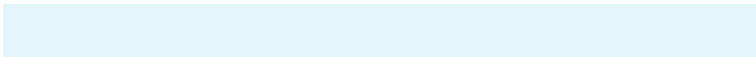
21.7069, 12.3704, 1.2436



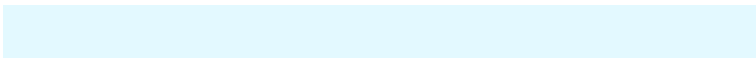
2.0848, 1.2945, 0.1400

Inverse Universe

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



81.5860, 88.5362, 103.2326



83.5566, 91.2303, 107.8131



78.2204, 81.8050, 102.1107



17.4266, 18.9300, 22.1207



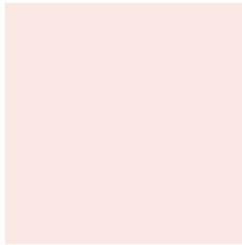
19.6865, 24.7287, 51.7091



1.8999, 2.4435, 4.8147

Previews

White Background



This preview shows how the XYZ color 82.1461, 83.5833, 84.4767 looks on a white background.

Color Contrast Check

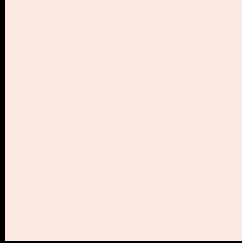
Large Text (above 18pt) WCAG AA × Fail

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 82.1461, 83.5833, 84.4767 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

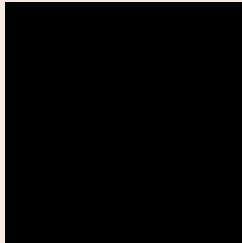
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

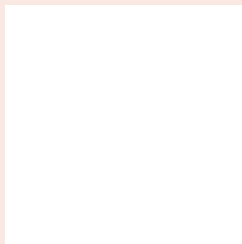
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 82.1461, 83.5833, 84.4767

Background



This preview shows how black text looks on a background with the XYZ color 82.1461, 83.5833, 84.4767.



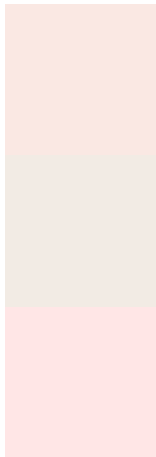
This preview shows how white text looks on a background with the XYZ color 82.1461, 83.5833,

84.4767.

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

82.1461, 83.5833, 84.4767

Protanopia

80.3299, 83.8953, 85.3584

Deuteranopia

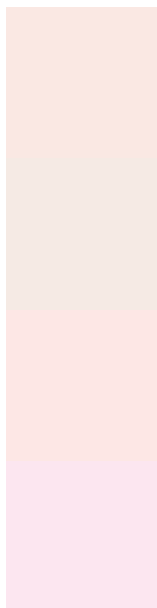
83.8197, 83.5668, 86.5751



Tritanopia

85.3158, 83.6367, 99.6426

Trichromacy



Original Color

82.1461, 83.5833, 84.4767

Protanomaly

81.0826, 83.8596, 85.3118

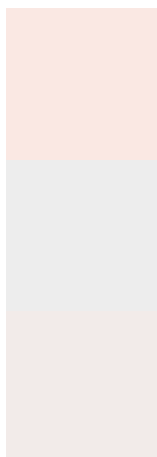
Deuteranomaly

83.2268, 83.6916, 85.8963

Tritanomaly

84.1699, 83.5803, 94.1345

Monochromacy



Original Color

82.1461, 83.5833, 84.4767

Achromatopsia

80.4953, 84.6873, 92.2245

Achromatomaly

81.0343, 84.1771, 89.0676

CSS Examples

Text

The CSS property to change the color of the text to XYZ 82.1461, 83.5833, 84.4767 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(250, 232, 227) looks like.

```
.text, #text, p{  
    color:rgb(250, 232, 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(250, 232, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 232, 227) }
```

Border

The CSS property to change the border of an element to XYZ 82.1461, 83.5833, 84.4767 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(250, 232, 227) }
```


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

```
.border{ border-color:rgb(250, 232, 227) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 232, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 232, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 232, 227);  
box-shadow:4px 4px 4px 4px rgb(250, 232,  
227) }
```

Background

The CSS property to change the background color of an element to XYZ 82.1461, 83.5833, 84.4767 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 232, 227) }
```

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

```
.background{ background-color: rgb(250,  
232, 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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