

Converting Colors

XYZ(82.2181, 83.6324, 84.0007)

Have a look what the booklet for
XYZ(82.2181, 83.6324, 84.0007)
contains.

XYZ(82.0084, 83.5282, 83.7518)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(82.0084, 83.5282,
83.7518)**

Conversions

Conversions Part 1

Format	Color
Hex	FAE8E2
RGB	250, 232, 226
RGB Percent	98%, 91%, 89%
CMY	0.0196, 0.0902, 0.1137
CMYK	0.00, 0.07, 0.10, 0.02
HSL	15°, 71%, 93%
HSV	15°, 10%, 98%
XYZ	82.0084, 83.5282, 83.7518
YIQ	236.6980, 12.6540, 1.9500

Conversions

Conversions Part 2

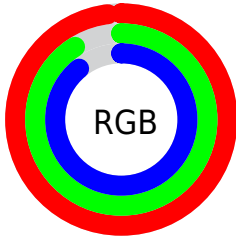
Format	Color
R _Y B	250, 234, 226
Decimal	16443618
CIE Lab	93.25, 5.12, 5.10
CIE LCh	93, 7.229, 44.922
Yxy	83.5282, 0.3290, 0.3351
Android (android.graphics.Color)	4294633698 (0xFFFAE8E2)
YUV	236.6980, -5.2741, 11.6659
Hunter-Lab	91.3938, 0.2305, 9.6432

Details

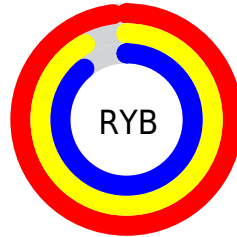
The XYZ color **82.0084, 83.5282, 83.7518** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **80.9698, 87.7706, 103.1172**, and the grayscale version is **80.2985, 84.4802, 91.9990**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **44.8683, 45.3284, 44.9125** is the 20% darker color. If you saturate the color by 10%, you get **73.8274, 72.2610, 65.3160**, and if you desaturate by 10%, it is **91.2572, 96.1285, 105.0132**.

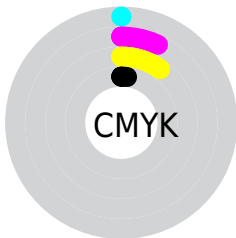
Distribution



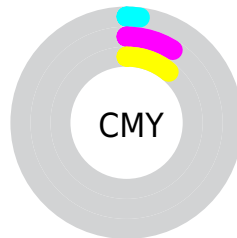
- Red (98%)
- Green (91%)
- Blue (89%)



- Red (98%)
- Yellow (92%)
- Blue (89%)



- Cyan (0%)
- Magenta (7%)
- Yellow (10%)
- Black (2%)




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

Brightness & Saturation Gradients


These gradients show how the XYZ color 82.0084, 83.5282, 83.7518 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 82.0084, 83.5282, 83.7518 by changing the saturation by 10% instead.


 82.0084, 83.5282,
83.7518

 82.0084, 83.5282,
83.7518


490.3099,
506.7452, 527.5252

 61.6866, 62.6260,
62.2663


135.1215,
138.3150, 140.4866

 45.0341, 45.5387,
44.8108


168.6436,
172.9684, 176.5729

 31.6857, 31.8820,
30.9665


207.2964,
212.9743, 218.3634

 21.2759, 21.2713,
20.3151

251.4454,
258.7171, 266.2764

 13.4395, 13.3225,
12.4380

301.4559,
310.5812, 320.7305

 7.8109, 7.6510,
6.9165

357.6932,

 4.0250, 3.8724,

368.9510, 382.1443

3.3323

420.5228,
434.2108, 450.9364

■ 1.7163, 1.6025,
1.2667

■ 0.4664, 0.3593,
0.0343

■ 82.0084, 83.5282,
83.7518

■ 82.0084, 83.5282,
83.7518

■ 73.8274, 72.2610,
65.3160

■ 91.2572, 96.1285,
105.0132

■ 66.6680, 62.2721,
49.5810

■ 93.2347, 99.0642,
108.8150

■ 60.4910, 53.5190,
36.4207

■ 55.2518, 45.9527,
25.6968

■ 50.9023, 39.5209,
17.2577

■ 47.3897, 34.1670,
10.9349

■ 44.6554, 29.8294,
6.5361

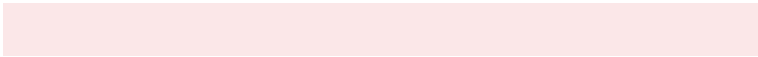
■ 42.6317, 26.4398,
3.8338

■ 41.2242, 23.9144,
2.4719

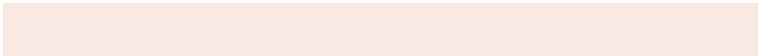
Harmonies

Analogous

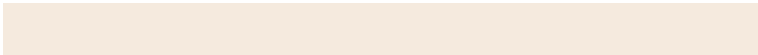
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



82.9770, 83.5282, 88.2780



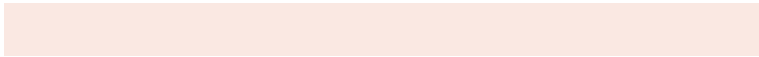
82.0084, 83.5282, 83.7518



80.3461, 83.5282, 81.2065

Triad

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



82.0084, 83.5282, 83.7518



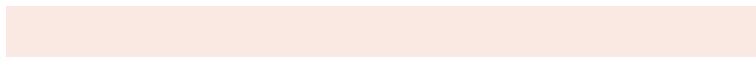
75.9124, 83.5282, 88.2509



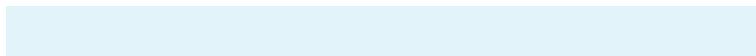
80.3364, 83.5282, 101.4469

Complementary

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



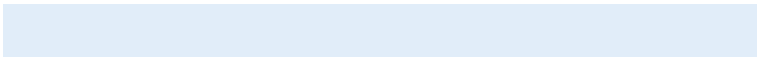
82.0084, 83.5282, 83.7518



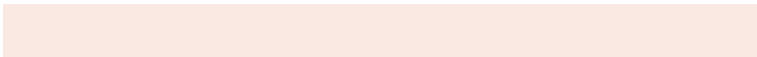
80.9698, 87.7706, 103.1172

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.



78.4436, 83.5282, 101.4390



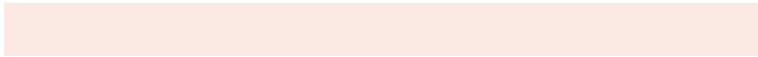
82.0084, 83.5282, 83.7518



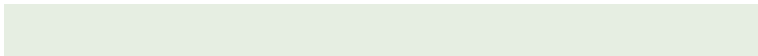
75.9099, 83.5282, 93.6713

Square

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



82.0084, 83.5282, 83.7518



76.8369, 83.5282, 83.7327



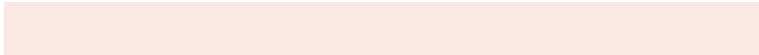
76.8300, 83.5282, 98.5451



82.0012, 83.5282, 98.5664

Rectangle

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



82.0084, 83.5282, 83.7518



79.0777, 83.5282, 80.9084



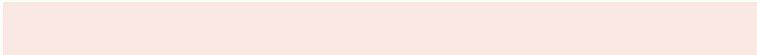
76.8300, 83.5282, 98.5451



79.7052, 83.5282, 101.7856

Sweetspot

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



82.0107, 83.5319, 83.7536



92.0399, 95.9117, 101.9409



82.9509, 81.2496, 96.8997



19.5319, 20.2998, 21.4314



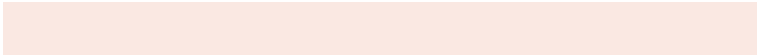
0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

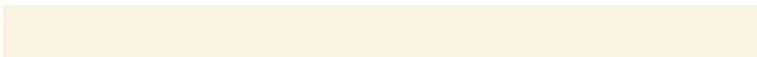
The Same Dimension uses a secret algorithm to generate beautiful new colors.



82.0107, 83.5319, 83.7536



83.6212, 84.4081, 82.6909



85.5035, 90.5174, 84.9178



17.5974, 17.9306, 17.9959



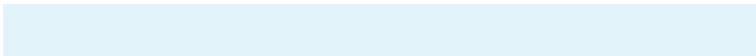
21.9369, 12.8304, 1.3203



2.1121, 1.3490, 0.1491

Inverse Universe

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



80.9698, 87.7706, 103.1172



82.2808, 89.8636, 107.6165



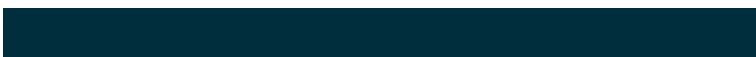
77.4771, 80.7853, 101.9530



17.3765, 18.8299, 22.1040



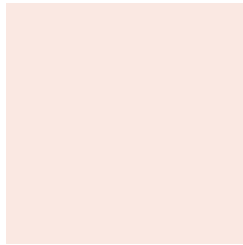
18.7501, 22.8557, 51.3969



1.8204, 2.2844, 4.7882

Previews

White Background



This preview shows how the XYZ color 82.0084, 83.5282, 83.7518 looks on a white background.

Color Contrast Check

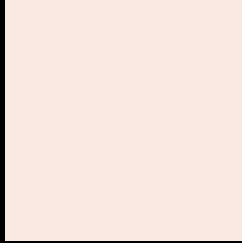
Large Text (above 18pt) WCAG AA × Fail

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 82.0084, 83.5282, 83.7518 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

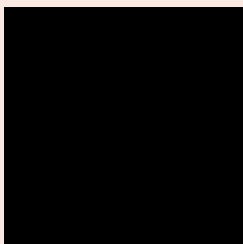
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

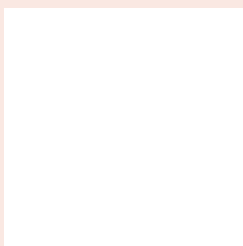
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 82.0084, 83.5282, 83.7518

Background



This preview shows how black text looks on a background with the XYZ color 82.0084, 83.5282, 83.7518.



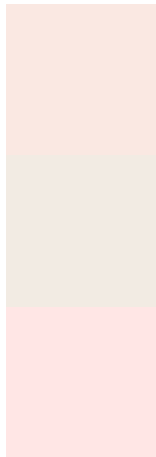
This preview shows how white text looks on a background with the XYZ color 82.0084, 83.5282,

83.7518.

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

82.0084, 83.5282, 83.7518

Protanopia

80.1914, 83.8400, 84.6292

Deuteranopia

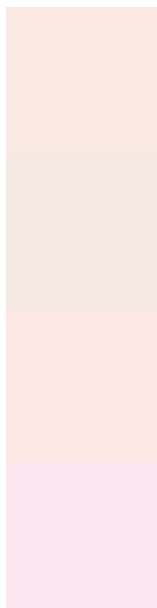
83.6797, 83.5108, 85.8375



Tritanopia

85.3158, 83.6367, 99.6426

Trichromacy



Original Color

82.0084, 83.5282, 83.7518

Protanomaly

80.9441, 83.8042, 84.5827

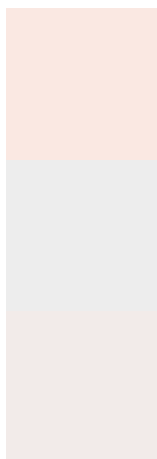
Deuteranomaly

83.0875, 83.6359, 85.1630

Tritanomaly

84.0217, 83.5211, 93.3541

Monochromacy



Original Color

82.0084, 83.5282, 83.7518

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 82.0084, 83.5282, 83.7518 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, 226)` looks like.

```
.text, #text, p{  
    color:rgb(250, 232, 226)  
}
```

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, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 232, 226) }
```

Border

The CSS property to change the border of an element to XYZ 82.0084, 83.5282, 83.7518 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, 226) }
```


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

```
.border{ border-color:rgb(250, 232, 226) }
```

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, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 232, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 232, 226);  
box-shadow:4px 4px 4px 4px rgb(250, 232,  
226) }
```

Background

The CSS property to change the background color of an element to XYZ 82.0084, 83.5282, 83.7518 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, 226) }
```

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

```
.background{ background-color: rgb(250,  
232, 226) }
```

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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