

Converting Colors

XYZ(82.9976, 83.4561, 85.1330)

Have a look what the booklet for
XYZ(82.9976, 83.4561, 85.1330)
contains.

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Color

**XYZ(83.0875, 83.6359,
85.1630)**

Conversions

Conversions Part 1

Format	Color
Hex	FDE7E4
RGB	253, 231, 228
RGB Percent	99%, 91%, 89%
CMY	0.0078, 0.0941, 0.1059
CMYK	0.00, 0.09, 0.10, 0.01
HSL	7°, 86%, 94%
HSV	7°, 10%, 99%
XYZ	83.0875, 83.6359, 85.1630
YIQ	237.2360, 14.0750, 3.7310

Conversions

Conversions Part 2

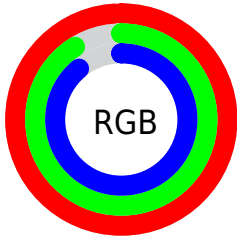
Format	Color
R_{YB}	253, 231, 228
Decimal	16639972
CIE _{Lab}	93.29, 7.00, 4.16
CIE _{LCh}	93, 8.140, 30.753
Yxy	83.6359, 0.3299, 0.3320
Android (android.graphics.Color)	4294830052 (0xFFFDE7E4)
YUV	237.2360, -4.5533, 13.8250
Hunter-Lab	91.4527, 2.1305, 8.8045

Details

The XYZ color **83.0875, 83.6359, 85.1630** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **83.9098, 91.9553, 106.2560**, and the grayscale version is **80.7064, 84.9094, 92.4663**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **45.6377, 45.4128, 45.8953** is the 20% darker color. If you saturate the color by 10%, you get **73.9906, 70.6570, 66.0521**, and if you desaturate by 10%, it is **93.4954, 98.4124, 107.2485**.

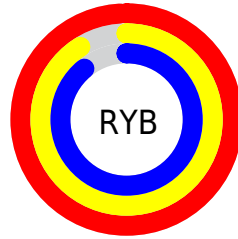
Distribution



Red (99%)

Green (91%)

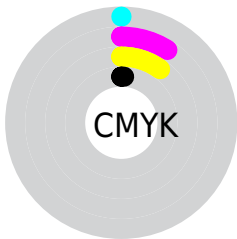
Blue (89%)



Red (99%)

Yellow (91%)

Blue (89%)

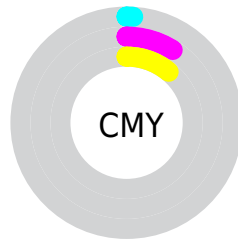


Cyan (0%)

Magenta (9%)

Yellow (10%)

Black (1%)



Cyan (1%)

Magenta (9%)

Yellow (11%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 83.0875, 83.6359, 85.1630 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 83.0875, 83.6359, 85.1630 by changing the saturation by 10% instead.


 83.0875, 83.6359,
85.1630

 83.0875, 83.6359,
85.1630


493.8576,
507.1034, 532.3259

 62.5795, 62.7149,
63.4251


136.6259,
138.4657, 142.4771

 45.7585, 45.6106,
45.7420


170.3870,
173.1433, 178.8904

 32.2591, 31.9386,
31.6951


209.2965,
213.1753, 221.0326

 21.7160, 21.3146,
20.8658

253.7198,
258.9459, 269.3222

 13.7638, 13.3542,
12.8357

304.0222,
310.8396, 324.1778

 8.0372, 7.6729,
7.1861

360.5690,

 4.1707, 3.8864,

369.2408, 386.0179

3.4985

423.7257,
434.5340, 455.2611

■ 1.7992, 1.6102,
1.3545

■ 0.5172, 0.3645,
0.1058

■ 83.0875, 83.6359,
85.1630

■ 83.0875, 83.6359,
85.1630

■ 73.9906, 70.6570,
66.0521

■ 93.4954, 98.4124,
107.2485

■ 66.1459, 59.3965,
49.7835

■ 94.3184, 99.6228,
108.8658

■ 59.5004, 49.7855,
36.2229

■ 53.9944, 41.7463,
25.2229

■ 49.5634, 35.1951,
16.6221

■ 46.1361, 30.0399,
10.2408

■ 43.6326, 26.1788,
5.8738

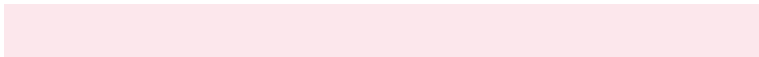
■ 41.9603, 23.4954,
3.2776

■ 40.9914, 21.8463,
2.0649

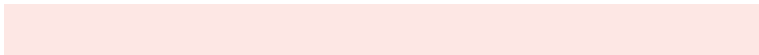
Harmonies

Analogous

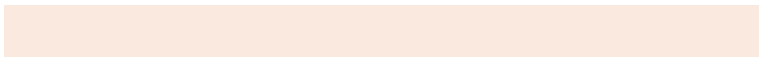
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



83.6854, 83.6359, 90.9102



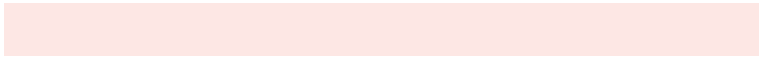
83.0875, 83.6359, 85.1630



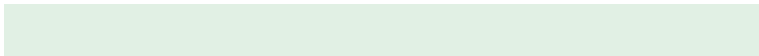
81.5237, 83.6359, 81.1515

Triad

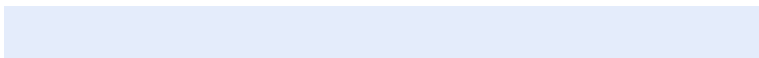
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



83.0875, 83.6359, 85.1630



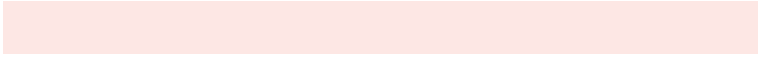
75.9519, 83.6359, 85.4203



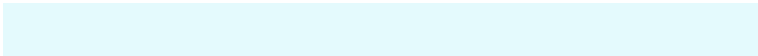
79.5476, 83.6359, 103.3827

Complementary

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



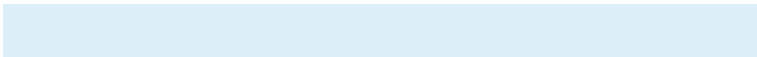
83.0875, 83.6359, 85.1630



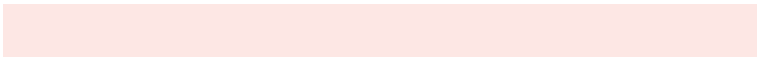
83.9098, 91.9553, 106.2560

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.



77.4971, 83.6359, 101.7553



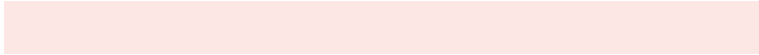
83.0875, 83.6359, 85.1630



75.4438, 83.6359, 91.2206

Square

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



83.0875, 83.6359, 85.1630



77.4049, 83.6359, 81.2953



76.0045, 83.6359, 97.2341



81.6192, 83.6359, 101.5883

Rectangle

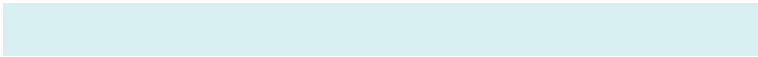
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



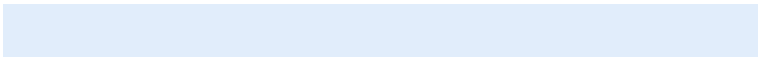
83.0875, 83.6359, 85.1630



80.1574, 83.6359, 79.9068



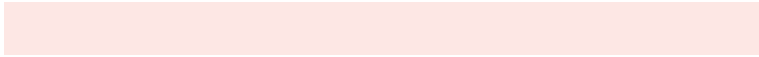
76.0045, 83.6359, 97.2341



78.8331, 83.6359, 103.2170

Sweetspot

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



83.0898, 83.6396, 85.1648



91.7329, 95.2976, 101.8386



85.5208, 83.2780, 102.0788



19.4493, 20.1347, 21.4039



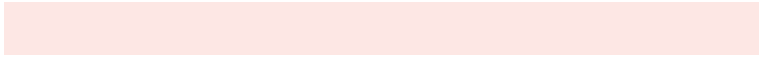
0.0000, 0.0000, 0.0000



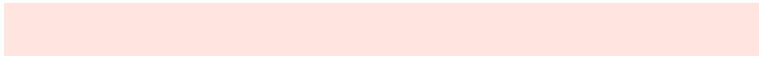
20.3446, 21.4041, 23.3091

Same Dimension

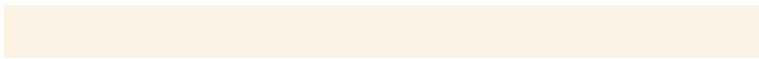
The Same Dimension uses a secret algorithm to generate beautiful new colors.



83.0898, 83.6396, 85.1648



82.5136, 82.1930, 82.3217



86.6880, 90.8360, 86.3642



18.1852, 18.3385, 18.7256



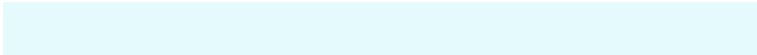
21.8549, 11.7210, 1.1105



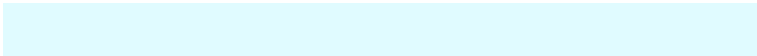
2.1813, 1.2479, 0.1259

Inverse Universe

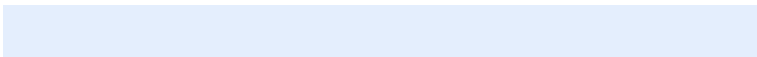
The Inverse Universe completely reimagines the original color for something new.



83.9098, 91.9553, 106.2560



83.5126, 92.3274, 108.0271



80.1790, 84.4937, 105.0124



18.3576, 20.0868, 23.1595



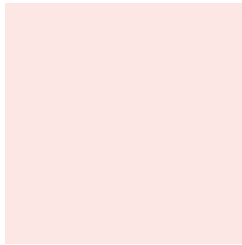
23.4834, 31.8763, 54.3496



2.3368, 3.2043, 5.3086

Previews

White Background



This preview shows how the XYZ color 83.0875, 83.6359, 85.1630 looks on a white background.

Color Contrast Check

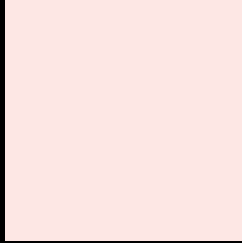
Large Text (above 18pt) WCAG AA × Fail

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 83.0875, 83.6359, 85.1630 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

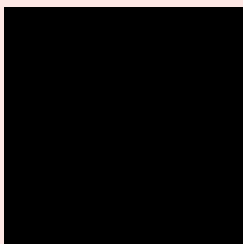
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

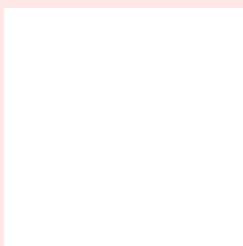
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 83.0875, 83.6359, 85.1630

Background



This preview shows how black text looks on a background with the XYZ color 83.0875, 83.6359, 85.1630.



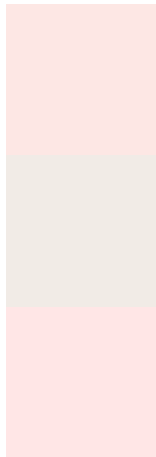
This preview shows how white text looks on a background with the XYZ color 83.0875, 83.6359,

85.1630.

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

83.0875, 83.6359, 85.1630

Protanopia

80.2669, 83.8306, 86.8133

Deuteranopia

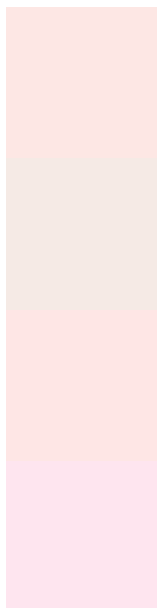
83.8197, 83.5668, 86.5751



Tritanopia

85.6180, 83.4006, 98.7742

Trichromacy



Original Color

83.0875, 83.6359, 85.1630

Protanomaly

81.2219, 83.9153, 86.0452

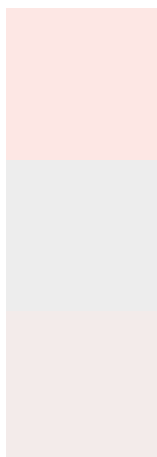
Deuteranomaly

83.3127, 83.3216, 85.8204

Tritanomaly

84.4723, 83.3414, 93.2957

Monochromacy



Original Color

83.0875, 83.6359, 85.1630

Achromatopsia

80.4953, 84.6873, 92.2245

Achromatomaly

81.5218, 84.4119, 89.8384

CSS Examples

Text

The CSS property to change the color of the text to XYZ 83.0875, 83.6359, 85.1630 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(253, 231, 228)` looks like.

```
.text, #text, p{  
    color:rgb(253, 231, 228)  
}
```

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(253, 231, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 231, 228) }
```

Border

The CSS property to change the border of an element to XYZ 83.0875, 83.6359, 85.1630 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(253, 231, 228) }
```


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

```
.border{ border-color:rgb(253, 231, 228) }
```

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

Here you see how a box with a 4 pixel rgb(253, 231, 228) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 231, 228); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 231, 228);  
box-shadow:4px 4px 4px 4px rgb(253, 231,  
228) }
```

Background

The CSS property to change the background color of an element to XYZ 83.0875, 83.6359, 85.1630 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 231, 228) }
```

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

```
.background{ background-color: rgb(253,  
231, 228) }
```

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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