

Converting Colors

XYZ(147.1282, 117.7440,
80.9919)

Have a look what the booklet for
XYZ(147.1282, 117.7440, 80.9919)
contains.

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Color

**XYZ(83.0338, 84.5998,
78.2827)**

Conversions

Conversions Part 1

Format	Color
Hex	FFE9DA
RGB	255, 233, 218
RGB Percent	100%, 91%, 85%
CMY	0.0000, 0.0863, 0.1451
CMYK	0.00, 0.09, 0.15, 0.00
HSL	24°, 100%, 93%
HSV	24°, 15%, 100%
XYZ	83.0338, 84.5998, 78.2827
YIQ	237.8680, 17.9270, -0.0010

Conversions

Conversions Part 2

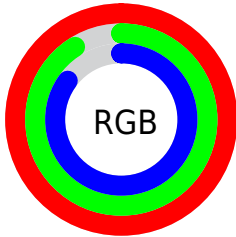
Format	Color
R _Y B	255, 243, 218
Decimal	16771546
CIE Lab	93.71, 5.09, 9.99
CIE LCh	94, 11.208, 62.994
Yxy	84.5998, 0.3377, 0.3440
Android (android.graphics.Color)	4294961626 (0xFFFFE9DA)
YUV	237.8680, -9.7949, 15.0248
Hunter-Lab	91.9781, 0.1801, 13.9229

Details

The XYZ color **83.0338, 84.5998, 78.2827** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **78.1227, 84.4432, 106.7894**, and the grayscale version is **81.2313, 85.4617, 93.0678**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **45.6217, 46.0944, 41.1429** is the 20% darker color. If you saturate the color by 10%, you get **75.8420, 75.1519, 60.6696**, and if you desaturate by 10%, it is **91.1116, 94.9976, 98.7261**.

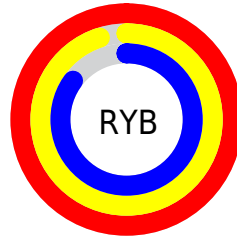
Distribution



Red (100%)

Green (91%)

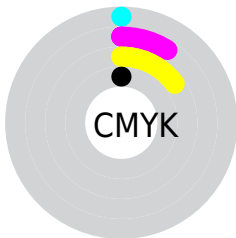
Blue (85%)



Red (100%)

Yellow (95%)

Blue (85%)

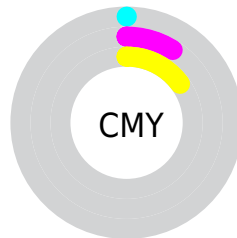


Cyan (0%)

Magenta (9%)

Yellow (15%)

Black (0%)



Cyan (0%)


Magenta (9%)

Yellow (15%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 83.0338, 84.5998, 78.2827 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 83.0338, 84.5998, 78.2827 by changing the saturation by 10% instead.


 83.0338, 84.5998,
78.2827

 83.0338, 84.5998,
78.2827


493.6814,
510.3029, 508.6797

 62.5350, 63.5108,
57.7884


136.5511,
139.8139, 132.7381

 45.7224, 46.2545,
41.2250

170.3003,
174.7077, 167.5362

 32.2305, 32.4467,
28.1739


209.1971,
214.9720, 207.9394

 21.6940, 21.7029,
18.2166

253.6067,
260.9910, 254.3661

 13.7476, 13.6388,
10.9346

303.8946,
313.1492, 307.2350

 8.0258, 7.8699,
5.9092

360.4261,

 4.1634, 4.0118,

371.8310, 366.9645

2.7221

423.5666,
437.4208, 433.9733

■ 1.7950, 1.6802,
0.9545

■ 0.5147, 0.4108,
0.0000

■ 83.0338, 84.5998,
78.2827

■ 83.0338, 84.5998,
78.2827

■ 75.8420, 75.1519,
60.6696

■ 91.1116, 94.9976,
98.7261

■ 69.4978, 66.6152,
45.7551

95.0500, 100.0000,
108.9000

■ 63.9682, 58.9642,
33.4052

■ 59.2159, 52.1678,
23.4719

■ 55.2000, 46.1930,
15.7920

■ 51.8753, 41.0040,
10.1817

■ 49.1906, 36.5618,
6.4278

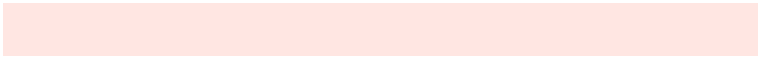
■ 47.0845, 32.8222,
4.2692

■ 46.1316, 31.0431,
3.5605

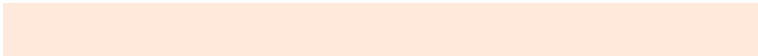
Harmonies

Analogous

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



85.3009, 84.5998, 83.4829



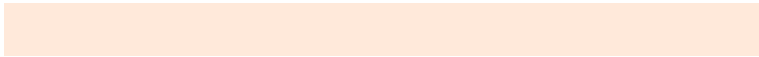
83.0338, 84.5998, 78.2827



80.1113, 84.5998, 76.7114

Triad

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



83.0338, 84.5998, 78.2827



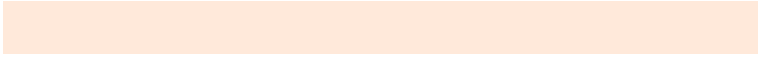
74.8341, 84.5998, 92.9727



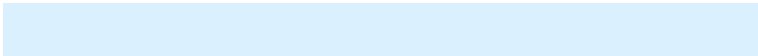
83.5633, 84.5998, 106.5421

Complementary

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



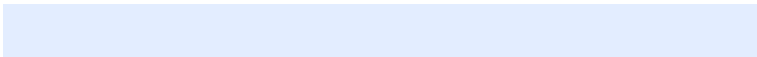
83.0338, 84.5998, 78.2827



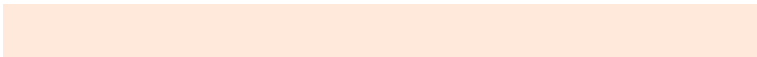
78.1227, 84.4432, 106.7894

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.



80.7086, 84.5998, 109.4533



83.0338, 84.5998, 78.2827



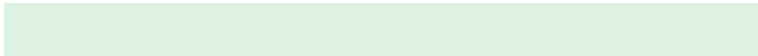
75.7089, 84.5998, 101.3221

Square

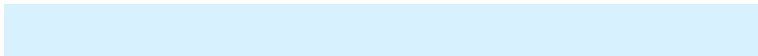
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



83.0338, 84.5998, 78.2827



75.4224, 84.5998, 84.8778



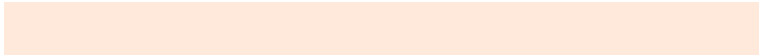
77.8412, 84.5998, 107.4872



85.6119, 84.5998, 99.7519

Rectangle

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



83.0338, 84.5998, 78.2827



78.1968, 84.5998, 77.8488



77.8412, 84.5998, 107.4872



82.6637, 84.5998, 108.0251

Sweetspot

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



83.0358, 84.6034, 78.2845



91.5470, 95.5525, 99.8446



82.0699, 77.7069, 93.2679



19.4573, 20.2769, 21.0177



0.0000, 0.0000, 0.0000



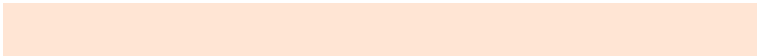
20.3446, 21.4041, 23.3091

Same Dimension

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



83.0358, 84.6034, 78.2845



81.1627, 82.1620, 73.6372



88.4861, 95.5041, 80.1013



18.6141, 19.1964, 18.8685



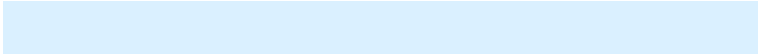
24.2421, 16.4954, 1.9062



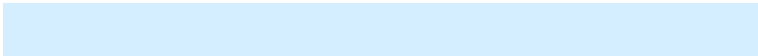
2.4643, 1.8139, 0.2202

Inverse Universe

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



78.1227, 84.4432, 106.7894



75.5064, 81.9767, 106.4512



73.0060, 74.2098, 105.0838



17.9009, 19.1734, 23.0073



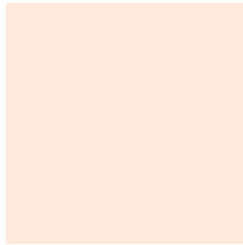
15.4138, 15.7373, 51.6598



1.6081, 1.7469, 5.0657

Previews

White Background



This preview shows how the XYZ color 83.0338, 84.5998, 78.2827 looks on a white background.

Color Contrast Check

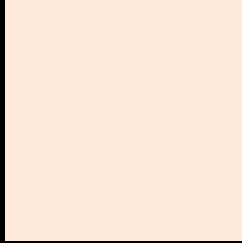
Large Text (above 18pt) WCAG AA × Fail

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 83.0338, 84.5998, 78.2827 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

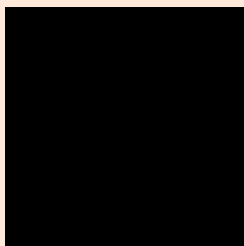
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

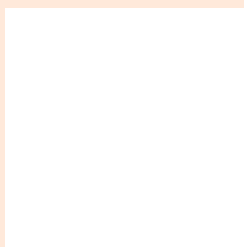
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 83.0338, 84.5998, 78.2827

Background



This preview shows how black text looks on a background with the XYZ color 83.0338, 84.5998, 78.2827.



This preview shows how white text looks on a background with the XYZ color 83.0338, 84.5998,

78.2827.

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

83.0338, 84.5998, 78.2827

Protanopia

80.5699, 84.5707, 79.7874

Deuteranopia

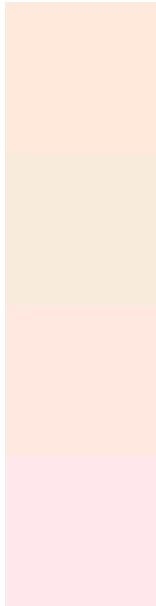
83.9617, 84.5193, 84.5616



Tritanopia

86.0182, 84.4462, 98.1523

Trichromacy



Original Color

83.0338, 84.5998, 78.2827

Protanomaly

81.5614, 84.6709, 79.0622

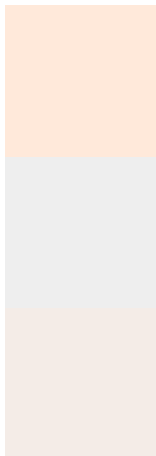
Deuteranomaly

83.5512, 84.3550, 82.3995

Tritanomaly

84.8113, 84.4100, 90.4200

Monochromacy



Original Color

83.0338, 84.5998, 78.2827

Achromatopsia

81.2670, 85.4993, 93.1087

Achromatomaly

81.7275, 84.9935, 87.6992

CSS Examples

Text

The CSS property to change the color of the text to XYZ 83.0338, 84.5998, 78.2827 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(255, 233, 218) looks like.

```
.text, #text, p{  
    color:rgb(255, 233, 218)  
}
```

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(255, 233, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 233, 218) }
```

Border

The CSS property to change the border of an element to XYZ 83.0338, 84.5998, 78.2827 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(255, 233, 218) }
```


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

```
.border{ border-color:rgb(255, 233, 218) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 233, 218)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 233, 218); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 233, 218);  
box-shadow:4px 4px 4px 4px rgb(255, 233,  
218) }
```

Background

The CSS property to change the background color of an element to XYZ 83.0338, 84.5998, 78.2827 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 233, 218) }
```

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

```
.background{ background-color: rgb(255,  
233, 218) }
```

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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