

Converting Colors

XYZ(83.1436, 84.6883, 81.4099)

Have a look what the booklet for
XYZ(83.1436, 84.6883, 81.4099)
contains.

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Color

**XYZ(82.8317, 84.4344,
81.0390)**

Conversions

Conversions Part 1	
Format	Color
Hex	FDE9DE
RGB	253, 233, 222
RGB Percent	99%, 91%, 87%
CMY	0.0078, 0.0863, 0.1294
CMYK	0.00, 0.08, 0.12, 0.01
HSL	21°, 89%, 93%
HSV	21°, 12%, 99%
XYZ	82.8317, 84.4344, 81.0390
YIQ	237.7260, 15.4510, 0.8190

Conversions

Conversions Part 2

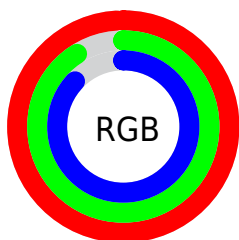
Format	Color
RYB	253, 239, 222
Decimal	16640478
CIELab	93.64, 5.01, 7.78
CIELCh	94, 9.257, 57.235
Yxy	84.4344, 0.3336, 0.3400
Android (android.graphics.Color)	4294830558 (0xFFFD E9DE)
YUV	237.7260, -7.7529, 13.3953
Hunter-Lab	91.8882, 0.1027, 12.0321

Details

The XYZ color 82.8317, 84.4344, 81.0390 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 79.6055, 86.1239, 105.3571, and the grayscale version is 81.1078, 85.3317, 92.9262.

A 20% lighter version of the original color is 95.0500, 100.0000, 108.9000, and 45.4621, 45.9701, 43.0362 is the 20% darker color. If you saturate the color by 10%, you get 75.2846, 74.3651, 63.0302, and if you desaturate by 10%, it is 91.3196, 95.5692, 101.8737.

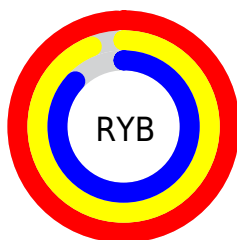
Distribution



Red (99%)

Green (91%)

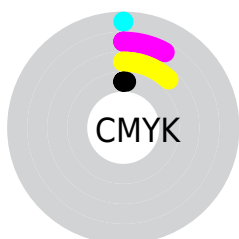
Blue (87%)



Red (99%)

Yellow (94%)

Blue (87%)

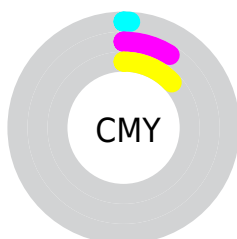


Cyan (0%)

Magenta (8%)

Yellow (12%)

Black (1%)



Cyan (1%)

Magenta (9%)


Yellow (13%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 82.8317, 84.4344, 81.0390 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 82.8317, 84.4344, 81.0390 by changing the saturation by 10% instead.


 82.8317, 84.4344,
81.0390

 82.8317, 84.4344,
81.0390


493.0179,
509.7547, 518.2263

 62.3678, 63.3741,
60.0425


136.2695,
139.5827, 136.6501

 45.5866, 46.1440,
43.0274


169.9740,
174.4395, 172.1018

 32.1230, 32.3594,
29.5750


208.8228,
214.6639, 213.2090

 21.6115, 21.6362,
19.2670

253.1812,
260.6404, 260.3902

 13.6867, 13.5898,
11.6846

303.4145,
312.7534, 314.0640

 7.9833, 7.8359,
6.4094


359.8882,


 4.1360, 3.9901,

371.3871, 374.6489


3.0228


422.9675,
436.9261, 442.5635


 1.7794, 1.6681,
1.1063


 0.5052, 0.4028,
0.0000

 82.8317, 84.4344,
81.0390


 82.8317, 84.4344,
81.0390


 75.2846, 74.3651,
63.0302

 91.3196, 95.5692,
101.8737

 68.6371, 65.3179,
47.7191

94.3183, 99.6228,
108.8658

 62.8554, 57.2630,
34.9755

 57.9004, 50.1645,
24.6564

53.7298, 43.9844,
16.6043

50.2972, 38.6816,
10.6431

47.5501, 34.2116,
6.5700

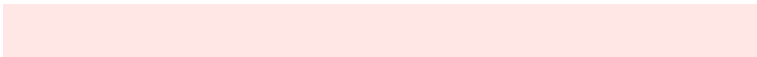
45.4274, 30.5246,
4.1409

44.1488, 28.1637,
3.1092

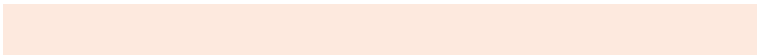
Harmonies

Analogous

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



84.5188, 84.4344, 85.8914



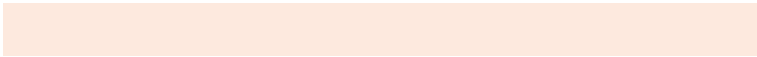
82.8317, 84.4344, 81.0390



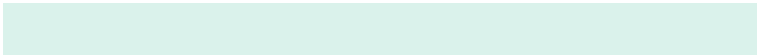
80.4801, 84.4344, 79.0937

Triad

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



82.8317, 84.4344, 81.0390



75.6336, 84.4344, 91.2847



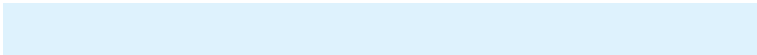
82.4299, 84.4344, 104.4736

Complementary

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



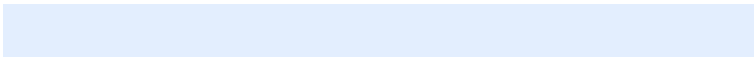
82.8317, 84.4344, 81.0390



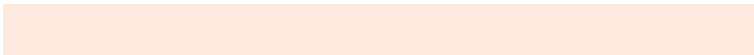
79.6055, 86.1239, 105.3571

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.



80.0251, 84.4344, 106.0953



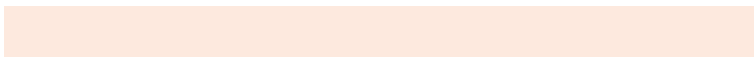
82.8317, 84.4344, 81.0390



76.1320, 84.4344, 98.2550

Square

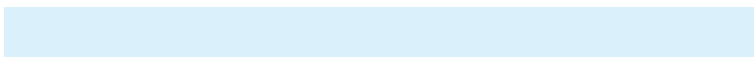
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



82.8317, 84.4344, 81.0390



76.3518, 84.4344, 84.8174



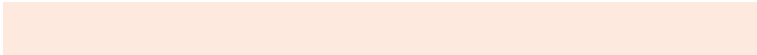
77.7271, 84.4344, 103.7657



84.2836, 84.4344, 99.4394

Rectangle

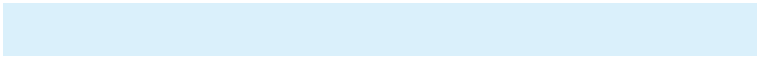
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



82.8317, 84.4344, 81.0390



78.8632, 84.4344, 79.6293



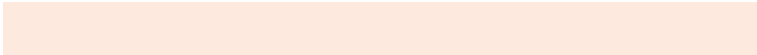
77.7271, 84.4344, 103.7657



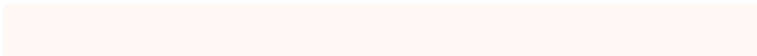
81.6577, 84.4344, 105.4467

Sweetspot

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



82.8340, 84.4381, 81.0408



91.3879, 95.2343, 99.7916



82.6798, 79.5461, 95.1197



19.4171, 20.1965, 21.0043



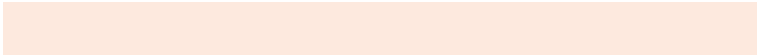
0.0000, 0.0000, 0.0000



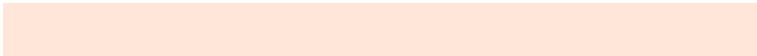
20.3446, 21.4041, 23.3091

Same Dimension

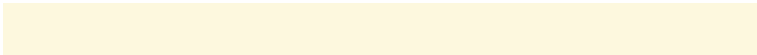
The Same Dimension uses a secret algorithm to generate beautiful new colors.



82.8340, 84.4381, 81.0408



82.1202, 83.0334, 77.1741



87.3688, 93.5076, 82.5524



18.5369, 19.0421, 18.8428



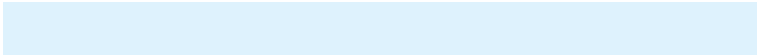
23.6094, 15.2300, 1.6953



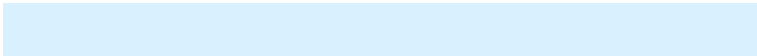
2.3972, 1.6799, 0.1979

Inverse Universe

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



79.6055, 86.1239, 105.3571



78.1712, 85.0939, 106.9124



75.2284, 77.3695, 103.8981



17.9806, 19.3327, 23.0339



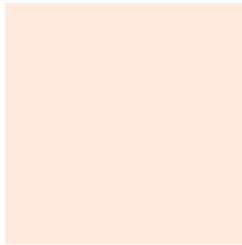
16.5589, 18.0274, 52.0415



1.7154, 1.9615, 5.1015

Previews

White Background



This preview shows how the XYZ color 82.8317, 84.4344, 81.0390 looks on a white background.

Color Contrast Check

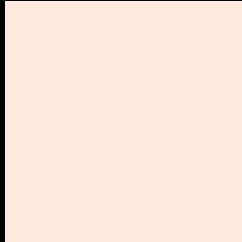
Large Text (above 18pt) WCAG AA × Fail

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 82.8317, 84.4344, 81.0390 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

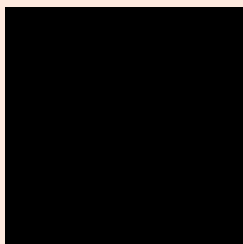
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

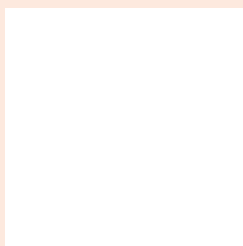
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 82.8317, 84.4344, 81.0390

Background



This preview shows how black text looks on a background with the XYZ color 82.8317, 84.4344, 81.0390.

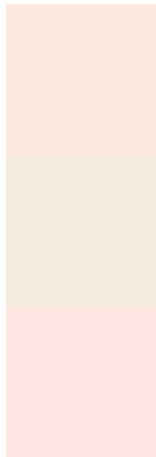


This preview shows how white text looks on a background with the XYZ color 82.8317, 84.4344,

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

82.8317, 84.4344, 81.0390

Protanopia

80.7582, 84.6058, 82.5952

Deuteranopia

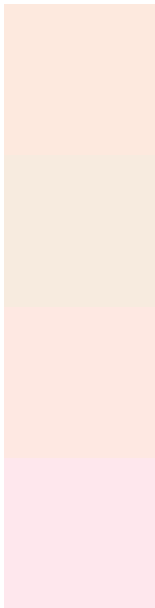
84.1002, 84.5747, 85.2908



Tritanopia

86.1714, 84.5074, 98.9586

Trichromacy



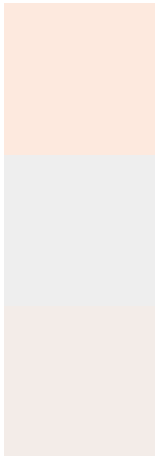
Original Color
82.8317, 84.4344, 81.0390

Protanomaly
81.3854, 84.5185, 81.8363

Deuteranomaly
83.4571, 84.2750, 83.8196

Tritanomaly
84.7350, 84.3371, 91.9334

Monochromacy



Original Color
82.8317, 84.4344, 81.0390

Achromatopsia
81.2670, 85.4993, 93.1087

Achromatomaly
81.5231, 84.8718, 88.4291

CSS Examples

Text

The CSS property to change the color of the text to XYZ 82.8317, 84.4344, 81.0390 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, 233, 222) looks like.

```
.text, #text, p{  
    color:rgb(253, 233, 222)  
}
```

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, 233, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 233, 222) }
```

Border

The CSS property to change the border of an element to XYZ 82.8317, 84.4344, 81.0390 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, 233, 222) }
```


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

```
.border{ border-color:rgb(253, 233, 222) }
```

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

Here you see how a box with a 4 pixel rgb(253, 233, 222) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 233, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 233, 222);  
box-shadow:4px 4px 4px 4px rgb(253, 233,  
222) }
```

Background

The CSS property to change the background color of an element to XYZ 82.8317, 84.4344, 81.0390 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 233, 222) }
```

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

```
.background{ background-color: rgb(253,  
233, 222) }
```

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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awesome pro features!

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