

Converting Colors

XYZ(83.9812, 85.3229, 82.2108)

Have a look what the booklet for
XYZ(83.9812, 85.3229, 82.2108)
contains.

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Color

**XYZ(84.1174, 85.4875,
82.5883)**

Conversions

Conversions Part 1

Format	Color
Hex	FFEAE0
RGB	255, 234, 224
RGB Percent	100%, 92%, 88%
CMY	0.0000, 0.0823, 0.1216
CMYK	0.00, 0.08, 0.12, 0.00
HSL	19°, 100%, 94%
HSV	19°, 12%, 100%
XYZ	84.1174, 85.4875, 82.5883
YIQ	239.1390, 15.7260, 1.3420

Conversions

Conversions Part 2

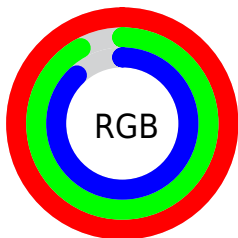
Format	Color
R _Y B	255, 239, 224
Decimal	16771808
CIE Lab	94.09, 5.51, 7.42
CIE LCh	94, 9.242, 53.391
Yxy	85.4875, 0.3335, 0.3390
Android (android.graphics.Color)	4294961888 (0xFFFFEAE0)
YUV	239.1390, -7.4635, 13.9101
Hunter-Lab	92.4595, 0.5910, 11.7615

Details

The XYZ color **84.1174, 85.4875, 82.5883** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **81.4421, 88.3697, 107.3723**, and the grayscale version is **82.2018, 86.4827, 94.1797**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **46.3705, 46.7111, 44.1083** is the 20% darker color. If you saturate the color by 10%, you get **76.2359, 74.8502, 64.1595**, and if you desaturate by 10%, it is **93.0008, 97.2980, 103.9121**.

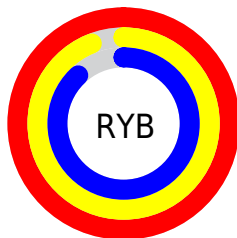
Distribution



Red (100%)

Green (92%)

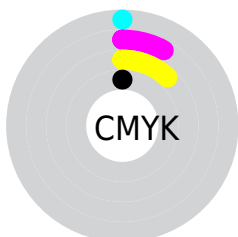
Blue (88%)



Red (100%)

Yellow (94%)

Blue (88%)

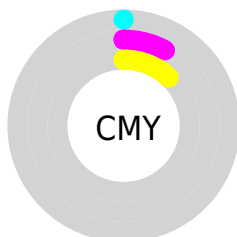


Cyan (0%)

Magenta (8%)

Yellow (12%)

Black (0%)



Cyan (0%)


Magenta (8%)


Yellow (12%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 84.1174, 85.4875, 82.5883 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 84.1174, 85.4875, 82.5883 by changing the saturation by 10% instead.


 84.1174, 85.4875,
82.5883

 84.1174, 85.4875,
82.5883


497.2308,
513.2398, 523.5484

 63.4324, 64.2443,
61.3119


138.0598,
141.0541, 138.8428

 46.4511, 46.8485,
44.0448


172.0479,
176.1462, 174.6579

 32.8080, 32.9159,
30.3683


211.2011,
216.6235, 216.1565

 22.1380, 22.0621,
19.8639

255.8847,
262.8702, 263.7569

 14.0755, 13.9025,
12.1130

306.4642,
315.2708, 317.8778

 8.2552, 8.0529,
6.6972

363.3048,

 4.3119, 4.1288,

374.2096, 378.9376

3.1979

426.7718,
440.0712, 447.3550

■ 1.8800, 1.7459,
1.1966

■ 0.5652, 0.4531,
0.0000

■ 84.1174, 85.4875,
82.5883

■ 84.1174, 85.4875,
82.5883

■ 76.2359, 74.8502,
64.1595

■ 93.0008, 97.2980,
103.9121

■ 69.3138, 65.3389,
48.4945

95.0500, 100.0000,
108.9000

■ 63.3141, 56.9186,
35.4600

■ 58.1947, 49.5488,
24.9096

■ 53.9105, 43.1858,
16.6821

■ 50.4114, 37.7831,
10.5974

■ 47.6414, 33.2895,
6.4481

■ 45.5351, 29.6481,
3.9846

■ 44.2799, 27.3399,
2.9433

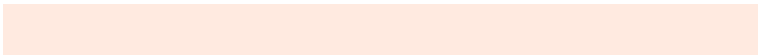
Harmonies

Analogous

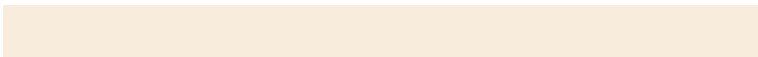
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



85.6889, 85.4875, 87.7872



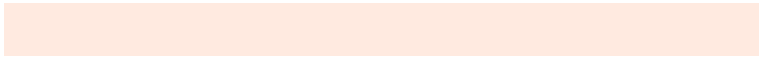
84.1174, 85.4875, 82.5883



81.8009, 85.4875, 80.2182

Triad

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



84.1174, 85.4875, 82.5883



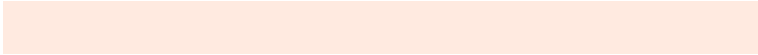
76.6281, 85.4875, 91.5254



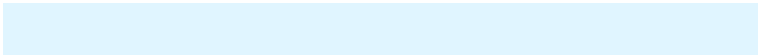
83.1527, 85.4875, 106.1261

Complementary

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



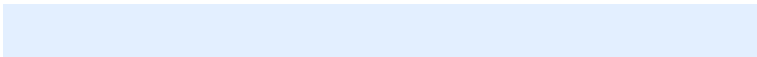
84.1174, 85.4875, 82.5883



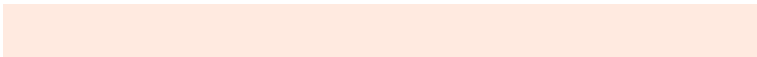
81.4421, 88.3697, 107.3723

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.



80.7082, 85.4875, 107.2510



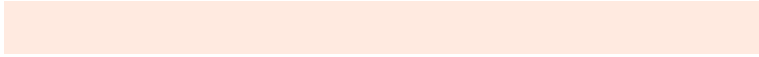
84.1174, 85.4875, 82.5883



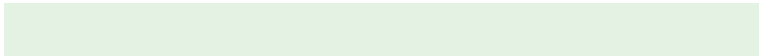
76.9735, 85.4875, 98.5842

Square

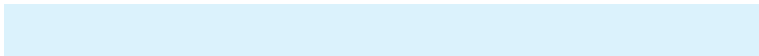
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



84.1174, 85.4875, 82.5883



77.5017, 85.4875, 85.2065



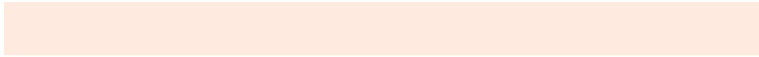
78.4550, 85.4875, 104.4275



85.1241, 85.4875, 101.4271

Rectangle

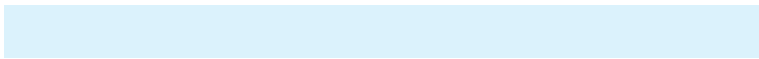
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



84.1174, 85.4875, 82.5883



80.1587, 85.4875, 80.4714



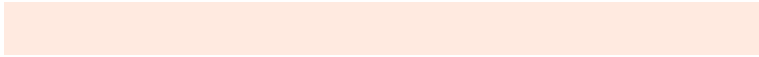
78.4550, 85.4875, 104.4275



82.3578, 85.4875, 106.9443

Sweetspot

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



84.1194, 85.4911, 82.5901



91.2866, 95.0317, 99.7578



84.4056, 81.1760, 97.7533



19.3915, 20.1453, 20.9958



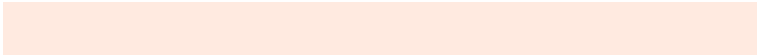
0.0000, 0.0000, 0.0000



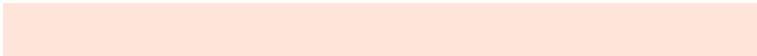
20.3446, 21.4041, 23.3091

Same Dimension

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



84.1194, 85.4911, 82.5901



81.7775, 82.3479, 77.0599



88.6685, 94.5894, 84.1065



18.4880, 18.9441, 18.8265



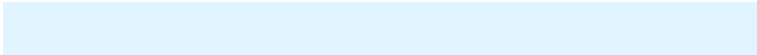
23.2565, 14.5242, 1.5777



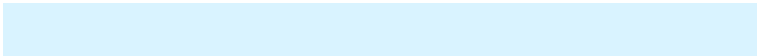
2.3585, 1.6025, 0.1850

Inverse Universe

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



81.4421, 88.3697, 107.3723



78.5385, 85.8284, 107.0349



77.0002, 79.4859, 105.8917



18.0317, 19.4349, 23.0509



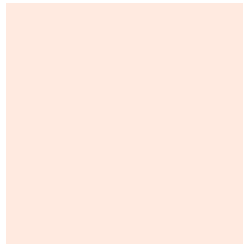
17.3512, 19.6119, 52.3056



1.7886, 2.1078, 5.1259

Previews

White Background



This preview shows how the XYZ color 84.1174, 85.4875, 82.5883 looks on a white background.

Color Contrast Check

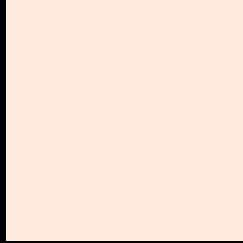
Large Text (above 18pt) WCAG AA × Fail

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 84.1174, 85.4875, 82.5883 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

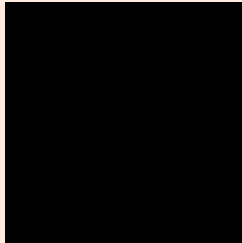
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 84.1174, 85.4875, 82.5883

Background



This preview shows how black text looks on a background with the XYZ color 84.1174, 85.4875, 82.5883.



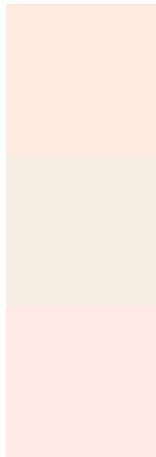
This preview shows how white text looks on a background with the XYZ color 84.1174, 85.4875,

82.5883.

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

84.1174, 85.4875, 82.5883

Protanopia

81.6678, 85.4718, 84.1449

Deuteranopia

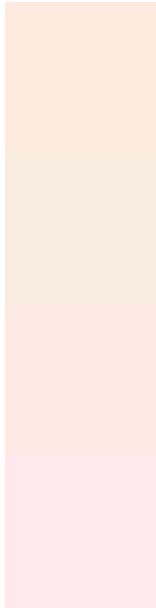
84.6618, 85.2510, 86.8558



Tritanopia

86.8851, 85.6886, 99.9559

Trichromacy



Original Color

84.1174, 85.4875, 82.5883

Protanomaly

82.6530, 85.5669, 83.3939

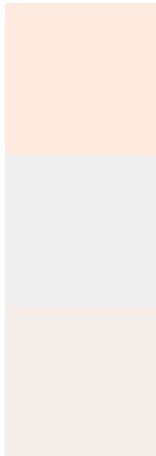
Deuteranomaly

84.3825, 85.1393, 85.3849

Tritanomaly

85.9589, 85.7698, 93.6861

Monochromacy



Original Color

84.1174, 85.4875, 82.5883

Achromatopsia

82.0431, 86.3157, 93.9978

Achromatomaly

82.7917, 85.9214, 90.0628

CSS Examples

Text

The CSS property to change the color of the text to XYZ 84.1174, 85.4875, 82.5883 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, 234, 224) looks like.

```
.text, #text, p{  
    color:rgb(255, 234, 224)  
}
```

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, 234, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 234, 224) }
```

Border

The CSS property to change the border of an element to XYZ 84.1174, 85.4875, 82.5883 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, 234, 224) }
```


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

```
.border{ border-color:rgb(255, 234, 224) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 234, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 234, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 234, 224);  
box-shadow:4px 4px 4px 4px rgb(255, 234,  
224) }
```

Background

The CSS property to change the background color of an element to XYZ 84.1174, 85.4875, 82.5883 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 234, 224) }
```

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

```
.background{ background-color: rgb(255,  
234, 224) }
```

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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