

Converting Colors

XYZ(114.0658, 100.0000,
88.0233)

Have a look what the booklet for
XYZ(114.0658, 100.0000, 88.0233)
contains.

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Color

**XYZ(84.3795, 84.6864,
86.7617)**

Conversions

Conversions Part 1

Format	Color
Hex	FFE8E6
RGB	255, 232, 230
RGB Percent	100%, 91%, 90%
CMY	0.0000, 0.0902, 0.0980
CMYK	0.00, 0.09, 0.10, 0.00
HSL	5°, 100%, 95%
HSV	5°, 10%, 100%
XYZ	84.3795, 84.6864, 86.7617
YIQ	238.6490, 14.3500, 4.2540

Conversions

Conversions Part 2

Format	Color
R _Y B	255, 232, 230
Decimal	16771302
CIE Lab	93.75, 7.50, 3.80
CIE LCh	94, 8.405, 26.893
Yxy	84.6864, 0.3298, 0.3310
Android (android.graphics.Color)	4294961382 (0xFFFFE8E6)
YUV	238.6490, -4.2640, 14.3398
Hunter-Lab	92.0252, 2.6256, 8.5188

Details

The XYZ color **84.3795, 84.6864, 86.7617** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **85.8075, 94.2909, 108.2852**, and the grayscale version is **81.7972, 86.0571, 93.7161**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **46.5519, 46.1516, 47.0120** is the 20% darker color. If you saturate the color by 10%, you get **74.8898, 71.0246, 67.2047**, and if you desaturate by 10%, it is **95.0500, 100.0000, 108.9000**.

Distribution



Red (100%)

Green (91%)

Blue (90%)



Red (100%)

Yellow (91%)

Blue (90%)



Cyan (0%)

Magenta (9%)

Yellow (10%)

Black (0%)



Cyan (0%)


Magenta (9%)


Yellow (10%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 84.3795, 84.6864, 86.7617 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 84.3795, 84.6864, 86.7617 by changing the saturation by 10% instead.


 84.3795, 84.6864,
86.7617

 84.3795, 84.6864,
86.7617


498.0873,
510.5898, 537.7354

 63.6496, 63.5823,
64.7395


138.4244,
139.9349, 144.7279

 46.6275, 46.3124,
46.7999


172.4701,
174.8482, 181.5090

 32.9480, 32.4924,
32.5243


211.6852,
215.1332, 224.0468

 22.2457, 21.7379,
21.4941

256.4348,
261.1745, 272.7598

 14.1551, 13.6644,
13.2909

307.0845,
313.3564, 328.0667

 8.3111, 7.8877,
7.4961

363.9996,

 4.3481, 4.0231,

372.0633, 390.3858

3.6911

427.5454,
437.6797, 460.1359

■ 1.9009, 1.6865,
1.4575

■ 0.5774, 0.4149,
0.1859

■ 84.3795, 84.6864,
86.7617

■ 84.3795, 84.6864,
86.7617

■ 74.8898, 71.0246,
67.2047

95.0500, 100.0000,
108.9000

■ 66.7458, 59.2527,
50.5677

■ 59.8884, 49.2907,
36.7122

■ 54.2515, 41.0487,
25.4865

■ 49.7632, 34.4293,
16.7239

■ 46.3442, 29.3251,
10.2392

■ 43.9049, 25.6159,
5.8206

■ 42.3408, 23.1632,
3.2167

■ 41.5092, 21.7941,
2.0333

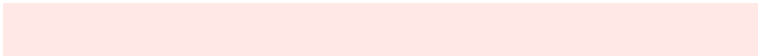
Harmonies

Analogous

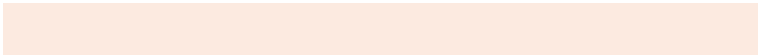
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



84.8527, 84.6864, 92.8767



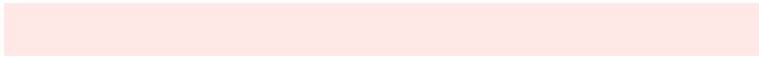
84.3795, 84.6864, 86.7617



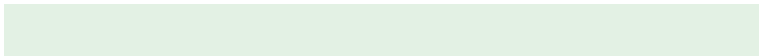
82.8583, 84.6864, 82.2941

Triad

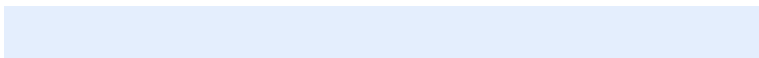
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



84.3795, 84.6864, 86.7617



76.9510, 84.6864, 85.6588



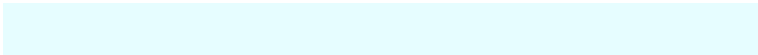
80.2596, 84.6864, 105.0316

Complementary

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



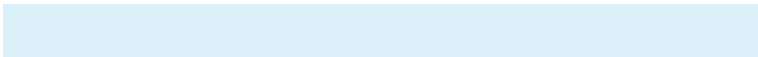
84.3795, 84.6864, 86.7617



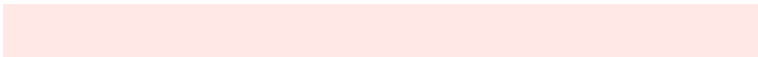
85.8075, 94.2909, 108.2852

Split Complementary

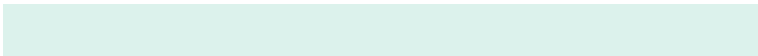
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



78.1710, 84.6864, 102.8901



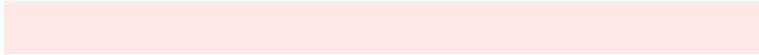
84.3795, 84.6864, 86.7617



76.2831, 84.6864, 91.5447

Square

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



84.3795, 84.6864, 86.7617



78.5666, 84.6864, 81.6783



76.7255, 84.6864, 97.8799



82.4483, 84.6864, 103.6083

Rectangle

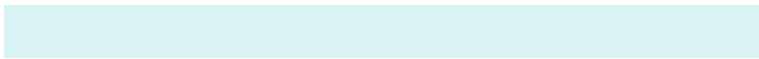
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



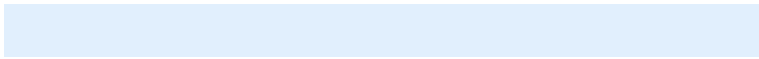
84.3795, 84.6864, 86.7617



81.4688, 84.6864, 80.7513



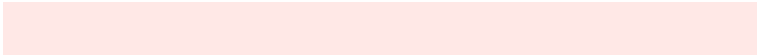
76.7255, 84.6864, 97.8799



79.5228, 84.6864, 104.7025

Sweetspot

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



84.3815, 84.6899, 86.7635



91.6387, 95.1094, 101.8072



87.3201, 84.9676, 105.0054



19.4240, 20.0842, 21.3954



0.0000, 0.0000, 0.0000



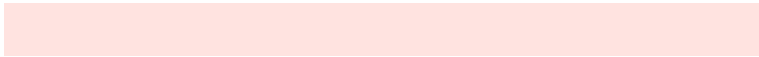
20.3446, 21.4041, 23.3091

Same Dimension

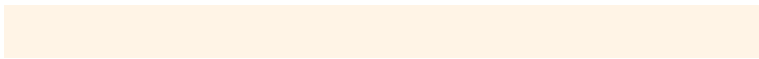
The Same Dimension uses a secret algorithm to generate beautiful new colors.



84.3815, 84.6899, 86.7635



82.1780, 81.5217, 82.2098



87.9242, 91.7754, 87.9444



18.1264, 18.2209, 18.7060



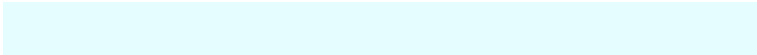
21.7244, 11.4600, 1.0670



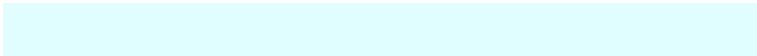
2.1536, 1.1926, 0.1167

Inverse Universe

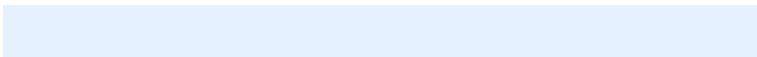
The Inverse Universe completely reimagines the original color for something new.



85.8075, 94.2909, 108.2852



83.8968, 93.0957, 108.1552



82.0899, 86.8558, 107.0460



18.4229, 20.2174, 23.1813



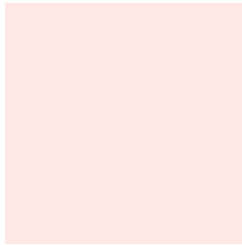
24.9400, 34.7896, 54.8352



2.4637, 3.4582, 5.3509

Previews

White Background



This preview shows how the XYZ color 84.3795, 84.6864, 86.7617 looks on a white background.

Color Contrast Check

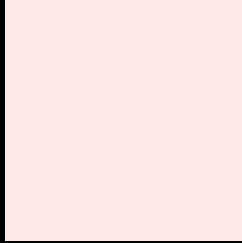
Large Text (above 18pt) WCAG AA × Fail

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 84.3795, 84.6864, 86.7617 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

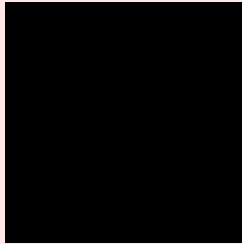
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

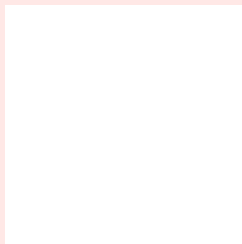
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 84.3795, 84.6864, 86.7617

Background



This preview shows how black text looks on a background with the XYZ color 84.3795, 84.6864, 86.7617.



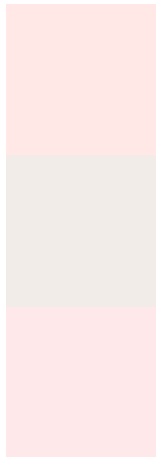
This preview shows how white text looks on a background with the XYZ color 84.3795, 84.6864,

86.7617.

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

84.3795, 84.6864, 86.7617

Protanopia

81.1789, 84.6943, 88.4130

Deuteranopia

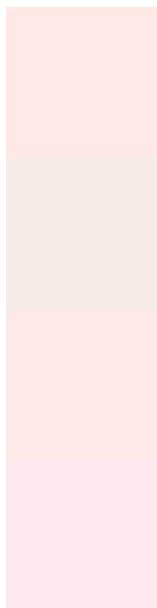
84.8046, 84.8564, 89.0000



Tritanopia

86.1714, 84.5074, 98.9586

Trichromacy



Original Color

84.3795, 84.6864, 86.7617

Protanomaly

82.4899, 84.9603, 87.6526

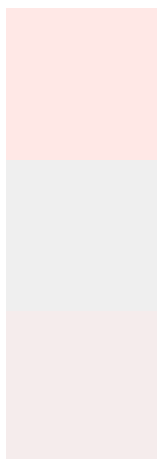
Deuteranomaly

84.6621, 84.7994, 88.2497

Tritanomaly

85.5441, 84.7031, 94.2787

Monochromacy



Original Color

84.3795, 84.6864, 86.7617

Achromatopsia

82.0431, 86.3157, 93.9978

Achromatomaly

82.7920, 85.4595, 91.4886

CSS Examples

Text

The CSS property to change the color of the text to XYZ 84.3795, 84.6864, 86.7617 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, 232, 230) looks like.

```
.text, #text, p{  
    color:rgb(255, 232, 230)  
}
```

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, 232, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 232, 230) }
```

Border

The CSS property to change the border of an element to XYZ 84.3795, 84.6864, 86.7617 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, 232, 230) }
```


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

```
.border{ border-color:rgb(255, 232, 230) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 232, 230)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 232, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 232, 230);  
box-shadow:4px 4px 4px 4px rgb(255, 232,  
230) }
```

Background

The CSS property to change the background color of an element to XYZ 84.3795, 84.6864, 86.7617 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 232, 230) }
```

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

```
.background{ background-color: rgb(255,  
232, 230) }
```

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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