

Converting Colors

XYZ(84.3446, 86.3263, 88.5611)

Have a look what the booklet for
XYZ(84.3446, 86.3263, 88.5611)
contains.

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Color

**XYZ(84.3446, 86.3263,
88.5611)**

Conversions

Conversions Part 1

Format	Color
Hex	FBECE8
RGB	251, 236, 232
RGB Percent	98%, 93%, 91%
CMY	0.0157, 0.0745, 0.0902
CMYK	0.00, 0.06, 0.08, 0.02
HSL	13°, 70%, 95%
HSV	13°, 8%, 98%
XYZ	84.3446, 86.3263, 88.5611
YIQ	240.0290, 10.2240, 1.9360

Conversions

Conversions Part 2

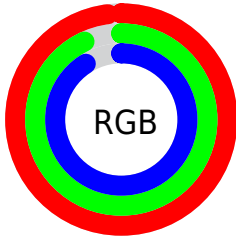
Format	Color
R _Y B	251, 237, 232
Decimal	16510184
CIE Lab	94.45, 4.40, 3.74
CIE LCh	94, 5.774, 40.408
Yxy	86.3263, 0.3254, 0.3330
Android (android.graphics.Color)	4294700264 (0xFFFFBECE8)
YUV	240.0290, -3.9583, 9.6216
Hunter-Lab	92.9119, -0.5553, 8.5248

Details

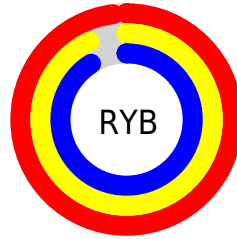
The XYZ color **84.3446, 86.3263, 88.5611** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **83.9519, 90.6409, 104.3386**, and the grayscale version is **82.8736, 87.1895, 94.9493**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **46.4059, 47.2464, 47.7479** is the 20% darker color. If you saturate the color by 10%, you get **75.6406, 74.2218, 69.3079**, and if you desaturate by 10%, it is **93.5941, 99.2495, 108.8319**.

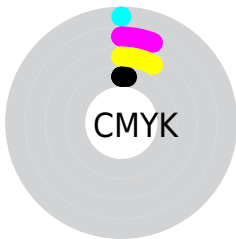
Distribution



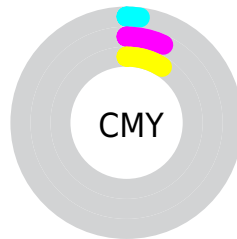
- Red (98%)
- Green (93%)
- Blue (91%)



- Red (98%)
- Yellow (93%)
- Blue (91%)



- Cyan (0%)
- Magenta (6%)
- Yellow (8%)
- Black (2%)





- Cyan (2%)
- Magenta (7%)
- Yellow (9%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 84.3446, 86.3263, 88.5611 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 84.3446, 86.3263, 88.5611 by changing the saturation by 10% instead.


 84.3446, 86.3263,
88.5611

 84.3446, 86.3263,
88.5611


497.9733,
516.0065, 543.7878

 63.6207, 64.9378,
66.2209


138.3759,
142.2247, 147.2561

 46.6040, 47.4107,
47.9941


172.4139,
177.5035, 184.4479

 32.9294, 33.3604,
33.4623


211.6207,
218.1812, 227.4274

 22.2313, 22.4027,
22.2068

256.3616,
264.6421, 276.6130

 14.1445, 14.1531,
13.8092

307.0019,
317.2707, 332.4233

 8.3036, 8.2272,
7.8508

363.9071,

 4.3433, 4.2407,

376.4514, 395.2768

3.9132

427.4424,
442.5685, 465.5922

■ 1.8981, 1.8091,
1.5779

■ 0.5757, 0.4928,
0.2750

■ 84.3446, 86.3263,
88.5611

■ 84.3446, 86.3263,
88.5611

■ 75.6406, 74.2218,
69.3079

■ 93.5941, 99.2495,
108.8319

■ 68.0341, 63.5327,
52.8257

■ 61.4829, 54.2105,
38.9879

■ 55.9391, 46.1992,
27.6560

■ 51.3511, 39.4392,
18.6787

■ 47.6626, 33.8660,
11.8883

■ 44.8110, 29.4094,
7.0948

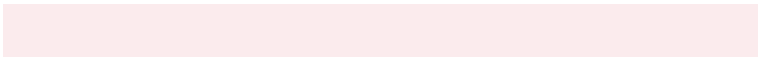
■ 42.7249, 25.9910,
4.0751

■ 41.3163, 23.5203,
2.5374

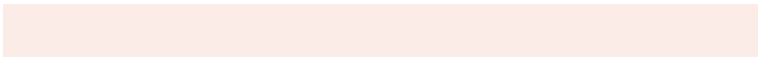
Harmonies

Analogous

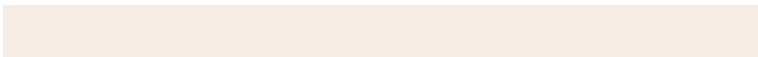
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



85.0217, 86.3263, 92.4586



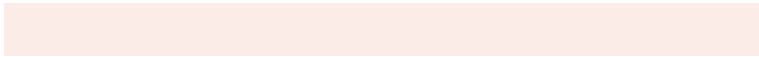
84.3446, 86.3263, 88.5611



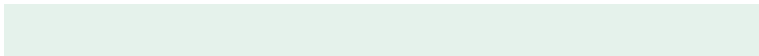
83.0556, 86.3263, 86.1684

Triad

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



84.3446, 86.3263, 88.5611



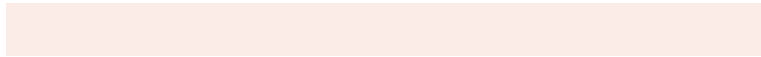
79.2703, 86.3263, 91.1571



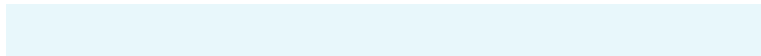
82.5910, 86.3263, 102.6563

Complementary

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



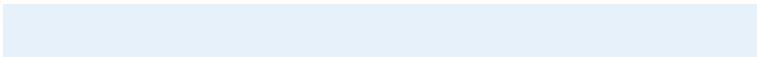
84.3446, 86.3263, 88.5611



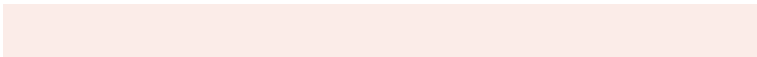
83.9519, 90.6409, 104.3386

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.



81.0537, 86.3263, 102.2810



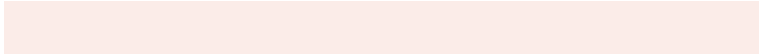
84.3446, 86.3263, 88.5611



79.1495, 86.3263, 95.5476

Square

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



84.3446, 86.3263, 88.5611



80.1307, 86.3263, 87.6341



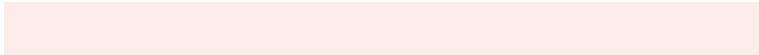
79.7985, 86.3263, 99.6461



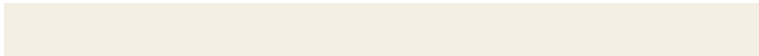
84.0008, 86.3263, 100.6558

Rectangle

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



84.3446, 86.3263, 88.5611



82.0293, 86.3263, 85.7023



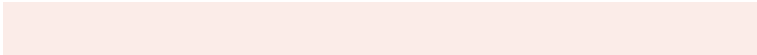
79.7985, 86.3263, 99.6461



82.0718, 86.3263, 102.8053

Sweetspot

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



84.3470, 86.3301, 88.5630



92.9690, 97.1345, 104.2091



85.4608, 84.9515, 100.0517



19.9210, 20.8209, 22.3542



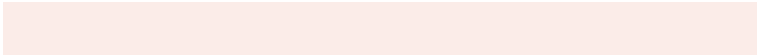
0.0000, 0.0000, 0.0000



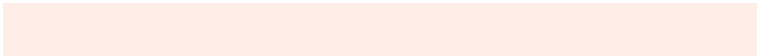
20.3446, 21.4041, 23.3091

Same Dimension

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



84.3470, 86.3301, 88.5630



86.0640, 87.5919, 88.7520



87.0935, 91.8231, 89.4785



17.5410, 17.8179, 17.9771



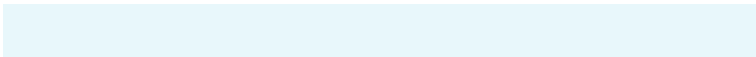
21.6630, 12.2826, 1.2290



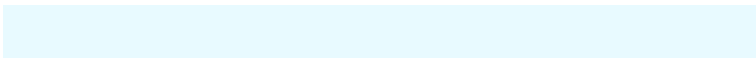
2.0794, 1.2837, 0.1382

Inverse Universe

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



83.9519, 90.6409, 104.3386



85.5813, 92.8568, 108.0203



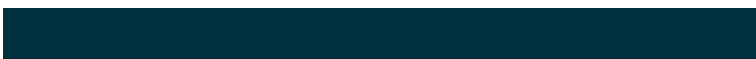
81.1797, 85.0966, 103.4145



17.4371, 18.9510, 22.1242



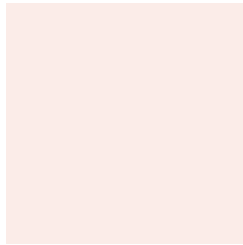
19.8892, 25.1340, 51.7766



1.9170, 2.4777, 4.8204

Previews

White Background



This preview shows how the XYZ color 84.3446, 86.3263, 88.5611 looks on a white background.

Color Contrast Check

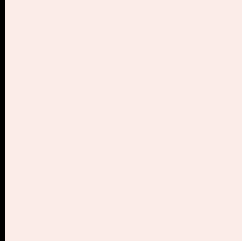
Large Text (above 18pt) WCAG AA × Fail

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 84.3446, 86.3263, 88.5611 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

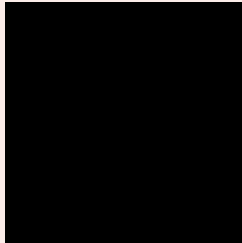
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 84.3446, 86.3263, 88.5611

Background



This preview shows how black text looks on a background with the XYZ color 84.3446, 86.3263, 88.5611.



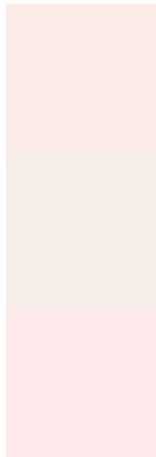
This preview shows how white text looks on a background with the XYZ color 84.3446, 86.3263,

88.5611.

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

84.3446, 86.3263, 88.5611

Protanopia

82.9387, 86.4447, 89.4050

Deuteranopia

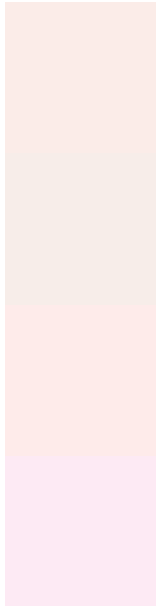
85.6582, 86.1038, 90.7023



Tritanopia

87.4246, 86.3137, 103.3192

Trichromacy



Original Color

84.3446, 86.3263, 88.5611

Protanomaly

83.3499, 86.2257, 89.3410

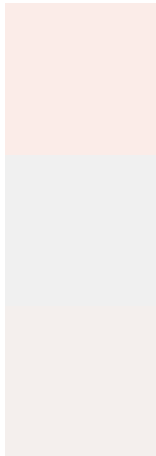
Deuteranomaly

85.4327, 86.4280, 90.0214

Tritanomaly

86.2600, 86.2599, 97.6914

Monochromacy



Original Color

84.3446, 86.3263, 88.5611

Achromatopsia

82.8234, 87.1367, 94.8919

Achromatomaly

83.4608, 87.0805, 92.5301

CSS Examples

Text

The CSS property to change the color of the text to XYZ 84.3446, 86.3263, 88.5611 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(251, 236, 232) looks like.

```
.text, #text, p{  
    color:rgb(251, 236, 232)  
}
```

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(251, 236, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 236, 232) }
```

Border

The CSS property to change the border of an element to XYZ 84.3446, 86.3263, 88.5611 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(251, 236, 232) }
```


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

```
.border{ border-color:rgb(251, 236, 232) }
```

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

Here you see how a box with a 4 pixel rgb(251, 236, 232) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 236, 232); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 236, 232);  
box-shadow:4px 4px 4px 4px rgb(251, 236,  
232) }
```

Background

The CSS property to change the background color of an element to XYZ 84.3446, 86.3263, 88.5611 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 236, 232) }
```

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

```
.background{ background-color: rgb(251,  
236, 232) }
```

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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