

Converting Colors

XYZ(84.0005, 86.4594, 88.4680)

Have a look what the booklet for
XYZ(84.0005, 86.4594, 88.4680)
contains.

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Color

**XYZ(84.2740, 86.7186,
88.6406)**

Conversions

Conversions Part 1

Format	Color
Hex	FAEDE8
RGB	250, 237, 232
RGB Percent	98%, 93%, 91%
CMY	0.0196, 0.0706, 0.0902
CMYK	0.00, 0.05, 0.07, 0.02
HSL	17°, 64%, 95%
HSV	17°, 7%, 98%
XYZ	84.2740, 86.7186, 88.6406
YIQ	240.3170, 9.3530, 1.2010

Conversions

Conversions Part 2

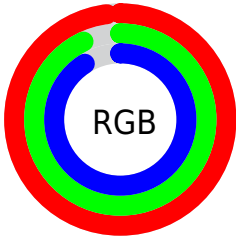
Format	Color
R _Y B	250, 239, 232
Decimal	16444904
CIE Lab	94.62, 3.54, 3.97
CIE LCh	95, 5.324, 48.295
Yxy	86.7186, 0.3246, 0.3340
Android (android.graphics.Color)	4294634984 (0xFFFAEDE8)
YUV	240.3170, -4.1003, 8.4920
Hunter-Lab	93.1228, -1.4266, 8.7497

Details

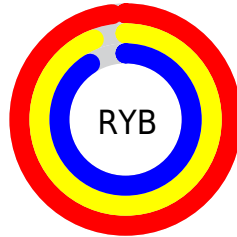
The XYZ color **84.2740, 86.7186, 88.6406** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **83.1862, 89.3611, 103.3074**, and the grayscale version is **83.1008, 87.4285, 95.2097**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **46.3527, 47.5198, 47.8035** is the 20% darker color. If you saturate the color by 10%, you get **76.0077, 75.4697, 69.5936**, and if you desaturate by 10%, it is **93.2347, 99.0642, 108.8150**.

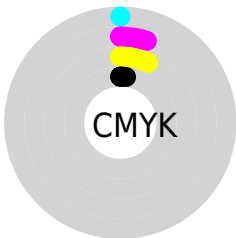
Distribution



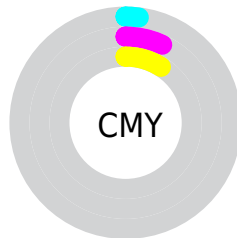
- Red (98%)
- Green (93%)
- Blue (91%)



- Red (98%)
- Yellow (94%)
- Blue (91%)



- Cyan (0%)
- Magenta (5%)
- Yellow (7%)
- Black (2%)




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

Brightness & Saturation Gradients


These gradients show how the XYZ color 84.2740, 86.7186, 88.6406 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 84.2740, 86.7186, 88.6406 by changing the saturation by 10% instead.


 84.2740, 86.7186,
88.6406

 84.2740, 86.7186,
88.6406

497.7426,
517.2977, 544.0544

 63.5622, 65.2624,
66.2864


138.2777,
142.7719, 147.3676

 46.5565, 47.6738,
48.0470


172.3002,
178.1377, 184.5776

 32.8917, 33.5687,
33.5038


211.4903,
218.9088, 227.5764

 22.2023, 22.5624,
22.2384

256.2135,
265.4696, 276.7828

 14.1231, 14.2708,
13.8322

306.8349,
318.2045, 332.6153

 8.2886, 8.3092,
7.8666

363.7200,

 4.3335, 4.2934,

377.4979, 395.4923

3.9232

427.2341,
443.7342, 465.8325

■ 1.8925, 1.8390,
1.5833

■ 0.5725, 0.5113,
0.2789

■ 84.2740, 86.7186,
88.6406

■ 84.2740, 86.7186,
88.6406

■ 76.0077, 75.4697,
69.5936

■ 93.2347, 99.0642,
108.8150

■ 68.7335, 65.4318,
53.2637

■ 62.4149, 56.5670,
39.5278

■ 57.0104, 48.8315,
28.2509

■ 52.4750, 42.1785,
19.2858

■ 48.7599, 36.5577,
12.4693

■ 45.8108, 31.9146,
7.6167

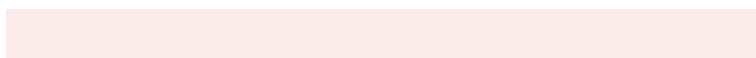
■ 43.5658, 28.1892,
4.5114

■ 41.9496, 25.3125,
2.8758

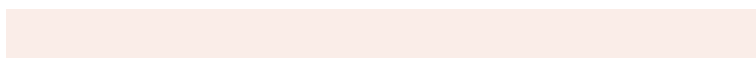
Harmonies

Analogous

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



85.0728, 86.7186, 91.9614



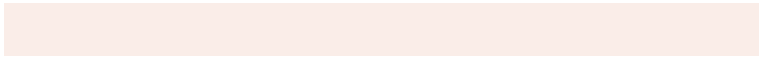
84.2740, 86.7186, 88.6406



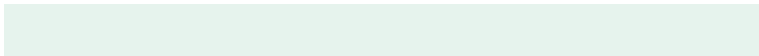
82.9848, 86.7186, 86.8887

Triad

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



84.2740, 86.7186, 88.6406



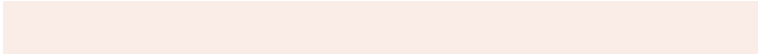
79.7493, 86.7186, 92.8267



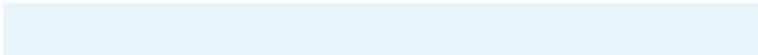
83.2932, 86.7186, 102.1302

Complementary

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



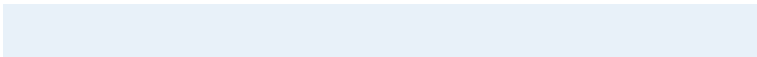
84.2740, 86.7186, 88.6406



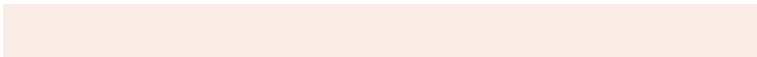
83.1862, 89.3611, 103.3074

Split Complementary

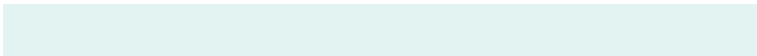
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



81.8645, 86.7186, 102.3782



84.2740, 86.7186, 88.6406



79.8297, 86.7186, 96.9257

Square

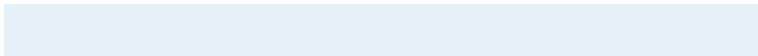
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



84.2740, 86.7186, 88.6406



80.3793, 86.7186, 89.2582



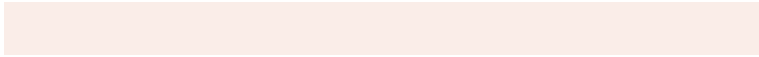
80.6001, 86.7186, 100.4491



84.5020, 86.7186, 99.7808

Rectangle

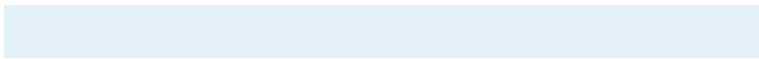
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



84.2740, 86.7186, 88.6406



82.0258, 86.7186, 86.8114



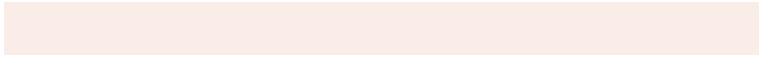
80.6001, 86.7186, 100.4491



82.8224, 86.7186, 102.4645

Sweetspot

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



84.2764, 86.7224, 88.6425



93.0762, 97.3490, 104.2449



84.7940, 84.6433, 98.4160



19.9429, 20.8645, 22.3615



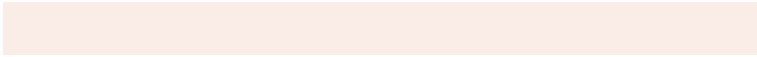
0.0000, 0.0000, 0.0000



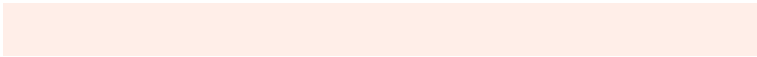
20.3446, 21.4041, 23.3091

Same Dimension

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



84.2764, 86.7224, 88.6425



86.5127, 88.4893, 88.9016



86.8858, 91.9412, 89.5123



17.6374, 18.0106, 18.0092



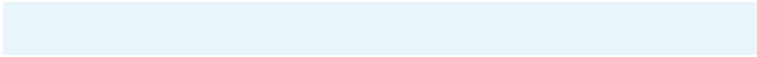
22.1607, 13.2781, 1.3949



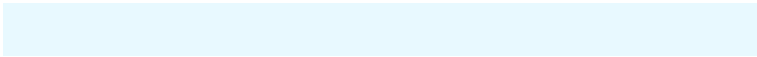
2.1375, 1.3998, 0.1575

Inverse Universe

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



83.1862, 89.3611, 103.3074



85.1030, 91.9004, 107.8609



80.5883, 84.1653, 102.4415



17.3340, 18.7448, 22.0898



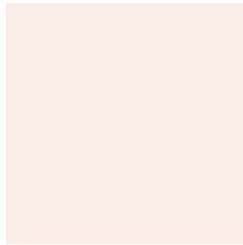
17.9902, 21.3359, 51.1436



1.7553, 2.1542, 4.7665

Previews

White Background



This preview shows how the XYZ color 84.2740, 86.7186, 88.6406 looks on a white background.

Color Contrast Check

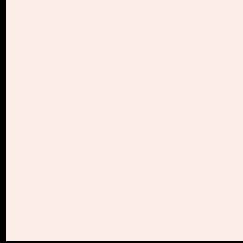
Large Text (above 18pt) WCAG AA × Fail

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 84.2740, 86.7186, 88.6406 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

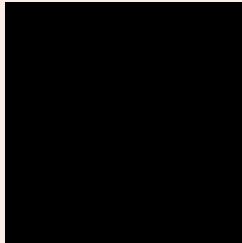
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

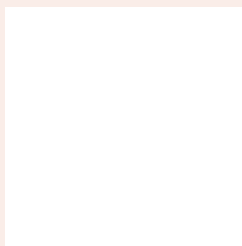
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 84.2740, 86.7186, 88.6406

Background



This preview shows how black text looks on a background with the XYZ color 84.2740, 86.7186, 88.6406.



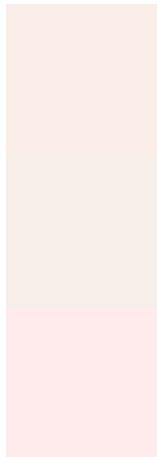
This preview shows how white text looks on a background with the XYZ color 84.2740, 86.7186,

88.6406.

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

84.2740, 86.7186, 88.6406

Protanopia

82.9387, 86.4447, 89.4050

Deuteranopia

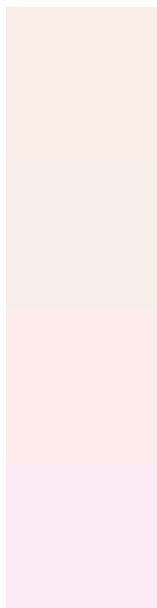
86.0887, 86.7328, 91.5606



Tritanopia

87.5015, 86.7566, 104.2293

Trichromacy



Original Color

84.2740, 86.7186, 88.6406

Protanomaly

83.6403, 86.8064, 89.4378

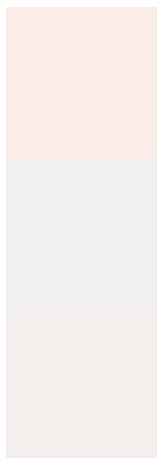
Deuteranomaly

85.4989, 86.8717, 90.8589

Tritanomaly

86.3346, 86.7047, 98.5716

Monochromacy



Original Color

84.2740, 86.7186, 88.6406

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 84.2740, 86.7186, 88.6406 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(250, 237, 232) looks like.

```
.text, #text, p{  
    color:rgb(250, 237, 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(250, 237, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 237, 232) }
```

Border

The CSS property to change the border of an element to XYZ 84.2740, 86.7186, 88.6406 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(250, 237, 232) }
```


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

```
.border{ border-color:rgb(250, 237, 232) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 237, 232)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 237, 232); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 237, 232);  
box-shadow:4px 4px 4px 4px rgb(250, 237,  
232) }
```

Background

The CSS property to change the background color of an element to XYZ 84.2740, 86.7186, 88.6406 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 237, 232) }
```

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

```
.background{ background-color: rgb(250,  
237, 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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