

Converting Colors

XYZ(83.8765, 86.8465, 93.2354)

Have a look what the booklet for
XYZ(83.8765, 86.8465, 93.2354)
contains.

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Color

**XYZ(84.0132, 86.9149,
93.2372)**

Conversions

Conversions Part 1

Format	Color
Hex	F6EEEE
RGB	246, 238, 238
RGB Percent	96%, 93%, 93%
CMY	0.0353, 0.0666, 0.0667
CMYK	0.00, 0.03, 0.03, 0.04
HSL	0°, 31%, 95%
HSV	0°, 3%, 96%
XYZ	84.0132, 86.9149, 93.2372
YIQ	240.3920, 4.7680, 1.6960

Conversions

Conversions Part 2

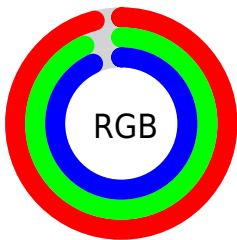
Format	Color
R _Y B	246, 238, 238
Decimal	16183022
CIE Lab	94.70, 2.69, 0.94
CIE LCh	95, 2.848, 19.375
Yxy	86.9149, 0.3180, 0.3290
Android (android.graphics.Color)	4294373102 (0xFF6EEEEE)
YUV	240.3920, -1.1793, 4.9182
Hunter-Lab	93.2282, -2.2928, 5.9640

Details

The XYZ color **84.0132, 86.9149, 93.2372** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **84.8503, 90.7414, 100.2328**, and the grayscale version is **83.1400, 87.4697, 95.2545**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **46.4067, 47.7804, 51.0326** is the 20% darker color. If you saturate the color by 10%, you get **73.9674, 72.2167, 73.2590**, and if you desaturate by 10%, it is **91.8166, 98.3331, 108.7487**.

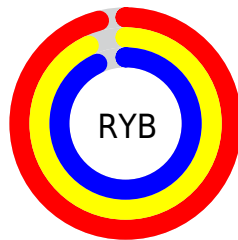
Distribution



Red (96%)

Green (93%)

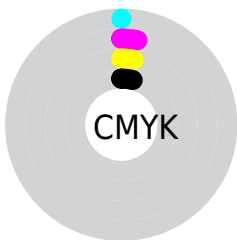
Blue (93%)



Red (96%)

Yellow (93%)

Blue (93%)

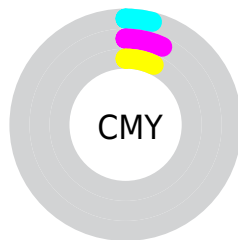


Cyan (0%)

Magenta (3%)

Yellow (3%)

Black (4%)



Cyan (4%)

Magenta (7%)

Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 84.0132, 86.9149, 93.2372 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 84.0132, 86.9149, 93.2372 by changing the saturation by 10% instead.

84.0132, 86.9149,
93.2372

84.0132, 86.9149,
93.2372

496.8901,
517.9432, 559.3456

63.3461, 65.4248,
70.0799

137.9148,
143.0455, 153.8015

46.3809, 47.8056,
51.1145

171.8800,
178.4548, 192.0456

32.7524, 33.6730,
35.9224

211.0086,
219.2726, 236.1557

22.0952, 22.6425,
24.0850

255.6660,
265.8833, 286.5504

14.0438, 14.3297,
15.1839

306.2174,
318.6714, 343.6482

8.2331, 8.3504,
8.8005

363.0284,

4.2975, 4.3199,

378.0211, 407.8676

4.5163

426.4641,
444.3169, 479.6272

■ 1.8718, 1.8541,
1.9126

■ 0.5604, 0.5206,
0.5007

■ 84.0132, 86.9149,
93.2372

■ 84.0132, 86.9149,
93.2372

■ 73.9674, 72.2167,
73.2590

■ 91.8166, 98.3331,
108.7487

■ 65.3315, 59.5809,
56.0881

■ 58.0446, 48.9186,
41.6003

■ 52.0386, 40.1303,
29.6602

■ 47.2396, 33.1078,
20.1206

■ 43.5659, 27.7317,
12.8191

■ 40.9260, 23.8679,
7.5734

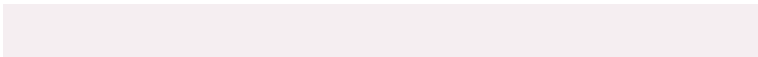
■ 39.2138, 21.3616,
4.1726

■ 38.3007, 20.0245,
2.3605

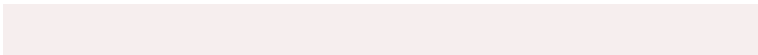
Harmonies

Analogous

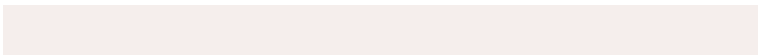
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



84.0723, 86.9149, 95.4187



84.0132, 86.9149, 93.2372



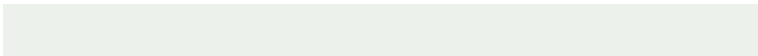
83.5768, 86.9149, 91.4567

Triad

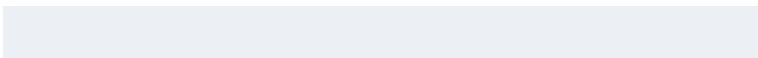
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



84.0132, 86.9149, 93.2372



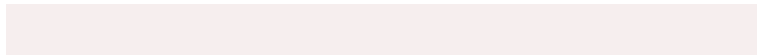
81.4925, 86.9149, 91.9042



82.3376, 86.9149, 98.8603

Complementary

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



84.0132, 86.9149, 93.2372



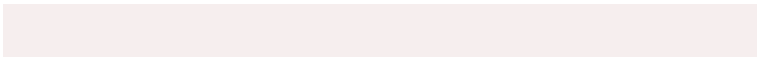
84.8503, 90.7414, 100.2328

Split Complementary

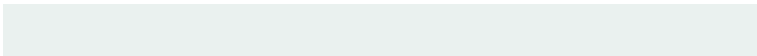
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



81.6507, 86.9149, 97.8872



84.0132, 86.9149, 93.2372



81.1648, 86.9149, 93.8567

Square

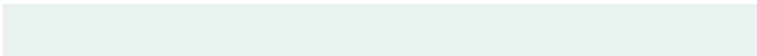
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



84.0132, 86.9149, 93.2372



82.1203, 86.9149, 90.6954



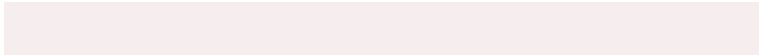
81.2225, 86.9149, 96.0478



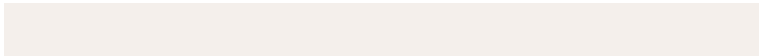
83.1017, 86.9149, 98.6882

Rectangle

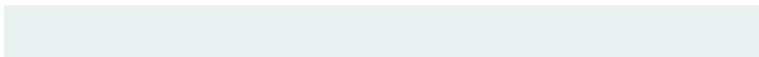
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



84.0132, 86.9149, 93.2372



83.1321, 86.9149, 90.7262



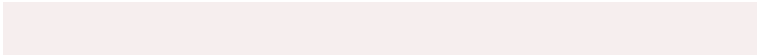
81.2225, 86.9149, 96.0478



82.0901, 86.9149, 98.6557

Sweetspot

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



84.0157, 86.9187, 93.2391



93.8344, 98.2214, 106.4828



85.2164, 87.3971, 99.5680



20.0972, 21.0422, 22.8172



0.0000, 0.0000, 0.0000



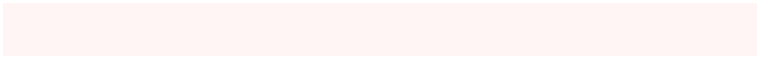
20.3446, 21.4041, 23.3091

Same Dimension

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



84.0157, 86.9187, 93.2391



90.2844, 93.0274, 99.4238



85.1921, 89.2715, 93.6312



17.5296, 17.9905, 19.1571



20.2872, 10.4600, 0.9497



1.7833, 0.9198, 0.0835

Inverse Universe

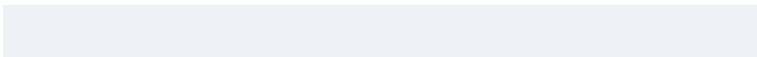
The Inverse Universe completely reimagines the original color for something new.



84.8503, 90.7414, 100.2328



91.3948, 98.1132, 108.7285



83.6479, 88.3366, 99.8320



17.7858, 19.1640, 21.3042



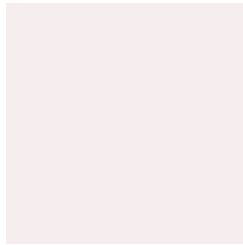
26.4495, 38.6927, 52.6124



2.3249, 3.4012, 4.6242

Previews

White Background



This preview shows how the XYZ color 84.0132, 86.9149, 93.2372 looks on a white background.

Color Contrast Check

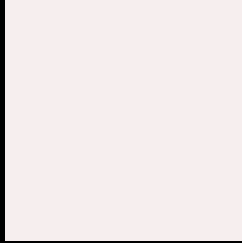
Large Text (above 18pt) WCAG AA × Fail

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 84.0132, 86.9149, 93.2372 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

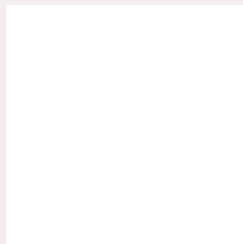
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 84.0132, 86.9149, 93.2372

Background



This preview shows how black text looks on a background with the XYZ color 84.0132, 86.9149, 93.2372.



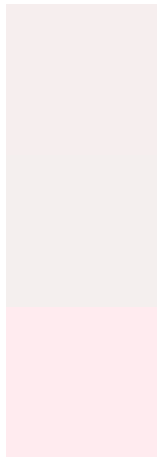
This preview shows how white text looks on a background with the XYZ color 84.0132, 86.9149,

93.2372.

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

84.0132, 86.9149, 93.2372

Protanopia

83.6073, 87.1391, 93.3019

Deuteranopia

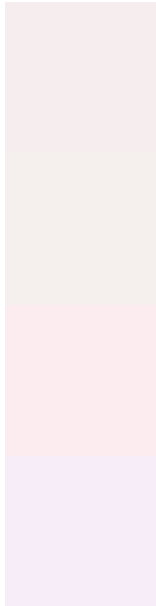
86.5283, 86.9087, 93.8759



Tritanopia

86.5962, 87.1031, 106.0144

Trichromacy



Original Color

84.0132, 86.9149, 93.2372

Protanomaly

83.9553, 87.3185, 93.3182

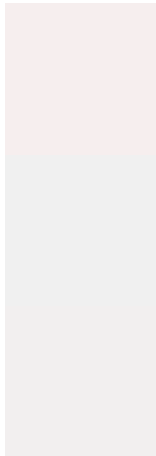
Deuteranomaly

85.7203, 86.9183, 93.9203

Tritanomaly

85.5852, 87.1198, 101.1119

Monochromacy



Original Color

84.0132, 86.9149, 93.2372

Achromatopsia

82.8234, 87.1367, 94.8919

Achromatomaly

83.0644, 86.8422, 94.0456

CSS Examples

Text

The CSS property to change the color of the text to XYZ 84.0132, 86.9149, 93.2372 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(246, 238, 238) looks like.

```
.text, #text, p{  
    color:rgb(246, 238, 238)  
}
```

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(246, 238, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 238, 238) }
```

Border

The CSS property to change the border of an element to XYZ 84.0132, 86.9149, 93.2372 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(246, 238, 238) }
```


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

```
.border{ border-color:rgb(246, 238, 238) }
```

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

Here you see how a box with a 4 pixel `rgb(246, 238, 238)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 238, 238); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 238, 238);  
box-shadow:4px 4px 4px 4px rgb(246, 238,  
238) }
```

Background

The CSS property to change the background color of an element to XYZ 84.0132, 86.9149, 93.2372 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 238, 238) }
```

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

```
.background{ background-color: rgb(246,  
238, 238) }
```

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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