

Converting Colors

XYZ(85.0088, 87.1057, 93.2974)

Have a look what the booklet for
XYZ(85.0088, 87.1057, 93.2974)
contains.

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Color

**XYZ(84.7837, 86.8812,
93.1901)**

Conversions

Conversions Part 1

Format	Color
Hex	F9EDEE
RGB	249, 237, 238
RGB Percent	98%, 93%, 93%
CMY	0.0235, 0.0706, 0.0667
CMYK	0.00, 0.05, 0.04, 0.02
HSL	355°, 50%, 95%
HSV	355°, 5%, 98%
XYZ	84.7837, 86.8812, 93.1901
YIQ	240.7020, 6.8310, 2.8550

Conversions

Conversions Part 2

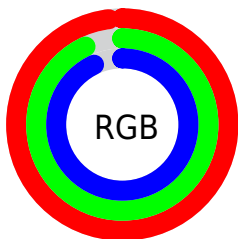
Format	Color
R _Y B	249, 237, 238
Decimal	16379374
CIE Lab	94.69, 4.21, 0.95
CIE LCh	95, 4.317, 12.741
Yxy	86.8812, 0.3201, 0.3280
Android (android.graphics.Color)	4294569454 (0xFF9E9E)
YUV	240.7020, -1.3321, 7.2773
Hunter-Lab	93.2101, -0.7544, 5.9698

Details

The XYZ color **84.7837, 86.8812, 93.1901** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **85.7473, 92.5353, 102.1532**, and the grayscale version is **83.3833, 87.7258, 95.5334**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **46.9597, 47.7626, 51.0000** is the 20% darker color. If you saturate the color by 10%, you get **74.9247, 72.1949, 74.3895**, and if you desaturate by 10%, it is **92.8774, 98.8800, 108.7983**.

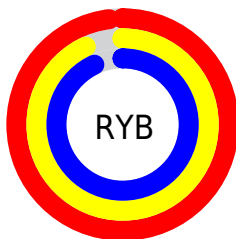
Distribution



Red (98%)

Green (93%)

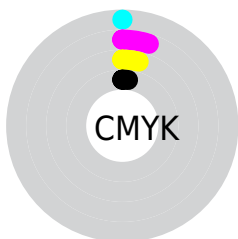
Blue (93%)



Red (98%)

Yellow (93%)

Blue (93%)

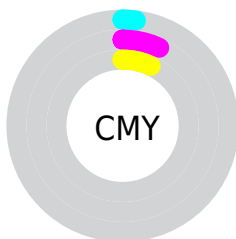


Cyan (0%)

Magenta (5%)

Yellow (4%)

Black (2%)



Cyan (2%)


Magenta (7%)


Yellow (7%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 84.7837, 86.8812, 93.1901 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 84.7837, 86.8812, 93.1901 by changing the saturation by 10% instead.


 84.7837, 86.8812,
93.1901

 84.7837, 86.8812,
93.1901


499.4065,
517.8324, 559.1900

 63.9846, 65.3969,
70.0410


138.9865,
142.9985, 153.7358

 46.8998, 47.7830,
51.0829

173.1209,
178.4004, 191.9694

 33.1641, 33.6551,
35.8974


212.4311,
219.2102, 236.0682

 22.4120, 22.6287,
24.0659

257.2825,
265.8123, 286.4509

 14.2782, 14.3196,
15.1699

308.0403,
318.5912, 343.5358

 8.3974, 8.3433,
8.7907

365.0701,

 4.4042, 4.3154,

377.9313, 407.7416

4.5100

428.7370,
444.2169, 479.4869

■ 1.9333, 1.8515,
1.9091

■ 0.5961, 0.5190,
0.4985

■ 84.7837, 86.8812,
93.1901

■ 84.7837, 86.8812,
93.1901

■ 74.9247, 72.1949,
74.3895

■ 92.8774, 98.8800,
108.7983

■ 66.4330, 59.5886,
58.0644

■ 59.2502, 48.9719,
44.1132

■ 53.3112, 40.2430,
32.4253

■ 48.5451, 33.2912,
22.8813

■ 44.8738, 27.9944,
15.3507

■ 42.2098, 24.2149,
9.6886

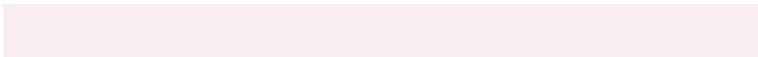
■ 40.4519, 21.7928,
5.7310

■ 39.4776, 20.5324,
3.2850

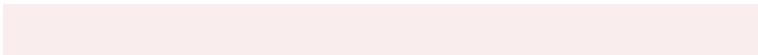
Harmonies

Analogous

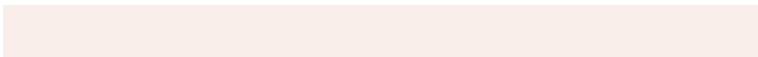
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



84.7372, 86.8812, 96.5163



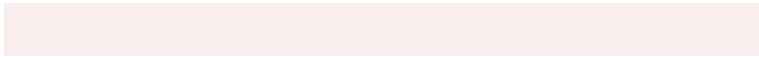
84.7837, 86.8812, 93.1901



84.2352, 86.8812, 90.3085

Triad

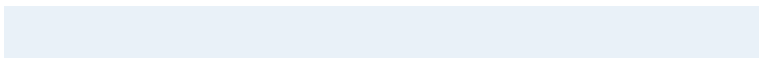
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



84.7837, 86.8812, 93.1901



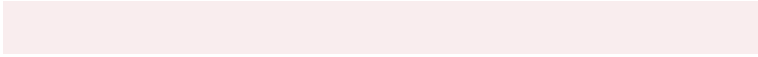
81.0660, 86.8812, 89.9619



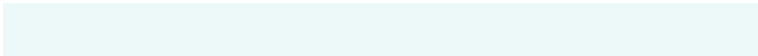
81.9147, 86.8812, 100.8629

Complementary

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



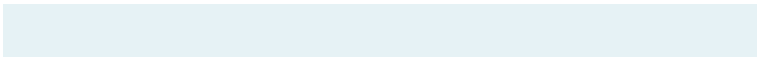
84.7837, 86.8812, 93.1901



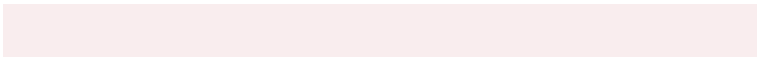
85.7473, 92.5353, 102.1532

Split Complementary

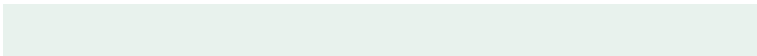
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



80.9426, 86.8812, 99.0230



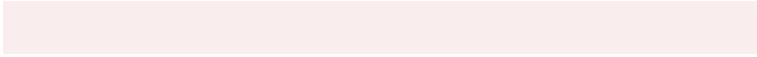
84.7837, 86.8812, 93.1901



80.4558, 86.8812, 92.7069

Square

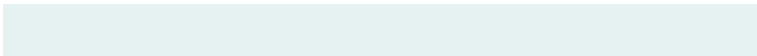
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



84.7837, 86.8812, 93.1901



82.0846, 86.8812, 88.4744



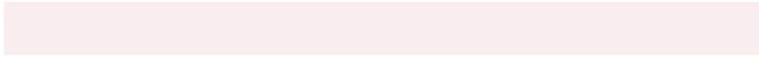
80.4108, 86.8812, 96.0217



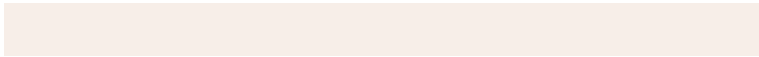
83.0733, 86.8812, 100.9996

Rectangle

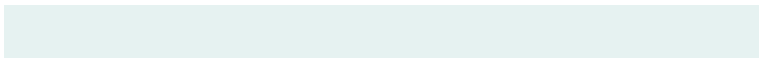
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



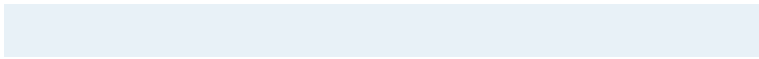
84.7837, 86.8812, 93.1901



83.6089, 86.8812, 89.0061



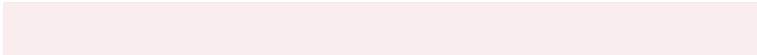
80.4108, 86.8812, 96.0217



81.5556, 86.8812, 100.4211

Sweetspot

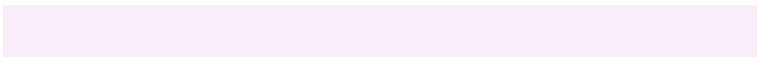
The Sweet Spot groups the original color and five complimentary colors.



84.7861, 86.8850, 93.1920



93.8676, 98.2341, 106.6599



86.0970, 87.3683, 101.9495



20.1040, 21.0447, 22.8532



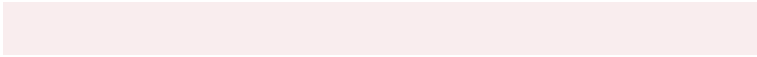
0.0000, 0.0000, 0.0000



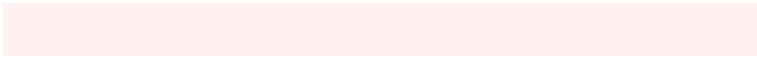
20.3446, 21.4041, 23.3091

Same Dimension

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



84.7861, 86.8850, 93.1920



88.1845, 89.7528, 95.8717



86.1076, 89.7614, 92.9127



17.9258, 18.1767, 19.3715



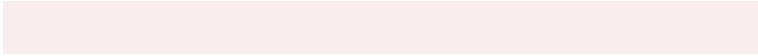
21.0029, 10.8169, 1.4580



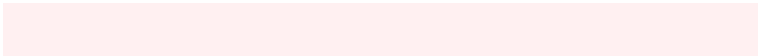
1.9646, 1.0096, 0.2372

Inverse Universe

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



84.7861, 86.8850, 93.1920



88.1845, 89.7528, 95.8717



84.3778, 89.5485, 102.4609



17.9258, 18.1767, 19.3715



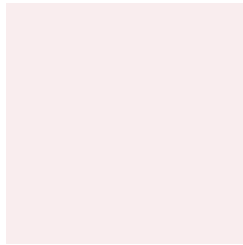
21.0029, 10.8169, 1.4580



1.9646, 1.0096, 0.2372

Previews

White Background



This preview shows how the XYZ color 84.7837, 86.8812, 93.1901 looks on a white background.

Color Contrast Check

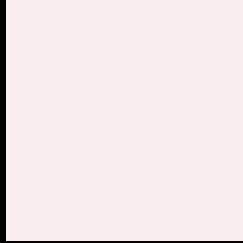
Large Text (above 18pt) WCAG AA × Fail

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 84.7837, 86.8812, 93.1901 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

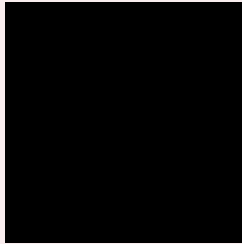
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

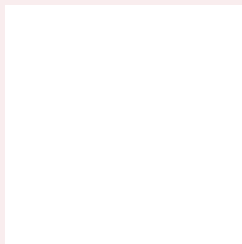
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 84.7837, 86.8812, 93.1901

Background



This preview shows how black text looks on a background with the XYZ color 84.7837, 86.8812, 93.1901.



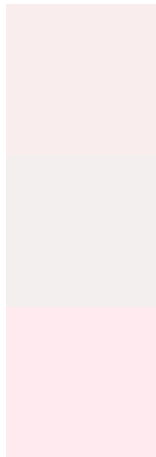
This preview shows how white text looks on a background with the XYZ color 84.7837, 86.8812,

93.1901.

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

84.7837, 86.8812, 93.1901

Protanopia

83.7547, 87.1981, 94.0779

Deuteranopia

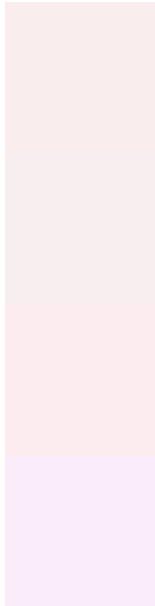
86.5283, 86.9087, 93.8759



Tritanopia

87.2216, 87.0177, 105.1275

Trichromacy



Original Color

84.7837, 86.8812, 93.1901

Protanomaly

84.1606, 86.9739, 94.0133

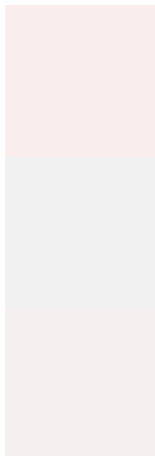
Deuteranomaly

86.0835, 87.1055, 93.9373

Tritanomaly

86.3631, 87.0922, 101.0656

Monochromacy



Original Color

84.7837, 86.8812, 93.1901

Achromatopsia

83.6081, 87.9622, 95.7909

Achromatomaly

84.1965, 87.8445, 94.9561

CSS Examples

Text

The CSS property to change the color of the text to XYZ 84.7837, 86.8812, 93.1901 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(249, 237, 238) looks like.

```
.text, #text, p{  
    color:rgb(249, 237, 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(249, 237, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 237, 238) }
```

Border

The CSS property to change the border of an element to XYZ 84.7837, 86.8812, 93.1901 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(249, 237, 238) }
```


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

```
.border{ border-color:rgb(249, 237, 238) }
```

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

Here you see how a box with a 4 pixel `rgb(249, 237, 238)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 237, 238); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 237, 238);  
box-shadow:4px 4px 4px 4px rgb(249, 237,  
238) }
```

Background

The CSS property to change the background color of an element to XYZ 84.7837, 86.8812, 93.1901 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 237, 238) }
```

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

```
.background{ background-color: rgb(249,  
237, 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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[Learn more, Memberships starting at \\$2.50/m!](#)

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