

Converting Colors

XYZ(85.2460, 87.6525, 93.4588)

Have a look what the booklet for
XYZ(85.2460, 87.6525, 93.4588)
contains.

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Color

**XYZ(85.0741, 87.4619,
93.2869)**

Conversions

Conversions Part 1

Format	Color
Hex	F9EEEE
RGB	249, 238, 238
RGB Percent	98%, 93%, 93%
CMY	0.0235, 0.0666, 0.0667
CMYK	0.00, 0.04, 0.04, 0.02
HSL	0°, 48%, 95%
HSV	0°, 4%, 98%
XYZ	85.0741, 87.4619, 93.2869
YIQ	241.2890, 6.5560, 2.3320

Conversions

Conversions Part 2

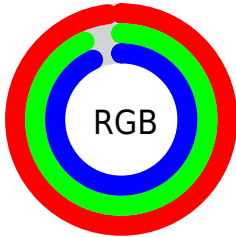
Format	Color
R _Y B	249, 238, 238
Decimal	16379630
CIE Lab	94.93, 3.70, 1.31
CIE LCh	95, 3.924, 19.510
Yxy	87.4619, 0.3200, 0.3290
Android (android.graphics.Color)	4294569710 (0xFF99EE)
YUV	241.2890, -1.6215, 6.7625
Hunter-Lab	93.5211, -1.2843, 6.3232

Details

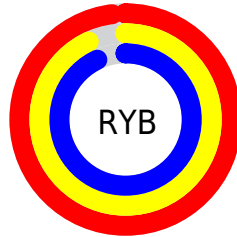
The XYZ color **85.0741, 87.4619, 93.2869** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **86.2344, 92.7666, 102.9844**, and the grayscale version is **83.8476, 88.2142, 96.0653**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **47.1638, 48.1708, 51.0681** is the 20% darker color. If you saturate the color by 10%, you get **74.9139, 72.5959, 73.0824**, and if you desaturate by 10%, it is **92.8774, 98.8800, 108.7983**.

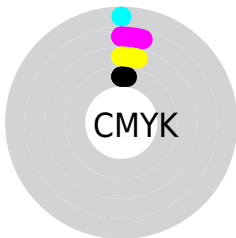
Distribution



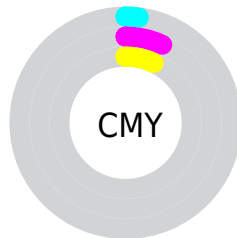
- Red (98%)
- Green (93%)
- Blue (93%)



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



- Cyan (0%)
- Magenta (4%)
- Yellow (4%)
- Black (2%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 85.0741, 87.4619, 93.2869 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 85.0741, 87.4619, 93.2869 by changing the saturation by 10% instead.

85.0741, 87.4619,
93.2869

85.0741, 87.4619,
93.2869

500.3532,
519.7395, 559.5096

64.2253, 65.8775,
70.1210

139.3902,
143.8078, 153.8709

47.0955, 48.1730,
51.1478

173.5882,
179.3381, 192.1261

33.3195, 33.9639,
35.9487

212.9667,
220.2858, 236.2481

22.5317, 22.8659,
24.1052

257.8909,
267.0353, 286.6555

14.3669, 14.4945,
15.1987

308.7264,
319.9710, 343.7668

8.4597, 8.4654,
8.8108

365.8383,

4.4447, 4.3942,

379.4774, 408.0006

4.5229

429.5922,
445.9387, 479.7753

■ 1.9567, 1.8964,
1.9163

■ 0.6095, 0.5462,
0.5031

■ 85.0741, 87.4619,
93.2869

■ 85.0741, 87.4619,
93.2869

■ 74.9139, 72.5959,
73.0824

■ 92.8774, 98.8800,
108.7983

■ 66.1976, 59.8422,
55.7526

■ 58.8620, 49.1085,
41.1686

■ 52.8363, 40.2913,
29.1895

■ 48.0434, 33.2778,
19.6622

■ 44.3983, 27.9434,
12.4171

■ 41.8049, 24.1480,
7.2636

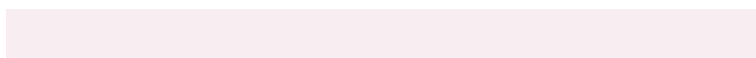
■ 40.1520, 21.7285,
3.9800

■ 39.3029, 20.4853,
2.2945

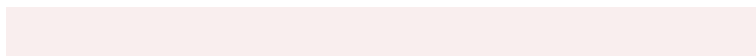
Harmonies

Analogous

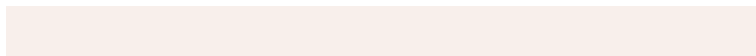
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



85.1587, 87.4619, 96.3024



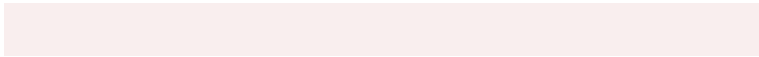
85.0741, 87.4619, 93.2869



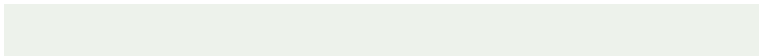
84.4660, 87.4619, 90.8424

Triad

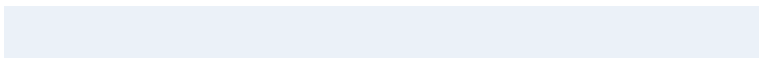
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



85.0741, 87.4619, 93.2869



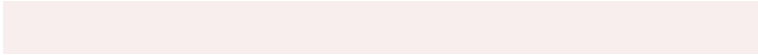
81.5830, 87.4619, 91.4755



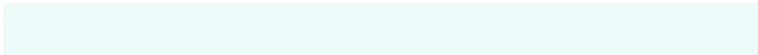
82.7578, 87.4619, 101.1119

Complementary

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



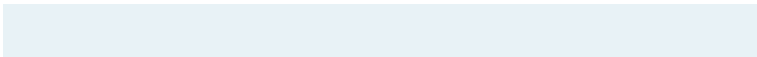
85.0741, 87.4619, 93.2869



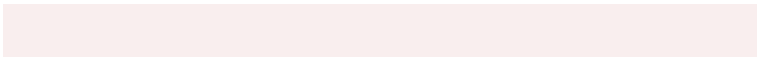
86.2344, 92.7666, 102.9844

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.



81.8080, 87.4619, 99.7590



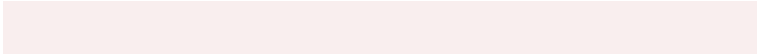
85.0741, 87.4619, 93.2869



81.1336, 87.4619, 94.1679

Square

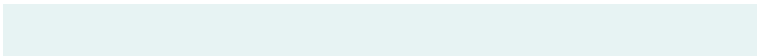
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



85.0741, 87.4619, 93.2869



82.4482, 87.4619, 89.8121



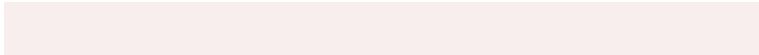
81.2156, 87.4619, 97.2022



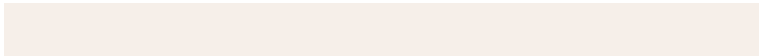
83.8153, 87.4619, 100.8638

Rectangle

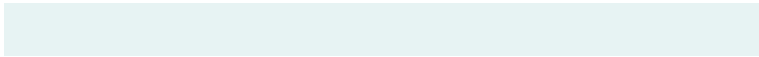
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



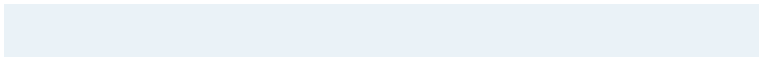
85.0741, 87.4619, 93.2869



83.8484, 87.4619, 89.8451



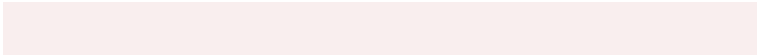
81.2156, 87.4619, 97.2022



82.4155, 87.4619, 100.8282

Sweetspot

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



85.0766, 87.4657, 93.2888



93.8343, 98.2213, 106.4828



86.7415, 88.1297, 102.0626



20.0972, 21.0421, 22.8172



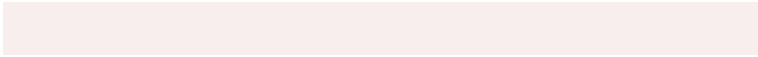
0.0000, 0.0000, 0.0000



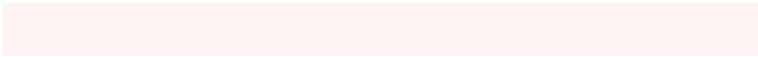
20.3446, 21.4041, 23.3091

Same Dimension

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



85.0766, 87.4657, 93.2888



89.1327, 91.3420, 97.1344



86.7012, 90.7149, 93.8303



18.1023, 18.4803, 19.5826



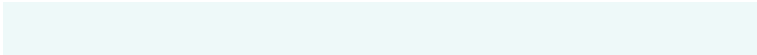
20.9127, 10.7821, 0.9789



1.9371, 0.9990, 0.0907

Inverse Universe

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



86.2344, 92.7666, 102.9844



90.5122, 97.6583, 108.6872



84.5605, 89.4189, 102.4264



18.4225, 19.9466, 22.2644



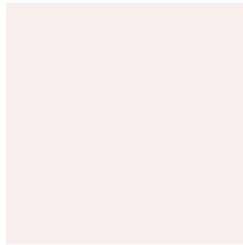
27.2701, 39.8958, 54.2369



2.5259, 3.6954, 5.0233

Previews

White Background



This preview shows how the XYZ color 85.0741, 87.4619, 93.2869 looks on a white background.

Color Contrast Check

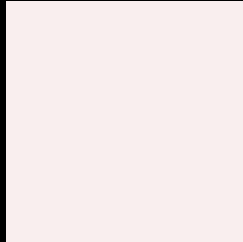
Large Text (above 18pt) WCAG AA × Fail

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 85.0741, 87.4619, 93.2869 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

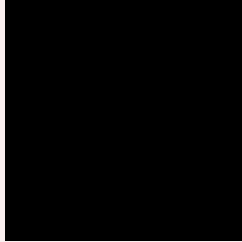
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

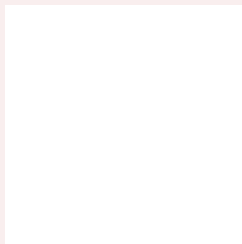
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 85.0741, 87.4619, 93.2869

Background



This preview shows how black text looks on a background with the XYZ color 85.0741, 87.4619, 93.2869.



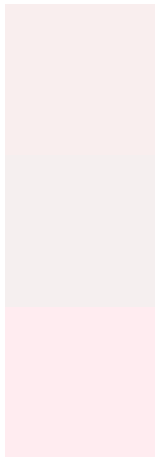
This preview shows how white text looks on a background with the XYZ color 85.0741, 87.4619,

93.2869.

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

85.0741, 87.4619, 93.2869

Protanopia

84.1027, 87.3775, 94.0942

Deuteranopia

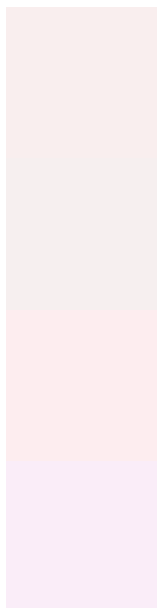
86.9636, 87.5422, 94.7519



Tritanopia

87.6685, 87.6559, 106.0646

Trichromacy



Original Color

85.0741, 87.4619, 93.2869

Protanomaly

84.4525, 87.5578, 94.1106

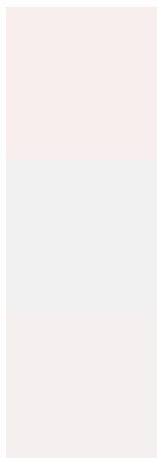
Deuteranomaly

86.3722, 87.6830, 94.0336

Tritanomaly

86.6518, 87.6697, 101.1618

Monochromacy



Original Color

85.0741, 87.4619, 93.2869

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 85.0741, 87.4619, 93.2869 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, 238, 238) looks like.

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

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

Border

The CSS property to change the border of an element to XYZ 85.0741, 87.4619, 93.2869 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, 238, 238) }
```


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

```
.border{ border-color:rgb(249, 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(249, 238, 238)` colored shadow looks like.

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

Background

The CSS property to change the background color of an element to XYZ 85.0741, 87.4619, 93.2869 is called "background". The background property can be set on classes, ids or directly on the HTML element.

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

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

```
.background{ background-color: rgb(249,  
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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