

Converting Colors

XYZ(85.2677, 87.1170, 93.2761)

Have a look what the booklet for
XYZ(85.2677, 87.1170, 93.2761)
contains.

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Color

**XYZ(85.1411, 87.0654,
93.2068)**

Conversions

Conversions Part 1

Format	Color
Hex	FAEDEE
RGB	250, 237, 238
RGB Percent	98%, 93%, 93%
CMY	0.0196, 0.0706, 0.0667
CMYK	0.00, 0.05, 0.05, 0.02
HSL	355°, 57%, 95%
HSV	355°, 5%, 98%
XYZ	85.1411, 87.0654, 93.2068
YIQ	241.0010, 7.4270, 3.0670

Conversions

Conversions Part 2

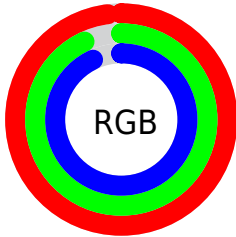
Format	Color
R_{YB}	250, 237, 238
Decimal	16444910
CIE Lab	94.77, 4.55, 1.08
CIE LCh	95, 4.675, 13.302
Yxy	87.0654, 0.3208, 0.3280
Android (android.graphics.Color)	4294634990 (0xFFFAEDEE)
YUV	241.0010, -1.4795, 7.8921
Hunter-Lab	93.3088, -0.4154, 6.0910

Details

The XYZ color **85.1411, 87.0654, 93.2068** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **86.2128, 93.2174, 103.0759**, and the grayscale version is **83.6192, 87.9739, 95.8036**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **47.2155, 47.8945, 51.0120** is the 20% darker color. If you saturate the color by 10%, you get **75.2248, 72.3161, 74.2277**, and if you desaturate by 10%, it is **93.2348, 99.0642, 108.8150**.

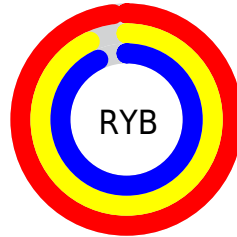
Distribution



Red (98%)

Green (93%)

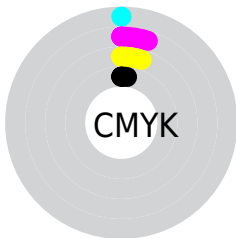
Blue (93%)



Red (98%)

Yellow (93%)

Blue (93%)

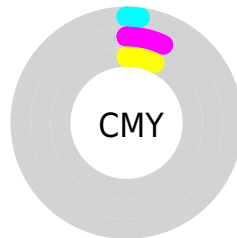


Cyan (0%)

Magenta (5%)

Yellow (5%)

Black (2%)



Cyan (2%)

Magenta (7%)

Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 85.1411, 87.0654, 93.2068 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 85.1411, 87.0654, 93.2068 by changing the saturation by 10% instead.

85.1411, 87.0654,
93.2068

85.1411, 87.0654,
93.2068

500.5715,
518.4377, 559.2452

64.2809, 65.5493,
70.0548

139.4833,
143.2553, 153.7591

47.1407, 47.9067,
51.0941

173.6960,
178.6979, 191.9964

33.3553, 33.7530,
35.9063

213.0902,
219.5515, 236.0993

22.5593, 22.7039,
24.0727

258.0313,
266.2004, 286.4862

14.3874, 14.3750,
15.1749

308.8846,
319.0291, 343.5757

8.4741, 8.3820,
8.7942

366.0155,

4.4541, 4.3403,

378.4220, 407.7863

4.5122

429.7893,
444.7634, 479.5366

■ 1.9621, 1.8657,
1.9103

■ 0.6125, 0.5276,
0.4993

■ 85.1411, 87.0654,
93.2068

■ 85.1411, 87.0654,
93.2068

■ 75.2248, 72.3161,
74.2277

■ 93.2348, 99.0642,
108.8150

■ 66.6922, 59.6656,
57.7734

■ 59.4839, 49.0220,
43.7391

■ 53.5334, 40.2819,
32.0106

■ 48.7684, 33.3333,
22.4644

■ 45.1092, 28.0518,
14.9656

■ 42.4665, 24.2975,
9.3640

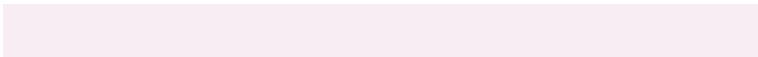
■ 40.7366, 21.9077,
5.4890

■ 39.7937, 20.6823,
3.1391

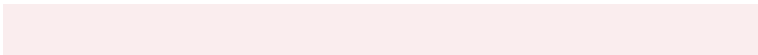
Harmonies

Analogous

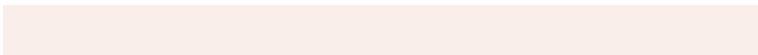
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



85.1031, 87.0654, 96.8137



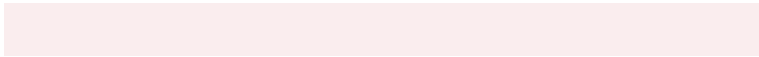
85.1411, 87.0654, 93.2068



84.5346, 87.0654, 90.1049

Triad

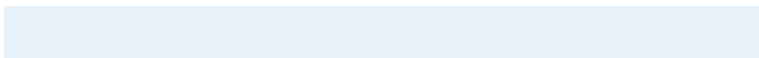
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



85.1411, 87.0654, 93.2068



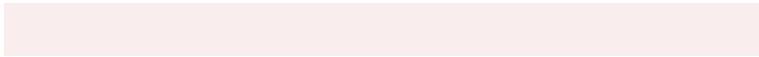
81.0972, 87.0654, 89.8231



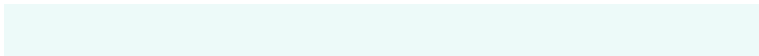
82.0566, 87.0654, 101.6246

Complementary

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



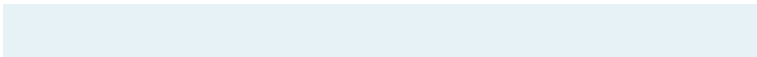
85.1411, 87.0654, 93.2068



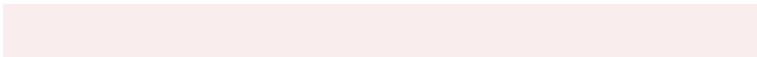
86.2128, 93.2174, 103.0759

Split Complementary

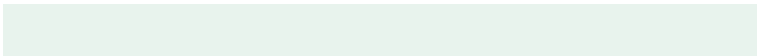
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



80.9967, 87.0654, 99.6543



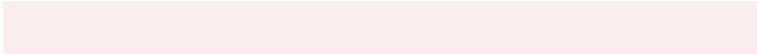
85.1411, 87.0654, 93.2068



80.4467, 87.0654, 92.8133

Square

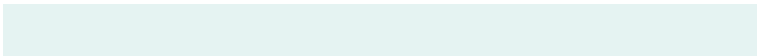
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



85.1411, 87.0654, 93.2068



82.1951, 87.0654, 88.1851



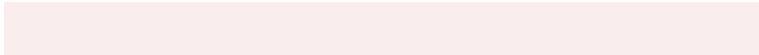
80.4101, 87.0654, 96.4101



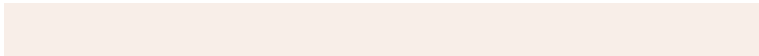
83.3136, 87.0654, 101.7365

Rectangle

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



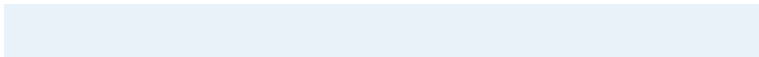
85.1411, 87.0654, 93.2068



83.8499, 87.0654, 88.7154



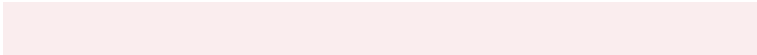
80.4101, 87.0654, 96.4101



81.6658, 87.0654, 101.1554

Sweetspot

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



85.1436, 87.0692, 93.2087



92.6955, 96.4895, 104.4205



86.5792, 87.5988, 102.7885



19.8653, 20.6895, 22.3972



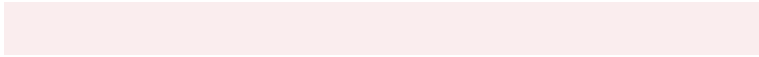
0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



85.1436, 87.0692, 93.2087



88.1699, 89.7469, 95.7949



86.5892, 90.1940, 92.9708



17.9225, 18.1753, 19.3543



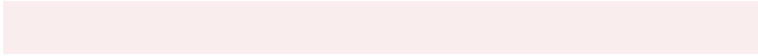
20.9943, 10.8135, 1.4126



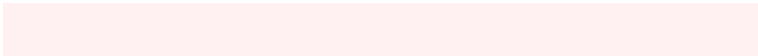
1.9625, 1.0087, 0.2259

Inverse Universe

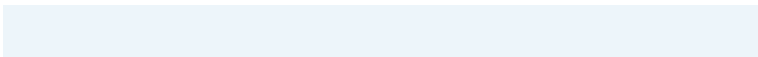
The Inverse Universe completely reimagines the original color for something new.



85.1436, 87.0692, 93.2087



88.1699, 89.7469, 95.7949



84.7100, 89.9627, 103.3433



17.9225, 18.1753, 19.3543



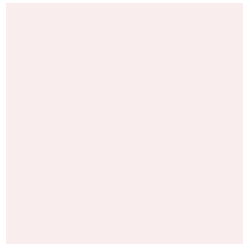
20.9943, 10.8135, 1.4126



1.9625, 1.0087, 0.2259

Previews

White Background



This preview shows how the XYZ color 85.1411, 87.0654, 93.2068 looks on a white background.

Color Contrast Check

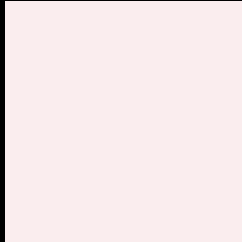
Large Text (above 18pt) WCAG AA × Fail

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 85.1411, 87.0654, 93.2068 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

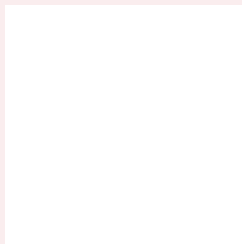
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 85.1411, 87.0654, 93.2068

Background



This preview shows how black text looks on a background with the XYZ color 85.1411, 87.0654, 93.2068.



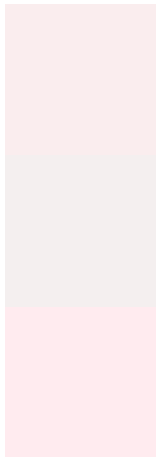
This preview shows how white text looks on a background with the XYZ color 85.1411, 87.0654,

93.268.

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

85.1411, 87.0654, 93.2068

Protanopia

83.7547, 87.1981, 94.0779

Deuteranopia

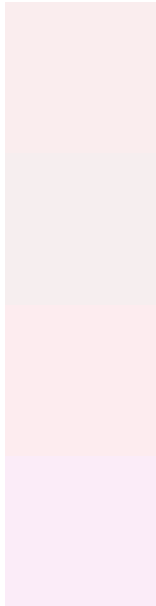
86.5283, 86.9087, 93.8759



Tritanopia

87.5828, 87.2040, 105.1444

Trichromacy



Original Color

85.1411, 87.0654, 93.2068

Protanomaly

84.1606, 86.9739, 94.0133

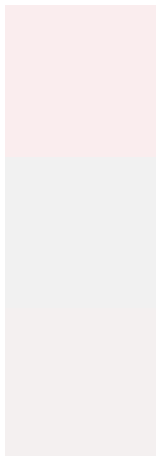
Deuteranomaly

86.0835, 87.1055, 93.9373

Tritanomaly

86.7224, 87.2774, 101.0824

Monochromacy



Original Color

85.1411, 87.0654, 93.2068

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 85.1411, 87.0654, 93.2068 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, 238) looks like.

```
.text, #text, p{  
    color:rgb(250, 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(250, 237, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 237, 238) }
```

Border

The CSS property to change the border of an element to XYZ 85.1411, 87.0654, 93.2068 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, 238) }
```


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

```
.border{ border-color:rgb(250, 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(250, 237, 238) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 237, 238); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 237, 238);  
box-shadow:4px 4px 4px 4px rgb(250, 237,  
238) }
```

Background

The CSS property to change the background color of an element to XYZ 85.1411, 87.0654, 93.2068 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, 238) }
```

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

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