

Converting Colors

XYZ(84.3924, 87.9866, 93.6126)

Have a look what the booklet for
XYZ(84.3924, 87.9866, 93.6126)
contains.

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Color

**XYZ(84.2489, 87.9057,
93.4160)**

Conversions

Conversions Part 1

Format	Color
Hex	F5F0EE
RGB	245, 240, 238
RGB Percent	96%, 94%, 93%
CMY	0.0392, 0.0588, 0.0667
CMYK	0.00, 0.02, 0.03, 0.04
HSL	17°, 26%, 95%
HSV	17°, 3%, 96%
XYZ	84.2489, 87.9057, 93.4160
YIQ	241.2670, 3.6220, 0.4380

Conversions

Conversions Part 2

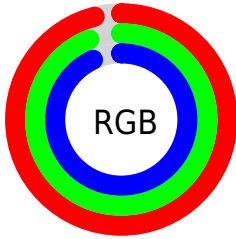
Format	Color
R _Y B	245, 241, 238
Decimal	16117998
CIE Lab	95.12, 1.33, 1.55
CIE LCh	95, 2.038, 49.326
Yxy	87.9057, 0.3172, 0.3310
Android (android.graphics.Color)	4294308078 (0xFF5F0EE)
YUV	241.2670, -1.6106, 3.2738
Hunter-Lab	93.7580, -3.6804, 6.5569

Details

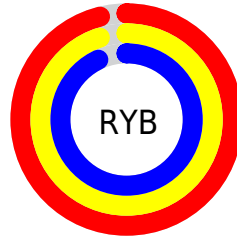
The XYZ color **84.2489, 87.9057, 93.4160** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **83.7919, 88.8697, 99.1246**, and the grayscale version is **83.8318, 88.1976, 96.0472**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **46.5703, 48.4772, 51.1585** is the 20% darker color. If you saturate the color by 10%, you get **75.9905, 76.7618, 74.0964**, and if you desaturate by 10%, it is **91.4667, 98.1527, 108.7323**.

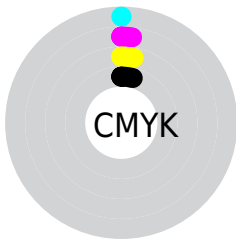
Distribution



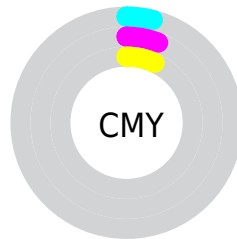
- Red (96%)
- Green (94%)
- Blue (93%)



- Red (96%)
- Yellow (95%)
- Blue (93%)



- Cyan (0%)
- Magenta (2%)
- Yellow (3%)
- Black (4%)



- Cyan (4%)
- Magenta (6%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 84.2489, 87.9057, 93.4160 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 84.2489, 87.9057, 93.4160 by changing the saturation by 10% instead.

84.2489, 87.9057,
93.4160

84.2489, 87.9057,
93.4160

497.6606,
521.1944, 559.9357

63.5414, 66.2450,
70.2277

138.2428,
144.4259, 154.0511

46.5396, 48.4713,
51.2343

172.2598,
180.0541, 192.3350

32.8783, 34.2003,
36.0171

211.4440,
221.1069, 236.4879

22.1920, 23.0475,
24.1576

256.1608,
267.9688, 286.9283

14.1154, 14.6286,
15.2373

306.7755,
321.0241, 344.0747

8.2832, 8.5591,
8.8376

363.6534,

4.3300, 4.4548,

380.6572, 408.3458

4.5400

427.1600,
447.2525, 480.1599

■ 1.8905, 1.9311,
1.9260

■ 0.5713, 0.5670,
0.5092

■ 84.2489, 87.9057,
93.4160

■ 84.2489, 87.9057,
93.4160

■ 75.9905, 76.7618,
74.0964

■ 91.4667, 98.1527,
108.7323

■ 68.6819, 66.7664,
57.4122

■ 62.2901, 57.8856,
43.2497

■ 56.7772, 50.0799,
31.4853

■ 52.1026, 43.3071,
21.9842

■ 48.2222, 37.5223,
14.5986

■ 45.0873, 32.6769,
9.1629

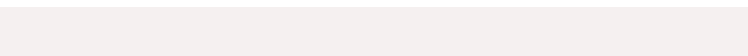
■ 42.6436, 28.7179,
5.4861

■ 40.8275, 25.5861,
3.3378

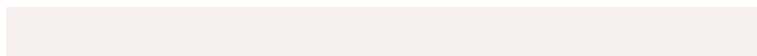
Harmonies

Analogous

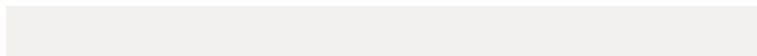
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



84.5624, 87.9057, 94.7069



84.2489, 87.9057, 93.4160



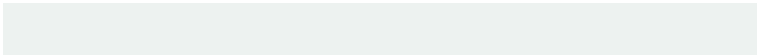
83.7495, 87.9057, 92.7435

Triad

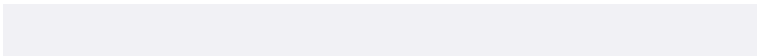
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



84.2489, 87.9057, 93.4160



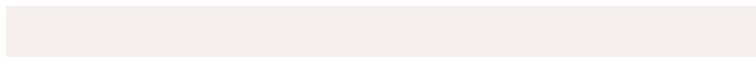
82.5078, 87.9057, 95.1496



83.9053, 87.9057, 98.6263

Complementary

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



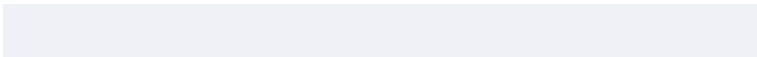
84.2489, 87.9057, 93.4160



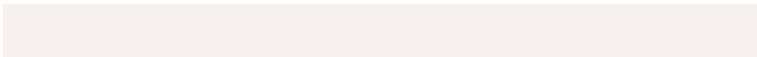
83.7919, 88.8697, 99.1246

Split Complementary

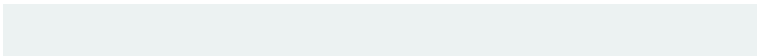
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



83.3543, 87.9057, 98.7480



84.2489, 87.9057, 93.4160



82.5492, 87.9057, 96.7290

Square

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



84.2489, 87.9057, 93.4160



82.7453, 87.9057, 93.7370



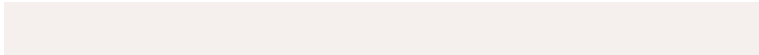
82.8584, 87.9057, 98.0501



84.3634, 87.9057, 97.7193

Rectangle

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



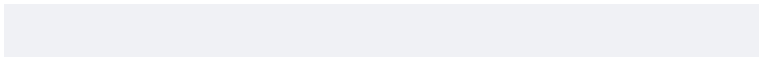
84.2489, 87.9057, 93.4160



83.3790, 87.9057, 92.7313



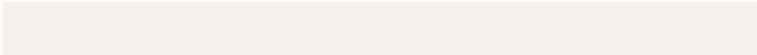
82.8584, 87.9057, 98.0501



83.7247, 87.9057, 98.7607

Sweetspot

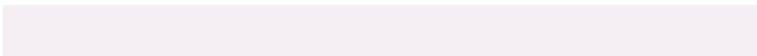
The Sweet Spot groups the original color and five complimentary colors.



84.2514, 87.9095, 93.4179



94.0643, 98.6812, 106.5594



84.4121, 87.0349, 97.1589



20.1440, 21.1358, 22.8328



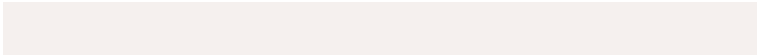
0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



84.2514, 87.9095, 93.4179



92.1255, 96.0829, 101.9695



85.2855, 89.9777, 93.7626



17.9090, 18.6343, 19.6383



21.5729, 13.0314, 1.3783



1.9802, 1.3136, 0.1492

Inverse Universe

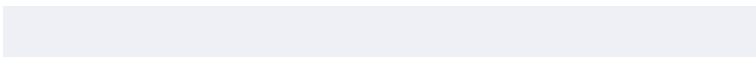
The Inverse Universe completely reimagines the original color for something new.



83.7919, 88.8697, 99.1246



91.5965, 97.1883, 108.5393



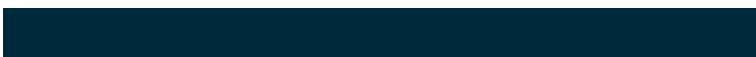
82.7606, 86.8070, 98.7809



17.7789, 18.9063, 21.2548



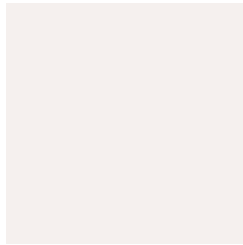
17.2462, 20.2861, 49.5447



1.6033, 1.9580, 4.3837

Previews

White Background



This preview shows how the XYZ color 84.2489, 87.9057, 93.4160 looks on a white background.

Color Contrast Check

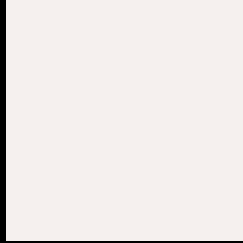
Large Text (above 18pt) WCAG AA × Fail

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 84.2489, 87.9057, 93.4160 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

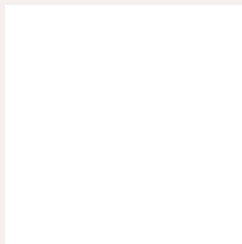
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 84.2489, 87.9057, 93.4160

Background



This preview shows how black text looks on a background with the XYZ color 84.2489, 87.9057, 93.4160.



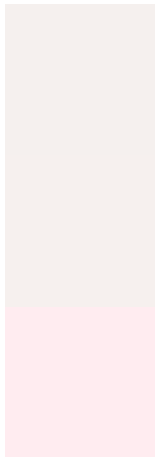
This preview shows how white text looks on a background with the XYZ color 84.2489, 87.9057,

93.4 60.

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

84.2489, 87.9057, 93.4160

Protanopia

84.5987, 88.0861, 93.4324

Deuteranopia

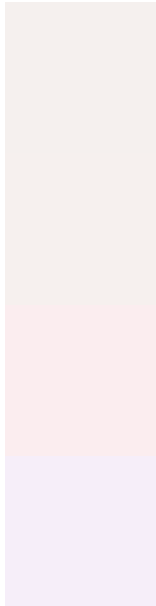
86.9636, 87.5422, 94.7519



Tritanopia

86.6920, 87.5625, 106.9398

Trichromacy



Original Color

84.2489, 87.9057, 93.4160

Protanomaly

84.5987, 88.0861, 93.4324

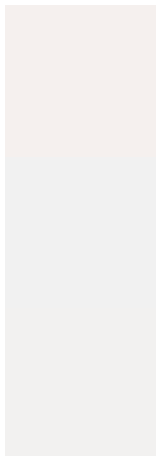
Deuteranomaly

85.6478, 87.3096, 93.9997

Tritanomaly

85.6795, 87.5815, 102.0117

Monochromacy



Original Color

84.2489, 87.9057, 93.4160

Achromatopsia

83.6081, 87.9622, 95.7909

Achromatomaly

83.8014, 88.0791, 95.0222

CSS Examples

Text

The CSS property to change the color of the text to XYZ 84.2489, 87.9057, 93.4160 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(245, 240, 238) looks like.

```
.text, #text, p{  
    color:rgb(245, 240, 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(245, 240, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 240, 238) }
```

Border

The CSS property to change the border of an element to XYZ 84.2489, 87.9057, 93.4160 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(245, 240, 238) }
```


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

```
.border{ border-color:rgb(245, 240, 238) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 240, 238)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 240, 238); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 240, 238);  
box-shadow:4px 4px 4px 4px rgb(245, 240,  
238) }
```

Background

The CSS property to change the background color of an element to XYZ 84.2489, 87.9057, 93.4160 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 240, 238) }
```

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

```
.background{ background-color: rgb(245,  
240, 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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