

Converting Colors

XYZ(85.0867, 87.7995, 93.7873)

Have a look what the booklet for
XYZ(85.0867, 87.7995, 93.7873)
contains.

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Color

**XYZ(85.1579, 87.9215,
94.1436)**

Conversions

Conversions Part 1

Format	Color
Hex	F8EFEF
RGB	248, 239, 239
RGB Percent	97%, 94%, 94%
CMY	0.0274, 0.0627, 0.0627
CMYK	0.00, 0.04, 0.04, 0.03
HSL	0°, 39%, 95%
HSV	0°, 4%, 97%
XYZ	85.1579, 87.9215, 94.1436
YIQ	241.6910, 5.3640, 1.9080

Conversions

Conversions Part 2

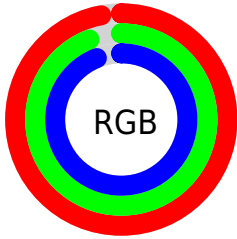
Format	Color
R _Y B	248, 239, 239
Decimal	16314351
CIE Lab	95.13, 3.02, 1.07
CIE LCh	95, 3.203, 19.424
Yxy	87.9215, 0.3187, 0.3290
Android (android.graphics.Color)	4294504431 (0xFF8E8E8E)
YUV	241.6910, -1.3267, 5.5330
Hunter-Lab	93.7665, -1.9791, 6.1081

Details

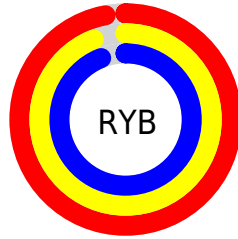
The XYZ color **85.1579, 87.9215, 94.1436** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **86.1072, 92.2614, 102.0780**, and the grayscale version is **84.1632, 88.5462, 96.4269**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **47.2190, 48.4923, 51.6710** is the 20% darker color. If you saturate the color by 10%, you get **74.9770, 73.0255, 73.8970**, and if you desaturate by 10%, it is **92.5219, 98.6967, 108.7817**.

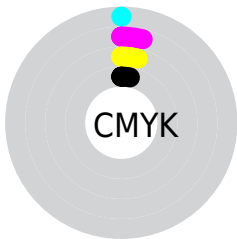
Distribution



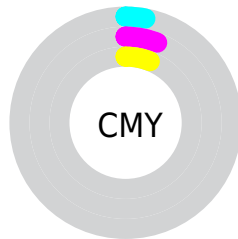
- Red (97%)
- Green (94%)
- Blue (94%)



- Red (97%)
- Yellow (94%)
- Blue (94%)



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




- Cyan (3%)
- Magenta (6%)
- Yellow (6%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 85.1579, 87.9215, 94.1436 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 85.1579, 87.9215, 94.1436 by changing the saturation by 10% instead.


 85.1579, 87.9215,
94.1436

 85.1579, 87.9215,
94.1436


500.6262,
521.2461, 562.3338

 64.2948, 66.2581,
70.8295

139.5067,
144.4479, 155.0663

 47.1520, 48.4819,
51.7221


173.7230,
180.0796, 193.5119

 33.3643, 34.2087,
36.4029

213.1212,
221.1362, 237.8385

 22.5663, 23.0540,
24.4533

258.0664,
268.0020, 288.4645

 14.3925, 14.6334,
15.4549

308.9242,
321.0616, 345.8085

 8.4777, 8.5625,
8.9891

366.0599,

 4.4565, 4.4569,

380.6992, 410.2890

4.6374

429.8388,
447.2992, 482.3246

■ 1.9635, 1.9323,
1.9811

■ 0.6133, 0.5677,
0.5436

■ 85.1579, 87.9215,
94.1436

■ 85.1579, 87.9215,
94.1436

■ 74.9770, 73.0255,
73.8970

■ 92.5219, 98.6967,
108.7817

■ 66.2310, 60.2285,
56.5074

■ 58.8577, 49.4398,
41.8480

■ 52.7875, 40.5575,
29.7803

■ 47.9446, 33.4708,
20.1535

■ 44.2454, 28.0574,
12.8014

■ 41.5961, 24.1799,
7.5369

■ 39.8878, 21.6792,
4.1436

■ 38.9879, 20.3615,
2.3577

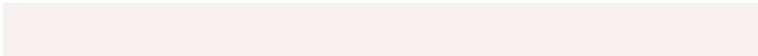
Harmonies

Analogous

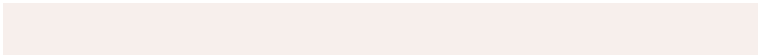
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



85.2257, 87.9215, 96.6155



85.1579, 87.9215, 94.1436



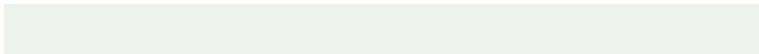
84.6620, 87.9215, 92.1306

Triad

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



85.1579, 87.9215, 94.1436



82.2998, 87.9215, 92.6422



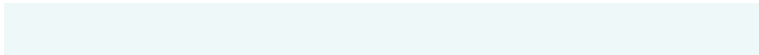
83.2594, 87.9215, 100.5296

Complementary

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



85.1579, 87.9215, 94.1436



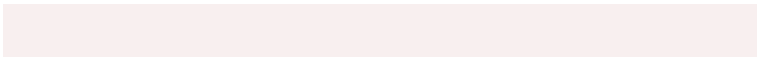
86.1072, 92.2614, 102.0780

Split Complementary

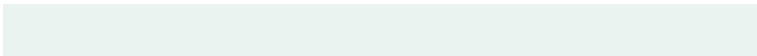
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



82.4809, 87.9215, 99.4251



85.1579, 87.9215, 94.1436



81.9295, 87.9215, 94.8530

Square

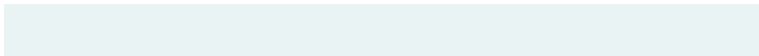
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



85.1579, 87.9215, 94.1436



83.0104, 87.9215, 91.2743



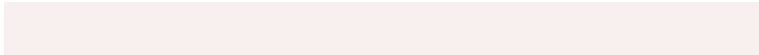
81.9955, 87.9215, 97.3373



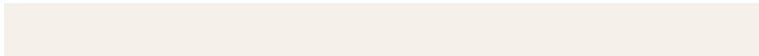
84.1256, 87.9215, 100.3317

Rectangle

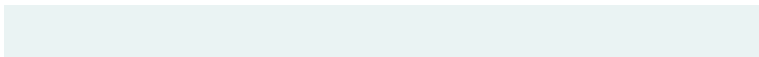
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



85.1579, 87.9215, 94.1436



84.1574, 87.9215, 91.3062



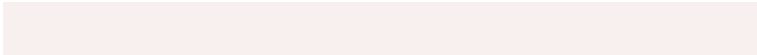
81.9955, 87.9215, 97.3373



82.9789, 87.9215, 100.2976

Sweetspot

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



85.1604, 87.9253, 94.1455



93.8344, 98.2214, 106.4828



86.5224, 88.4681, 101.3239



20.0972, 21.0422, 22.8172



0.0000, 0.0000, 0.0000



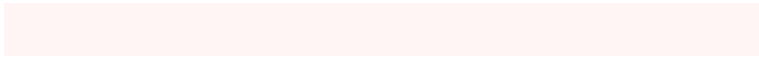
20.3446, 21.4041, 23.3091

Same Dimension

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



85.1604, 87.9253, 94.1455



90.2843, 93.0272, 99.4238



86.4930, 90.5906, 94.5897



18.3239, 18.8046, 20.0231



20.9129, 10.7824, 0.9790



1.9371, 0.9991, 0.0907

Inverse Universe

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



86.1072, 92.2614, 102.0780



91.3949, 98.1134, 108.7285



84.7416, 89.5302, 101.6228



18.5924, 20.0341, 22.2723



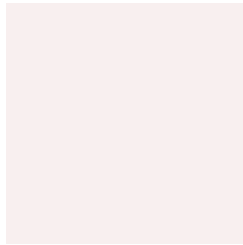
27.2665, 39.8886, 54.2357



2.5256, 3.6948, 5.0232

Previews

White Background



This preview shows how the XYZ color 85.1579, 87.9215, 94.1436 looks on a white background.

Color Contrast Check

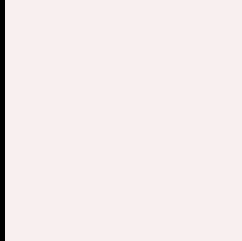
Large Text (above 18pt) WCAG AA × Fail

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 85.1579, 87.9215, 94.1436 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

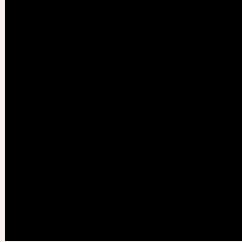
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

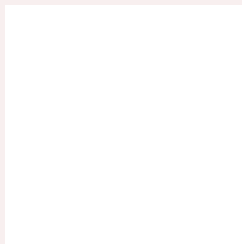
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 85.1579, 87.9215, 94.1436

Background



This preview shows how black text looks on a background with the XYZ color 85.1579, 87.9215, 94.1436.



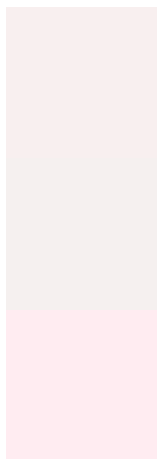
This preview shows how white text looks on a background with the XYZ color 85.1579, 87.9215,

94.1436.

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

85.1579, 87.9215, 94.1436

Protanopia

84.3963, 87.9646, 94.1921

Deuteranopia

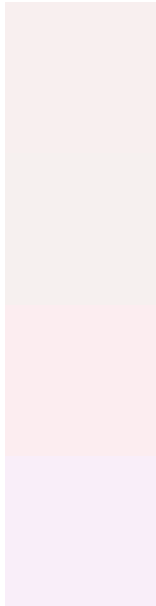
87.1126, 87.6018, 95.5366



Tritanopia

87.7585, 88.1124, 106.9898

Trichromacy



Original Color

85.1579, 87.9215, 94.1436

Protanomaly

84.7461, 88.1450, 94.2084

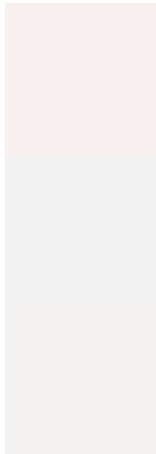
Deuteranomaly

86.1572, 87.5551, 94.7969

Tritanomaly

86.7403, 88.1284, 102.0613

Monochromacy



Original Color

85.1579, 87.9215, 94.1436

Achromatopsia

84.3971, 88.7923, 96.6948

Achromatomaly

84.6407, 88.4946, 95.8392

CSS Examples

Text

The CSS property to change the color of the text to XYZ 85.1579, 87.9215, 94.1436 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(248, 239, 239) looks like.

```
.text, #text, p{  
    color:rgb(248, 239, 239)  
}
```

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(248, 239, 239) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 239, 239) }
```

Border

The CSS property to change the border of an element to XYZ 85.1579, 87.9215, 94.1436 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(248, 239, 239) }
```


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

```
.border{ border-color:rgb(248, 239, 239) }
```

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

Here you see how a box with a 4 pixel `rgb(248, 239, 239)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 239, 239); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 239, 239);  
box-shadow:4px 4px 4px 4px rgb(248, 239,  
239) }
```

Background

The CSS property to change the background color of an element to XYZ 85.1579, 87.9215, 94.1436 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 239, 239) }
```

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

```
.background{ background-color: rgb(248,  
239, 239) }
```

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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