

Converting Colors

XYZ(82.2525, 86.4167, 93.8117)

Have a look what the booklet for
XYZ(82.2525, 86.4167, 93.8117)
contains.

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Color

**XYZ(82.3817, 86.4903,
94.0137)**

Conversions

Conversions Part 1

Format	Color
Hex	F0EFEF
RGB	240, 239, 239
RGB Percent	94%, 94%, 94%
CMY	0.0588, 0.0627, 0.0627
CMYK	0.00, 0.00, 0.00, 0.06
HSL	0°, 3%, 94%
HSV	0°, 0%, 94%
XYZ	82.3817, 86.4903, 94.0137
YIQ	239.2990, 0.5960, 0.2120

Conversions

Conversions Part 2

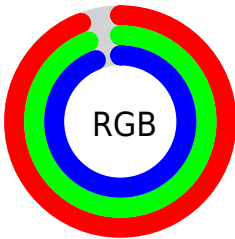
Format	Color
R_{YB}	240, 239, 239
Decimal	15790063
CIE Lab	94.52, 0.34, 0.11
CIE LCh	95, 0.355, 17.653
Yxy	86.4903, 0.3134, 0.3290
Android (android.graphics.Color)	4293980143 (0xFF0EFEF)
YUV	239.2990, -0.1474, 0.6148
Hunter-Lab	93.0002, -4.6308, 5.1640

Details

The XYZ color **82.3817, 86.4903, 94.0137** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **82.4850, 86.9611, 94.8771**, and the grayscale version is **82.2799, 86.5649, 94.2692**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **45.2479, 47.4762, 51.5788** is the 20% darker color. If you saturate the color by 10%, you get **72.5283, 72.0853, 74.3822**, and if you desaturate by 10%, it is **89.7457, 97.2655, 108.6518**.

Distribution



Red (94%)

Green (94%)

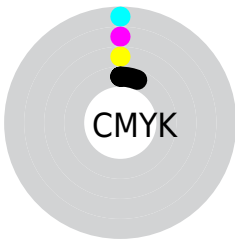
Blue (94%)



Red (94%)

Yellow (94%)

Blue (94%)



Cyan (0%)

Magenta (0%)

Yellow (0%)

Black (6%)



Cyan (6%)

Magenta (6%)

Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 82.3817, 86.4903, 94.0137 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 82.3817, 86.4903, 94.0137 by changing the saturation by 10% instead.

82.3817, 86.4903,
94.0137

82.3817, 86.4903,
94.0137

491.5387,
516.5465, 561.9061

61.9954, 65.0735,
70.7220

135.6422,
142.4535, 154.8851

45.2846, 47.5207,
51.6349

169.2471,
177.7687, 193.3019

31.8839, 33.4475,
36.3339

207.9888,
218.4854, 237.5975

21.4279, 22.4694,
24.4005

252.2329,
264.9881, 288.1904

13.5514, 14.2022,
15.4160

302.3445,
317.6612, 345.4992

7.8889, 8.2615,
8.9620

358.6892,

4.0752, 4.2627,

376.8890, 409.9424

4.6199

421.6321,
443.0560, 481.9385

■ 1.7447, 1.8216,
1.9712

■ 0.4840, 0.5006,
0.5375

■ 82.3817, 86.4903,
94.0137

■ 82.3817, 86.4903,
94.0137

■ 72.5283, 72.0853,
74.3822

■ 89.7457, 97.2655,
108.6518

■ 64.0144, 59.6362,
57.4280

■ 56.7842, 49.0622,
43.0369

■ 50.7756, 40.2724,
31.0842

■ 45.9211, 33.1686,
21.4349

■ 42.1468, 27.6428,
13.9409

■ 39.3702, 23.5748,
8.4367

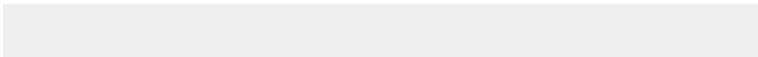
■ 37.4970, 20.8271,
4.7331

■ 36.4146, 19.2358,
2.6042

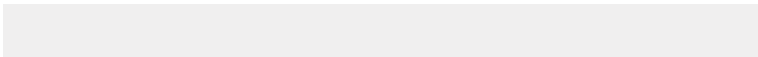
Harmonies

Analogous

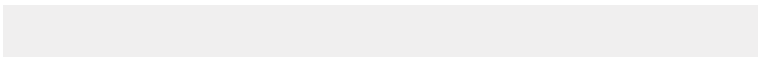
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



82.3861, 86.4903, 94.2858



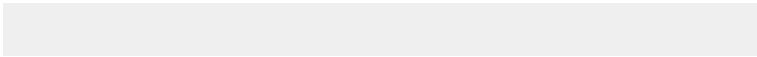
82.3817, 86.4903, 94.0137



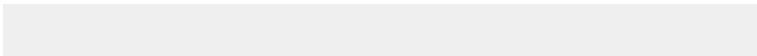
82.3303, 86.4903, 93.7847

Triad

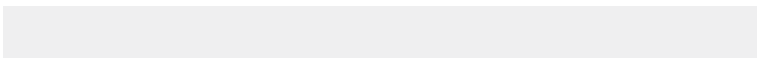
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



82.3817, 86.4903, 94.0137



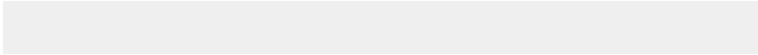
82.0707, 86.4903, 93.8191



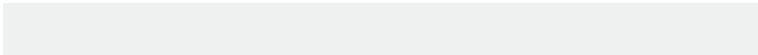
82.1671, 86.4903, 94.6884

Complementary

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



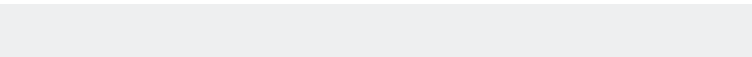
82.3817, 86.4903, 94.0137



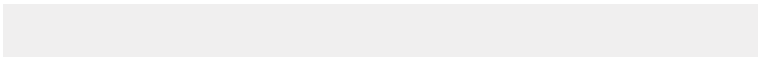
82.4850, 86.9611, 94.8771

Split Complementary

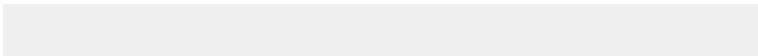
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



82.0827, 86.4903, 94.5628



82.3817, 86.4903, 94.0137



82.0270, 86.4903, 94.0607

Square

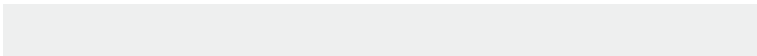
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



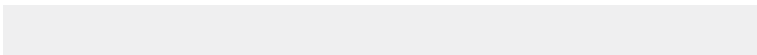
82.3817, 86.4903, 94.0137



82.1507, 86.4903, 93.6725



82.0314, 86.4903, 94.3329



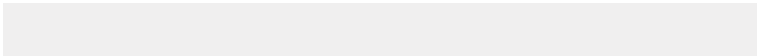
82.2622, 86.4903, 94.6757

Rectangle

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



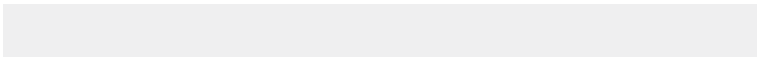
82.3817, 86.4903, 94.0137



82.2763, 86.4903, 93.6872



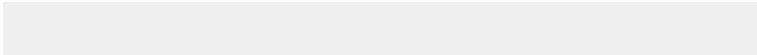
82.0314, 86.4903, 94.3329



82.1366, 86.4903, 94.6609

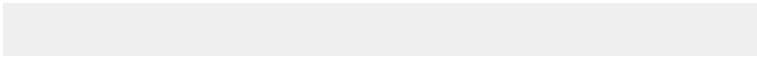
Sweetspot

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



82.3841, 86.4940, 94.0156

95.0500, 100.0000, 108.9000



82.5311, 86.5509, 94.7954



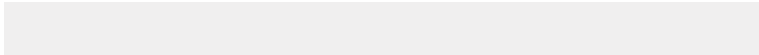
20.3446, 21.4041, 23.3091



0.0000, 0.0000, 0.0000

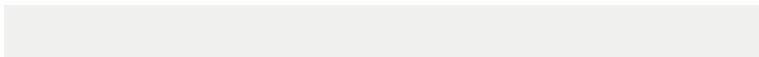
Same Dimension

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



82.3841, 86.4940, 94.0156

95.0500, 100.0000, 108.9000



82.5295, 86.7848, 94.0640



17.8044, 18.7317, 20.3988



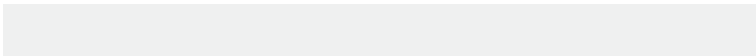
19.6796, 10.1572, 0.9233



1.6390, 0.8486, 0.0774

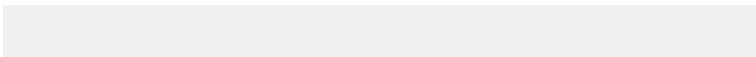
Inverse Universe

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



82.4850, 86.9611, 94.8771

95.0500, 100.0000, 108.9000



82.3392, 86.6695, 94.8285



17.8044, 18.7317, 20.3988



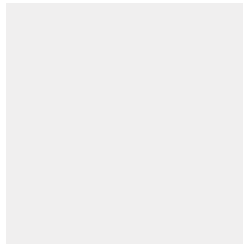
25.5133, 37.2509, 50.9733



2.1242, 3.1025, 4.2411

Previews

White Background



This preview shows how the XYZ color 82.3817, 86.4903, 94.0137 looks on a white background.

Color Contrast Check

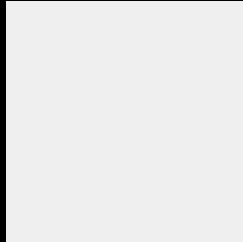
Large Text (above 18pt) WCAG AA × Fail

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 82.3817, 86.4903, 94.0137 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

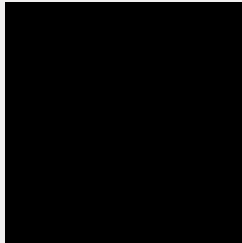
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

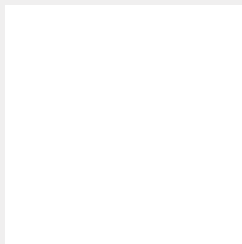
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 82.3817, 86.4903, 94.0137

Background



This preview shows how black text looks on a background with the XYZ color 82.3817, 86.4903, 94.0137.



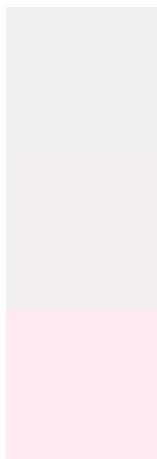
This preview shows how white text looks on a background with the XYZ color 82.3817, 86.4903,

94.037.

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

82.3817, 86.4903, 94.0137

Protanopia

82.9693, 86.3768, 93.1884

Deuteranopia

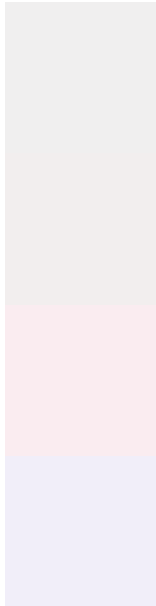
86.3910, 86.3969, 94.5611



Tritanopia

84.9521, 86.6656, 106.8584

Trichromacy



Original Color

82.3817, 86.4903, 94.0137

Protanomaly

82.6251, 86.1994, 93.1723

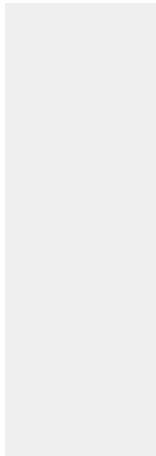
Deuteranomaly

85.1480, 86.6062, 94.6670

Tritanomaly

83.9490, 86.6894, 101.9307

Monochromacy



Original Color

82.3817, 86.4903, 94.0137

Achromatopsia

82.0431, 86.3157, 93.9978

Achromatomaly

82.0431, 86.3157, 93.9978

CSS Examples

Text

The CSS property to change the color of the text to XYZ 82.3817, 86.4903, 94.0137 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(240, 239, 239) looks like.

```
.text, #text, p{  
    color:rgb(240, 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(240, 239, 239) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 239, 239) }
```

Border

The CSS property to change the border of an element to XYZ 82.3817, 86.4903, 94.0137 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(240, 239, 239) }
```

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

```
.border{ border-color:rgb(240, 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(240, 239, 239) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 239, 239); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 239, 239);  
box-shadow:4px 4px 4px 4px rgb(240, 239,  
239) }
```


Background

The CSS property to change the background color of an element to XYZ 82.3817, 86.4903, 94.0137 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 239, 239) }
```

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

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