

Converting Colors

XYZ(83.1265, 87.0265, 94.8038)

Have a look what the booklet for
XYZ(83.1265, 87.0265, 94.8038)
contains.

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Color

**XYZ(82.8703, 86.7250,
94.8099)**

Conversions

Conversions Part 1

Format	Color
Hex	F1EFF0
RGB	241, 239, 240
RGB Percent	95%, 94%, 94%
CMY	0.0549, 0.0627, 0.0588
CMYK	0.00, 0.01, 0.00, 0.05
HSL	330°, 7%, 94%
HSV	330°, 1%, 95%
XYZ	82.8703, 86.7250, 94.8099
YIQ	239.7120, 0.8710, 0.7350

Conversions

Conversions Part 2

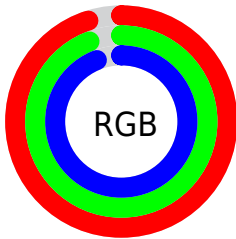
Format	Color
RYB	241, 239, 240
Decimal	15855600
CIELab	94.62, 0.85, -0.26
CIELCh	95, 0.886, 343.194
Yxy	86.7250, 0.3134, 0.3280
Android (android.graphics.Color)	4294045680 (0xFFFF1EFF0)
YUV	239.7120, 0.1420, 1.1296
Hunter-Lab	93.1263, -4.1291, 4.8265

Details

The XYZ color **82.8703, 86.7250, 94.8099** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **82.7833, 87.5549, 94.9791**, and the grayscale version is **82.5998, 86.9014, 94.6357**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **45.5928, 47.6420, 52.1402** is the 20% darker color. If you saturate the color by 10%, you get **74.5460, 72.8512, 83.4784**, and if you desaturate by 10%, it is **89.6190, 97.2542, 106.2073**.

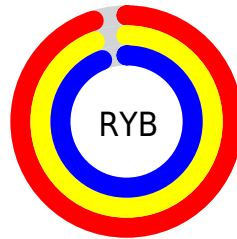
Distribution



Red (95%)

Green (94%)

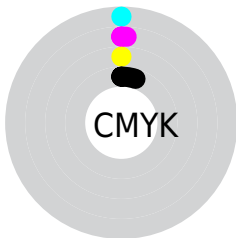
Blue (94%)



Red (95%)

Yellow (94%)

Blue (94%)

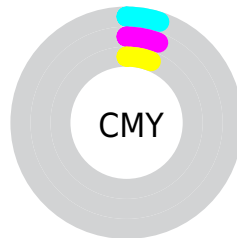


Cyan (0%)

Magenta (1%)

Yellow (0%)

Black (5%)



Cyan (5%)

Magenta (6%)

Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 82.8703, 86.7250, 94.8099 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 82.8703, 86.7250, 94.8099 by changing the saturation by 10% instead.

82.8703, 86.7250,
94.8099

82.8703, 86.7250,
94.8099

493.1446,
517.3188, 564.5250

62.3997, 65.2677,
71.3808

136.3233,
142.7808, 155.9953

45.6126, 47.6781,
52.1692

170.0363,
178.1480, 194.5886

32.1435, 33.5721,
36.7568

208.8943,
218.9206, 239.0737

21.6272, 22.5650,
24.7250

253.2625,
265.4831, 289.8691

13.6983, 14.2727,
15.6551

303.5063,
318.2197, 347.3934

7.9914, 8.3106,
9.1287

359.9910,

4.1412, 4.2943,

377.5149, 412.0651

4.7273

423.0820,
443.7532, 484.3028

■ 1.7823, 1.8395,
2.0322

■ 0.5070, 0.5116,
0.5750

■ 82.8703, 86.7250,
94.8099

■ 82.8703, 86.7250,
94.8099

■ 74.5460, 72.8512,
83.4784

■ 89.6190, 97.2542,
106.2073

■ 67.2402, 60.8280,
73.0628

■ 90.0862, 97.4411,
108.6677

■ 60.9134, 50.5796,
63.5395

■ 55.5210, 42.0202,
54.8814

■ 51.0147, 35.0573,
47.0599

■ 47.3414, 29.5892,
40.0445

■ 44.4422, 25.5023,
33.8020

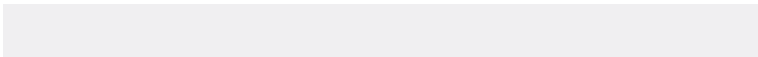
■ 42.2499, 22.6665,
28.2960

■ 40.6843, 20.9265,
23.4852

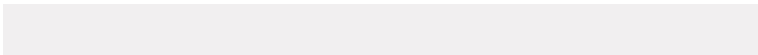
Harmonies

Analogous

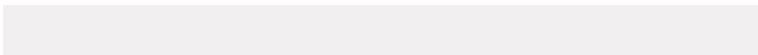
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



82.7445, 86.7250, 95.3917



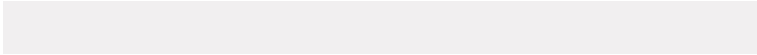
82.8703, 86.7250, 94.8099



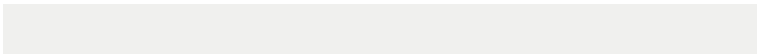
82.8778, 86.7250, 94.1286

Triad

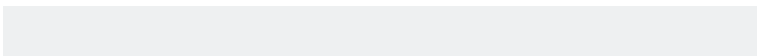
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



82.8703, 86.7250, 94.8099



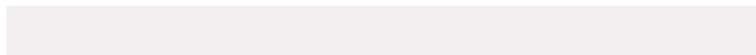
82.3246, 86.7250, 93.1530



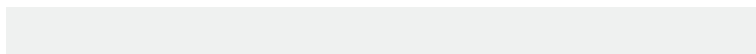
82.0949, 86.7250, 95.3327

Complementary

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



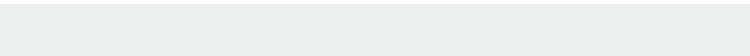
82.8703, 86.7250, 94.8099



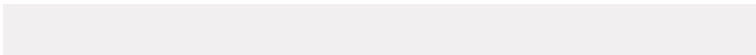
82.7833, 87.5549, 94.9791

Split Complementary

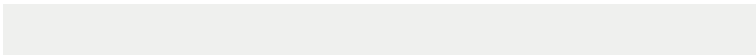
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



81.9828, 86.7250, 94.7296



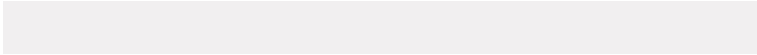
82.8703, 86.7250, 94.8099



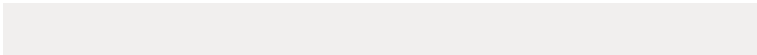
82.1153, 86.7250, 93.4723

Square

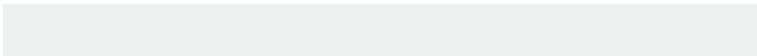
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



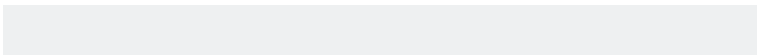
82.8703, 86.7250, 94.8099



82.5625, 86.7250, 93.1742



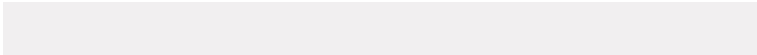
81.9903, 86.7250, 94.0487



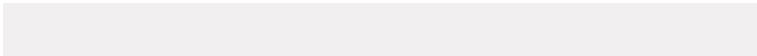
82.2967, 86.7250, 95.6945

Rectangle

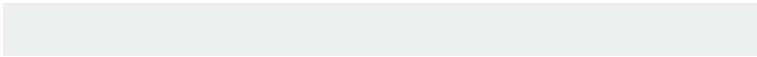
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



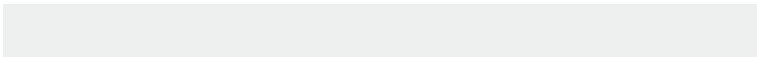
82.8703, 86.7250, 94.8099



82.8147, 86.7250, 93.7099



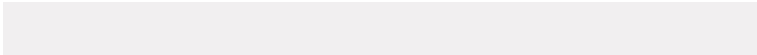
81.9903, 86.7250, 94.0487



82.0455, 86.7250, 95.1513

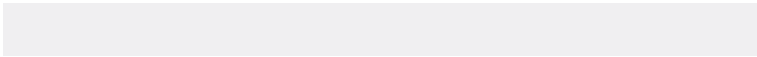
Sweetspot

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



82.8728, 86.7287, 94.8118

95.0500, 100.0000, 108.9000



82.6820, 86.6132, 95.5806



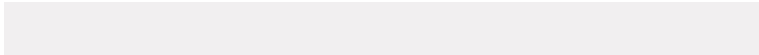
20.3446, 21.4041, 23.3091



0.0000, 0.0000, 0.0000

Same Dimension

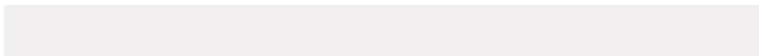
The Same Dimension uses a secret algorithm to generate beautiful new colors.



82.8728, 86.7287, 94.8118



94.0369, 98.3018, 107.5509



82.7252, 86.6697, 94.0346



17.6251, 18.4311, 20.1601



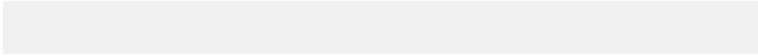
21.5864, 10.9070, 11.0044



1.8460, 0.9274, 1.1799

Inverse Universe

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



82.8728, 86.7287, 94.8118



94.0369, 98.3018, 107.5509



82.9317, 87.6142, 95.7607



17.6251, 18.4311, 20.1601



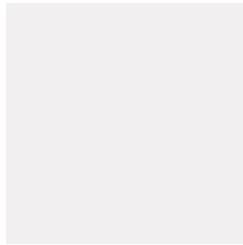
21.5864, 10.9070, 11.0044



1.8460, 0.9274, 1.1799

Previews

White Background



This preview shows how the XYZ color 82.8703, 86.7250, 94.8099 looks on a white background.

Color Contrast Check

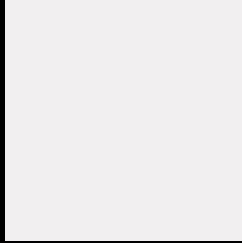
Large Text (above 18pt) WCAG AA × Fail

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 82.8703, 86.7250, 94.8099 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

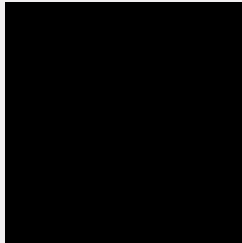
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

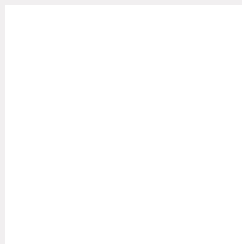
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 82.8703, 86.7250, 94.8099

Background



This preview shows how black text looks on a background with the XYZ color 82.8703, 86.7250, 94.8099.



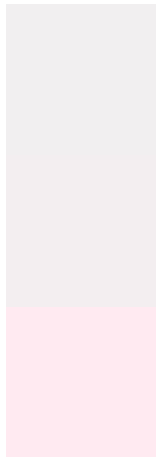
This preview shows how white text looks on a background with the XYZ color 82.8703, 86.7250,

94.8999.

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

82.8703, 86.7250, 94.8099

Protanopia

83.2649, 86.4950, 94.7448

Deuteranopia

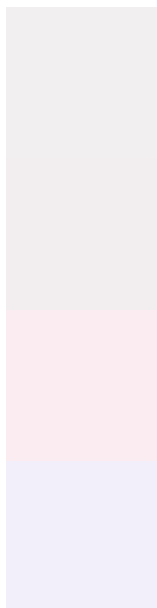
86.5400, 86.4565, 95.3457



Tritanopia

85.2963, 86.8431, 106.8745

Trichromacy



Original Color

82.8703, 86.7250, 94.8099

Protanomaly

82.9207, 86.3176, 94.7286

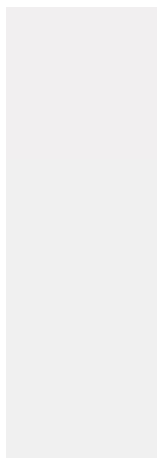
Deuteranomaly

85.2970, 86.6658, 95.4516

Tritanomaly

84.4478, 86.9284, 102.7705

Monochromacy



Original Color

82.8703, 86.7250, 94.8099

Achromatopsia

82.8234, 87.1367, 94.8919

Achromatomaly

82.8234, 87.1367, 94.8919

CSS Examples

Text

The CSS property to change the color of the text to XYZ 82.8703, 86.7250, 94.8099 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(241, 239, 240) looks like.

```
.text, #text, p{  
    color:rgb(241, 239, 240)  
}
```

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(241, 239, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 239, 240) }
```

Border

The CSS property to change the border of an element to XYZ 82.8703, 86.7250, 94.8099 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(241, 239, 240) }
```

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

```
.border{ border-color:rgb(241, 239, 240) }
```

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

Here you see how a box with a 4 pixel rgb(241, 239, 240) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 239, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 239, 240);  
box-shadow:4px 4px 4px 4px rgb(241, 239,  
240) }
```


Background

The CSS property to change the background color of an element to XYZ 82.8703, 86.7250, 94.8099 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 239, 240) }
```

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

```
.background{ background-color: rgb(241,  
239, 240) }
```

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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