

Converting Colors

XYZ(82.6620, 86.2583, 95.0720)

Have a look what the booklet for
XYZ(82.6620, 86.2583, 95.0720)
contains.

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Color

**XYZ(82.5783, 86.1411,
94.7126)**

Conversions

Conversions Part 1

Format	Color
Hex	F1EEF0
RGB	241, 238, 240
RGB Percent	95%, 93%, 94%
CMY	0.0549, 0.0666, 0.0588
CMYK	0.00, 0.01, 0.00, 0.05
HSL	320°, 10%, 94%
HSV	320°, 1%, 95%
XYZ	82.5783, 86.1411, 94.7126
YIQ	239.1250, 1.1460, 1.2580

Conversions

Conversions Part 2

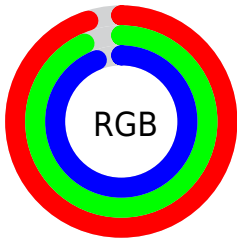
Format	Color
R _Y B	241, 238, 240
Decimal	15855344
CIE Lab	94.37, 1.36, -0.62
CIE LCh	94, 1.494, 335.484
Yxy	86.1411, 0.3135, 0.3270
Android (android.graphics.Color)	4294045424 (0xFFFF1EEF0)
YUV	239.1250, 0.4314, 1.6444
Hunter-Lab	92.8122, -3.6037, 4.4646

Details

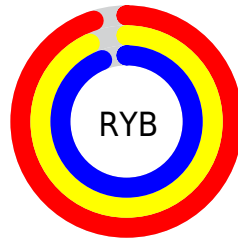
The XYZ color **82.5783, 86.1411, 94.7126** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **82.2984, 87.3219, 94.1829**, and the grayscale version is **82.1396, 86.4173, 94.1084**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **45.3873, 47.2309, 52.0717** is the 20% darker color. If you saturate the color by 10%, you get **74.8583, 72.5702, 86.3747**, and if you desaturate by 10%, it is **88.9864, 97.0011, 102.8767**.

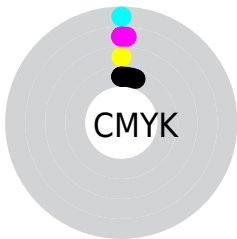
Distribution



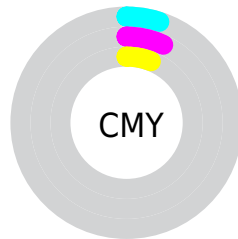
- Red (95%)
- Green (93%)
- Blue (94%)



- Red (95%)
- Yellow (93%)
- Blue (94%)



- Cyan (0%)
- Magenta (1%)
- Yellow (0%)
- Black (5%)



- Cyan (5%)
- Magenta (7%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 82.5783, 86.1411, 94.7126 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 82.5783, 86.1411, 94.7126 by changing the saturation by 10% instead.

82.5783, 86.1411,
94.7126

82.5783, 86.1411,
94.7126

492.1852,
515.3964, 564.2053

62.1581, 64.7847,
71.3002

135.9163,
141.9664, 155.8597

45.4165, 47.2865,
52.1039

169.5647,
177.2040, 194.4314

31.9883, 33.2622,
36.7051

208.3533,
217.8375, 238.8934

21.5081, 22.3274,
24.6852

252.6473,
264.2512, 289.6641

13.6105, 14.0976,
15.6258

302.8122,
316.8295, 347.1621

7.9301, 8.1886,
9.1083

359.2132,

4.1017, 4.2159,

375.9569, 411.8060

4.7141

422.2158,
442.0177, 484.0142

■ 1.7598, 1.7950,
2.0247

■ 0.4933, 0.4841,
0.5704

■ 82.5783, 86.1411,
94.7126

■ 82.5783, 86.1411,
94.7126

■ 74.8583, 72.5702,
86.3747

■ 88.9864, 97.0011,
102.8767

■ 68.0904, 60.8209,
78.6112

■ 90.0861, 97.4410,
108.6677

■ 62.2368, 50.8176,
71.4070

■ 57.2544, 42.4753,
64.7443

■ 53.0965, 35.7017,
58.6040

■ 49.7118, 30.3953,
52.9654

■ 47.0430, 26.4429,
47.8056

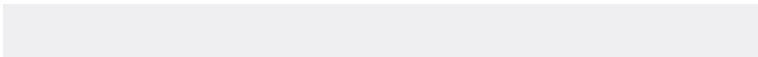
■ 45.0246, 23.7143,
43.0991

■ 43.5778, 22.0538,
38.8156

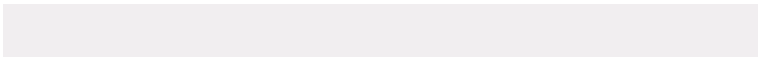
Harmonies

Analogous

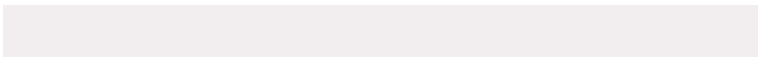
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



82.3231, 86.1411, 95.6032



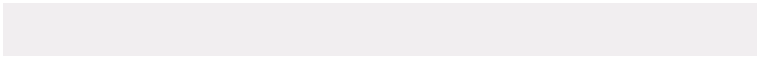
82.5783, 86.1411, 94.7126



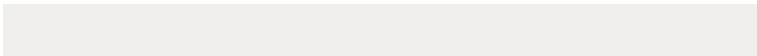
82.6447, 86.1411, 93.5821

Triad

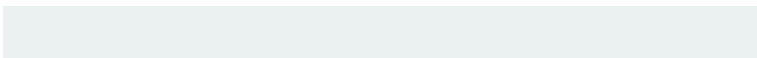
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



82.5783, 86.1411, 94.7126



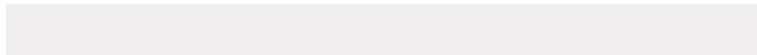
81.8008, 86.1411, 91.6113



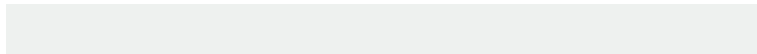
81.2481, 86.1411, 95.0811

Complementary

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



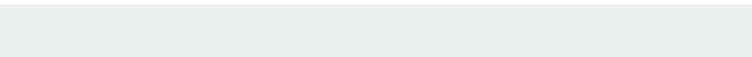
82.5783, 86.1411, 94.7126



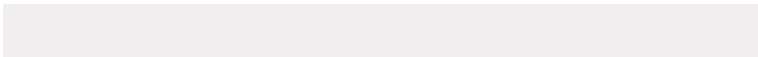
82.2984, 87.3219, 94.1829

Split Complementary

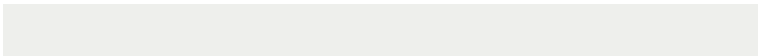
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



81.1092, 86.1411, 94.0043



82.5783, 86.1411, 94.7126



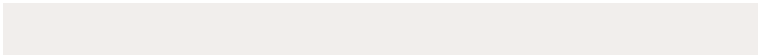
81.4276, 86.1411, 92.0058

Square

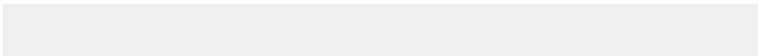
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



82.5783, 86.1411, 94.7126



82.1950, 86.1411, 91.7975



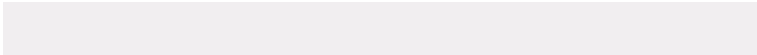
81.1748, 86.1411, 92.8794



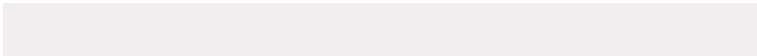
81.5549, 86.1411, 95.8172

Rectangle

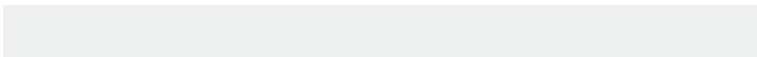
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



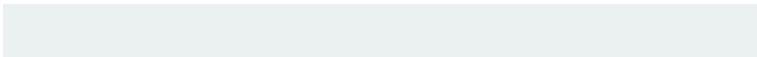
82.5783, 86.1411, 94.7126



82.5728, 86.1411, 92.8458



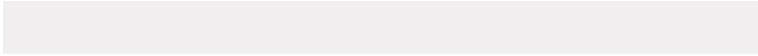
81.1748, 86.1411, 92.8794



81.1802, 86.1411, 94.7466

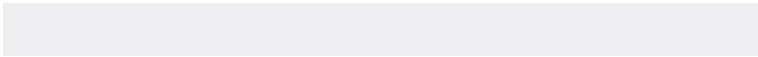
Sweetspot

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



82.5807, 86.1448, 94.7145

95.0500, 100.0000, 108.9000



82.0517, 85.8548, 95.4673



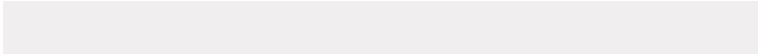
20.3446, 21.4041, 23.3091



0.0000, 0.0000, 0.0000

Same Dimension

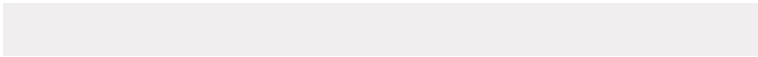
The Same Dimension uses a secret algorithm to generate beautiful new colors.



82.5807, 86.1448, 94.7145



94.1052, 98.3291, 107.9106



82.3593, 86.0562, 93.5482



17.6372, 18.4359, 20.2237



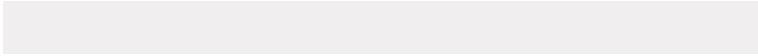
23.2044, 11.5542, 19.5246



1.9764, 0.9796, 1.8663

Inverse Universe

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



82.5807, 86.1448, 94.7145



94.1052, 98.3291, 107.9106



82.5204, 87.4107, 95.3524



17.6372, 18.4359, 20.2237



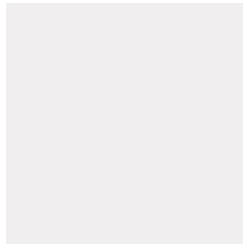
23.2044, 11.5542, 19.5246



1.9764, 0.9796, 1.8663

Previews

White Background



This preview shows how the XYZ color 82.5783, 86.1411, 94.7126 looks on a white background.

Color Contrast Check

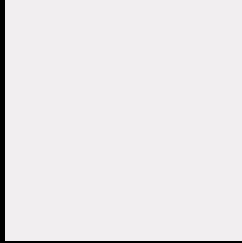
Large Text (above 18pt) WCAG AA × Fail

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 82.5783, 86.1411, 94.7126 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

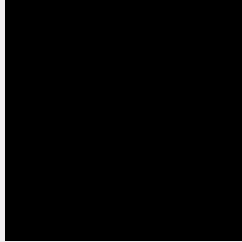
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

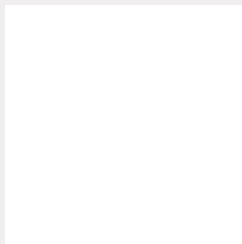
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 82.5783, 86.1411, 94.7126

Background



This preview shows how black text looks on a background with the XYZ color 82.5783, 86.1411, 94.7126.



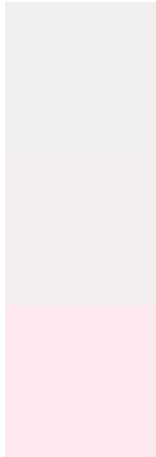
This preview shows how white text looks on a background with the XYZ color 82.5783, 86.1411,

94.7 26.

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

82.5783, 86.1411, 94.7126

Protanopia

83.2649, 86.4950, 94.7448

Deuteranopia

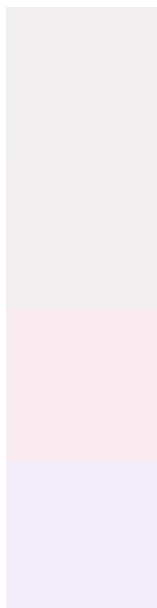
86.2561, 85.8887, 95.2511



Tritanopia

84.8470, 86.2013, 105.9325

Trichromacy



Original Color

82.5783, 86.1411, 94.7126

Protanomaly

82.9207, 86.3176, 94.7286

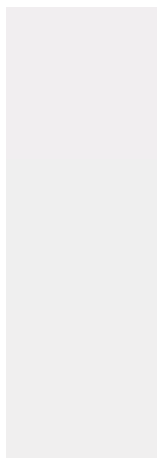
Deuteranomaly

85.0099, 86.0915, 95.3559

Tritanomaly

84.0010, 86.2852, 101.8499

Monochromacy



Original Color

82.5783, 86.1411, 94.7126

Achromatopsia

82.0431, 86.3157, 93.9978

Achromatomaly

82.3817, 86.4903, 94.0137

CSS Examples

Text

The CSS property to change the color of the text to XYZ 82.5783, 86.1411, 94.7126 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, 238, 240) looks like.

```
.text, #text, p{  
    color:rgb(241, 238, 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, 238, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 238, 240) }
```

Border

The CSS property to change the border of an element to XYZ 82.5783, 86.1411, 94.7126 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, 238, 240) }
```

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

```
.border{ border-color:rgb(241, 238, 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, 238, 240)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 238, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 238, 240);  
box-shadow:4px 4px 4px 4px rgb(241, 238,  
240) }
```


Background

The CSS property to change the background color of an element to XYZ 82.5783, 86.1411, 94.7126 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 238, 240) }
```

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

```
.background{ background-color: rgb(241,  
238, 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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[Learn more, Memberships starting at \\$2.50/m!](#)

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