

Converting Colors

XYZ(82.2125, 86.8990, 93.3695)

Have a look what the booklet for
XYZ(82.2125, 86.8990, 93.3695)
contains.

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Color

**XYZ(82.1893, 86.8439,
93.3196)**

Conversions

Conversions Part 1

Format	Color
Hex	EFF0EE
RGB	239, 240, 238
RGB Percent	94%, 94%, 93%
CMY	0.0627, 0.0588, 0.0667
CMYK	0.00, 0.00, 0.01, 0.06
HSL	90°, 6%, 94%
HSV	90°, 1%, 94%
XYZ	82.1893, 86.8439, 93.3196
YIQ	239.4730, 0.0460, -0.8340

Conversions

Conversions Part 2

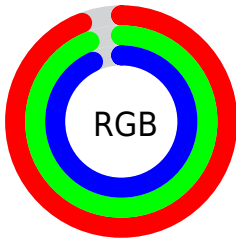
Format	Color
R _Y B	238, 240, 239
Decimal	15724782
CIE Lab	94.67, -0.68, 0.84
CIE LCh	95, 1.079, 129.155
Yxy	86.8439, 0.3133, 0.3310
Android (android.graphics.Color)	4293914862 (0xFFEFF0EE)
YUV	239.4730, -0.7262, -0.4148
Hunter-Lab	93.1901, -5.6540, 5.8606

Details

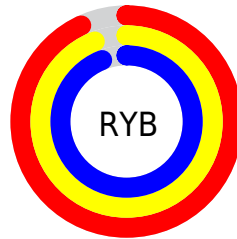
The XYZ color **82.1893, 86.8439, 93.3196** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **81.9025, 85.7933, 94.6855**, and the grayscale version is **82.4202, 86.7125, 94.4299**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **45.1124, 47.7257, 51.0903** is the 20% darker color. If you saturate the color by 10%, you get **74.9709, 83.5058, 75.7859**, and if you desaturate by 10%, it is **89.0048, 90.0575, 107.2995**.

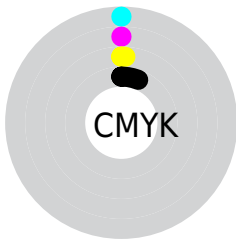
Distribution



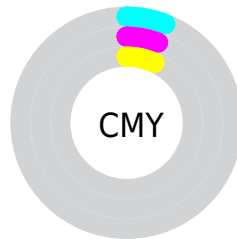
- Red (94%)
- Green (94%)
- Blue (93%)



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



- Cyan (0%)
- Magenta (0%)
- Yellow (1%)
- Black (6%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 82.1893, 86.8439, 93.3196 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 82.1893, 86.8439, 93.3196 by changing the saturation by 10% instead.

82.1893, 86.8439,
93.3196

82.1893, 86.8439,
93.3196

490.9056,
517.7098, 559.6176

61.8362, 65.3660,
70.1480

135.3739,
142.9465, 153.9165

45.1555, 47.7579,
51.1697

168.9361,
178.3401, 192.1790

31.7817, 33.6352,
35.9660

207.6320,
219.1410, 236.3088

21.3496, 22.6135,
24.1184

251.8271,
265.7337, 286.7246

13.4937, 14.3084,
15.2085

301.8866,
318.5025, 343.8448

7.8487, 8.3355,
8.8176

358.1760,

4.0493, 4.3104,

377.8319, 408.0880

4.5272

421.0605,
444.1062, 479.8728

■ 1.7300, 1.8486,
1.9188

■ 0.4750, 0.5172,
0.5047

■ 82.1893, 86.8439,
93.3196

■ 82.1893, 86.8439,
93.3196

■ 74.9709, 83.5058,
75.7859

■ 89.0048, 90.0575,
107.2995

■ 68.4666, 80.4811,
60.6413

■ 90.4517, 90.8035,
107.3672

■ 62.6538, 77.7631,
47.7840

■ 57.5059, 75.3404,
37.1022

■ 52.9943, 73.2008,
28.4753

■ 49.0878, 71.3313,
21.7704

■ 45.7523, 69.7175,
16.8394

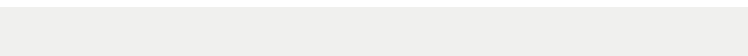
■ 42.9491, 68.3431,
13.5124

■ 40.6329, 67.1893,
11.5861

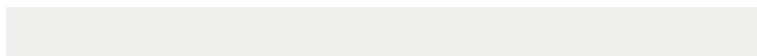
Harmonies

Analogous

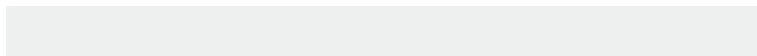
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



82.4534, 86.8439, 92.9831



82.1893, 86.8439, 93.3196



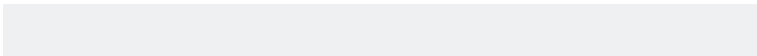
82.0201, 86.8439, 93.9885

Triad

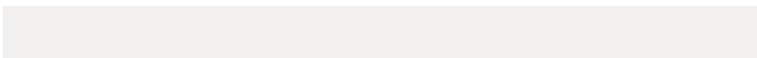
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



82.1893, 86.8439, 93.3196



82.3433, 86.8439, 96.0656



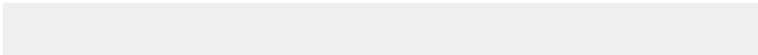
83.0968, 86.8439, 94.3032

Complementary

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



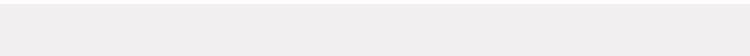
82.1893, 86.8439, 93.3196



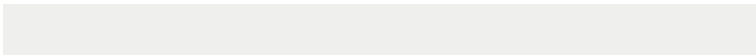
81.9025, 85.7933, 94.6855

Split Complementary

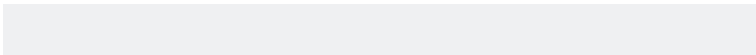
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



83.0672, 86.8439, 95.1303



82.1893, 86.8439, 93.3196



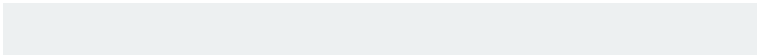
82.6317, 86.8439, 96.1510

Square

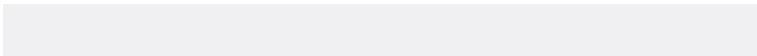
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



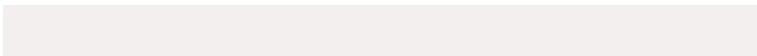
82.1893, 86.8439, 93.3196



82.1089, 86.8439, 95.5749



82.8968, 86.8439, 95.8078



82.9777, 86.8439, 93.5488

Rectangle

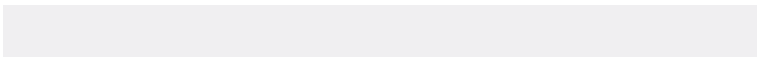
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



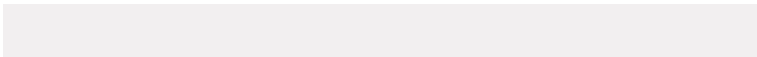
82.1893, 86.8439, 93.3196



81.9836, 86.8439, 94.5346



82.8968, 86.8439, 95.8078



83.1039, 86.8439, 94.5819

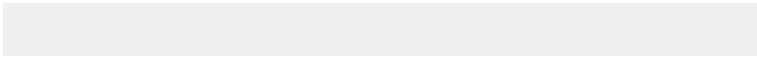
Sweetspot

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



82.1918, 86.8476, 93.3215

95.0500, 100.0000, 108.9000



82.2375, 86.4345, 93.2393



20.3446, 21.4041, 23.3091



0.0000, 0.0000, 0.0000

Same Dimension

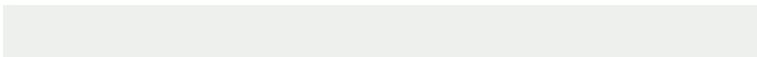
The Same Dimension uses a secret algorithm to generate beautiful new colors.



82.1918, 86.8476, 93.3215



94.1736, 99.5953, 106.7301



81.8551, 86.6741, 93.3057



17.6494, 18.6601, 20.0148



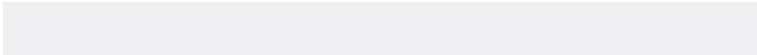
21.4328, 36.3706, 5.8906



1.8977, 3.0848, 0.4954

Inverse Universe

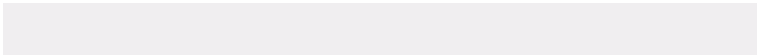
The Inverse Universe completely reimagines the original color for something new.



81.9025, 85.7933, 94.6855



93.7753, 98.1433, 108.6088



82.2411, 85.9679, 94.7013



17.5789, 18.4031, 20.3472



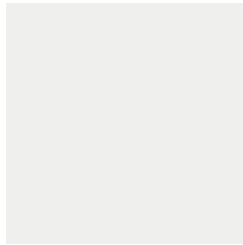
13.0219, 5.7184, 45.5453



1.1981, 0.5349, 3.7943

Previews

White Background



This preview shows how the XYZ color 82.1893, 86.8439, 93.3196 looks on a white background.

Color Contrast Check

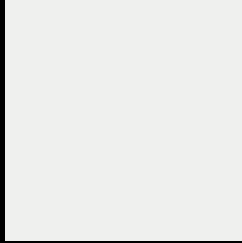
Large Text (above 18pt) WCAG AA × Fail

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 82.1893, 86.8439, 93.3196 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

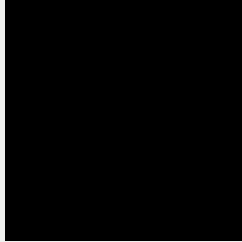
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

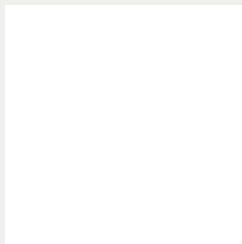
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 82.1893, 86.8439, 93.3196

Background



This preview shows how black text looks on a background with the XYZ color 82.1893, 86.8439, 93.3196.



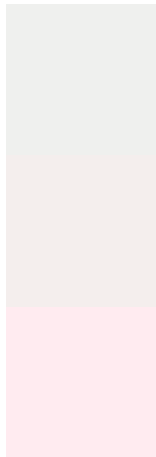
This preview shows how white text looks on a background with the XYZ color 82.1893, 86.8439,

93.3 96.

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

82.1893, 86.8439, 93.3196

Protanopia

83.1688, 86.4966, 92.4328

Deuteranopia

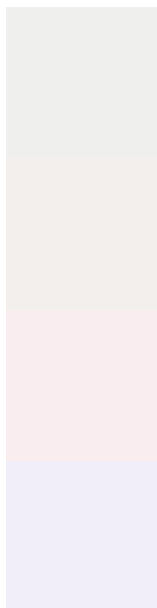
86.6765, 86.9679, 94.6562



Tritanopia

84.9521, 86.6656, 106.8584

Trichromacy



Original Color

82.1893, 86.8439, 93.3196

Protanomaly

82.7705, 86.7247, 92.4978

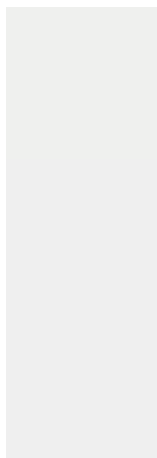
Deuteranomaly

84.9311, 86.9401, 93.9661

Tritanomaly

83.9490, 86.6894, 101.9307

Monochromacy



Original Color

82.1893, 86.8439, 93.3196

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 82.1893, 86.8439, 93.3196 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(239, 240, 238) looks like.

```
.text, #text, p{  
    color:rgb(239, 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(239, 240, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 240, 238) }
```

Border

The CSS property to change the border of an element to XYZ 82.1893, 86.8439, 93.3196 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(239, 240, 238) }
```

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

```
.border{ border-color:rgb(239, 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(239, 240, 238) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 240, 238); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 240, 238);  
box-shadow:4px 4px 4px 4px rgb(239, 240,  
238) }
```


Background

The CSS property to change the background color of an element to XYZ 82.1893, 86.8439, 93.3196 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 240, 238) }
```

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

```
.background{ background-color: rgb(239,  
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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