

Converting Colors

XYZ(82.6770, 87.4328, 94.1386)

Have a look what the booklet for
XYZ(82.6770, 87.4328, 94.1386)
contains.

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Color

**XYZ(82.6319, 87.4933,
94.1941)**

Conversions

Conversions Part 1

Format	Color
Hex	EFF1EF
RGB	239, 241, 239
RGB Percent	94%, 95%, 94%
CMY	0.0627, 0.0549, 0.0627
CMYK	0.01, 0.00, 0.01, 0.05
HSL	120°, 7%, 94%
HSV	120°, 1%, 95%
XYZ	82.6319, 87.4933, 94.1941
YIQ	240.1740, -0.5500, -1.0460

Conversions

Conversions Part 2

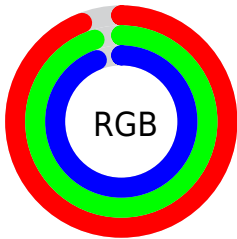
Format	Color
R _Y B	239, 241, 241
Decimal	15725039
CIE Lab	94.95, -1.01, 0.72
CIE LCh	95, 1.243, 144.634
Yxy	87.4933, 0.3126, 0.3310
Android (android.graphics.Color)	4293915119 (0xFFEFF1EF)
YUV	240.1740, -0.5788, -1.0296
Hunter-Lab	93.5379, -6.0033, 5.7705

Details

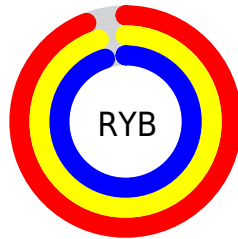
The XYZ color **82.6319, 87.4933, 94.1941** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **83.0226, 86.7869, 95.5993**, and the grayscale version is **82.9675, 87.2883, 95.0569**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **45.4246, 48.1841, 51.7061** is the 20% darker color. If you saturate the color by 10%, you get **71.7054, 82.2473, 76.3201**, and if you desaturate by 10%, it is **90.7470, 91.3940, 107.4657**.

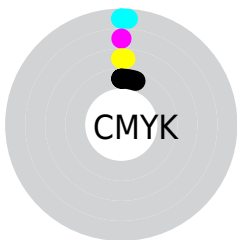
Distribution



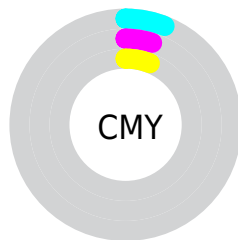
- Red (94%)
- Green (95%)
- Blue (94%)



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



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



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 82.6319, 87.4933, 94.1941 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 82.6319, 87.4933, 94.1941 by changing the saturation by 10% instead.

82.6319, 87.4933,
94.1941

82.6319, 87.4933,
94.1941

492.3614,
519.8425, 562.5000

62.2024, 65.9035,
70.8712

135.9910,
143.8515, 155.1367

45.4525, 48.1941,
51.7559

169.6513,
179.3887, 193.5936

32.0168, 33.9806,
36.4297

208.4526,
220.3439, 237.9322

21.5299, 22.8787,
24.4739

252.7603,
267.1014, 288.5710

13.6266, 14.5040,
15.4701

302.9396,
320.0456, 345.9287

7.9414, 8.4720,
8.9997

359.3560,

4.1089, 4.3984,

379.5609, 410.4237

4.6442

422.3748,
446.0317, 482.4747

■ 1.7639, 1.8988,
1.9850

■ 0.4958, 0.5477,
0.5460

■ 82.6319, 87.4933,
94.1941

■ 82.6319, 87.4933,
94.1941

■ 71.7054, 82.2473,
76.3201

■ 90.7470, 91.3940,
107.4657

■ 62.2750, 77.7174,
60.8952

■ 54.2776, 73.8759,
47.8142

■ 47.6434, 70.6891,
36.9627

■ 42.2962, 68.1205,
28.2164

■ 38.1526, 66.1302,
21.4387

■ 35.1194, 64.6732,
16.4772

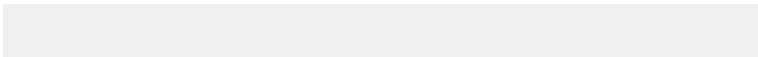
■ 33.0898, 63.6983,
13.1570

■ 31.9358, 63.1440,
11.2692

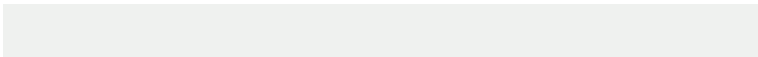
Harmonies

Analogous

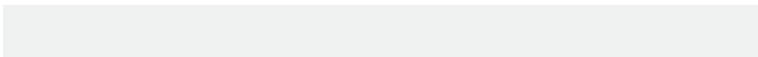
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



82.8897, 87.4933, 93.5866



82.6319, 87.4933, 94.1941



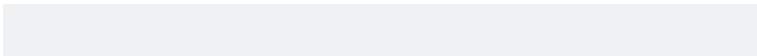
82.5156, 87.4933, 95.0917

Triad

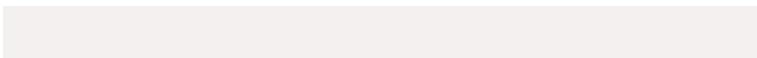
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



82.6319, 87.4933, 94.1941



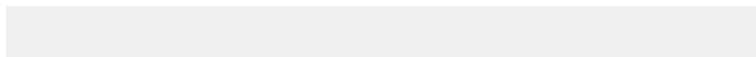
83.0991, 87.4933, 97.1269



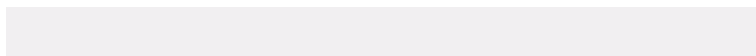
83.7508, 87.4933, 94.4931

Complementary

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



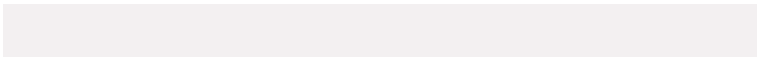
82.6319, 87.4933, 94.1941



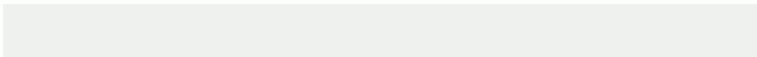
83.0226, 86.7869, 95.5993

Split Complementary

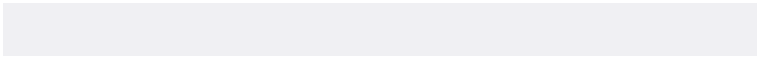
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



83.8073, 87.4933, 95.4392



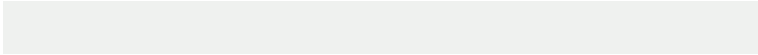
82.6319, 87.4933, 94.1941



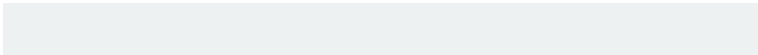
83.4304, 87.4933, 96.9640

Square

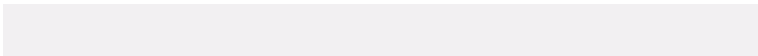
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



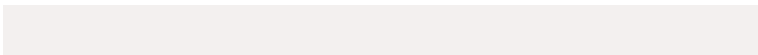
82.6319, 87.4933, 94.1941



82.7849, 87.4933, 96.7883



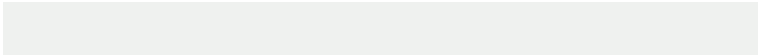
83.6899, 87.4933, 96.3447



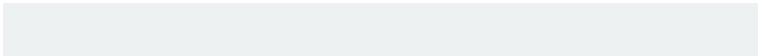
83.5358, 87.4933, 93.7584

Rectangle

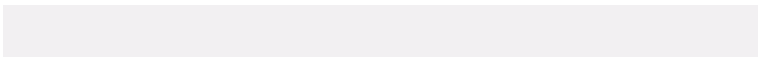
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



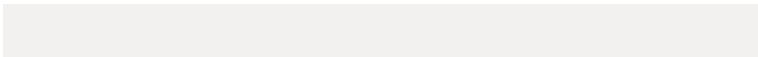
82.6319, 87.4933, 94.1941



82.5337, 87.4933, 95.7355



83.6899, 87.4933, 96.3447



83.7890, 87.4933, 94.7967

Sweetspot

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



82.6344, 87.4971, 94.1960

95.0500, 100.0000, 108.9000



83.3148, 87.8478, 94.2278



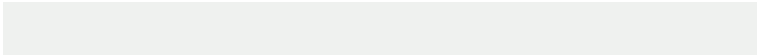
20.3446, 21.4041, 23.3091



0.0000, 0.0000, 0.0000

Same Dimension

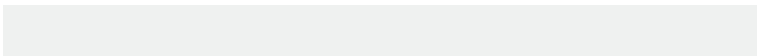
The Same Dimension uses a secret algorithm to generate beautiful new colors.



82.6344, 87.4971, 94.1960



93.7102, 99.3564, 106.7085



82.7829, 87.5564, 94.9779



17.5673, 18.6178, 20.0109



17.0576, 34.1150, 5.6861



1.4190, 2.8381, 0.4731

Inverse Universe

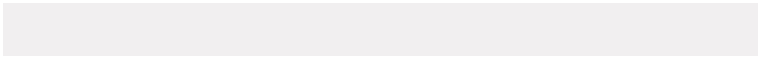
The Inverse Universe completely reimagines the original color for something new.



83.0226, 86.7869, 95.5993



94.2419, 98.3838, 108.6305



82.8733, 86.7272, 94.8131



17.6614, 18.4456, 20.3511



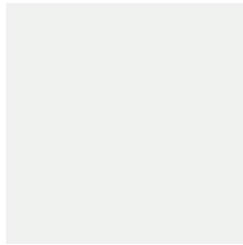
28.2805, 13.5846, 46.2551



2.3527, 1.1301, 3.8480

Previews

White Background



This preview shows how the XYZ color 82.6319, 87.4933, 94.1941 looks on a white background.

Color Contrast Check

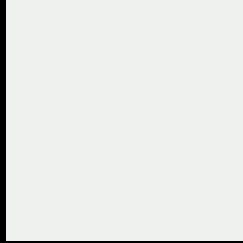
Large Text (above 18pt) WCAG AA × Fail

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 82.6319, 87.4933, 94.1941 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

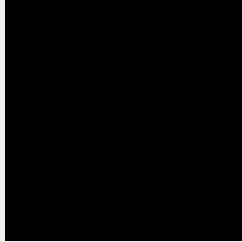
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

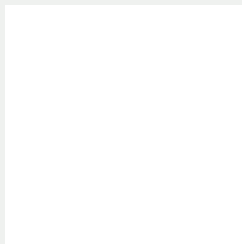
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 82.6319, 87.4933, 94.1941

Background



This preview shows how black text looks on a background with the XYZ color 82.6319, 87.4933, 94.1941.



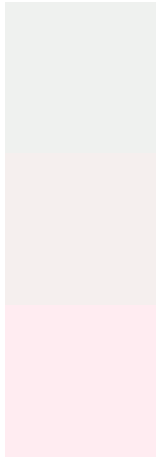
This preview shows how white text looks on a background with the XYZ color 82.6319, 87.4933, 94.1941.

94.1941.

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

82.6319, 87.4933, 94.1941

Protanopia

83.9553, 87.3185, 93.3182

Deuteranopia

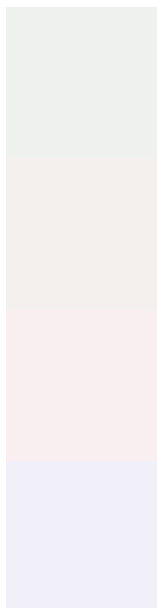
87.1126, 87.6018, 95.5366



Tritanopia

85.5345, 87.8302, 107.0525

Trichromacy



Original Color

82.6319, 87.4933, 94.1941

Protanomaly

83.5549, 87.5479, 93.3835

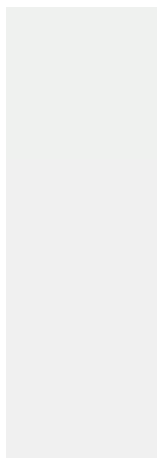
Deuteranomaly

85.3696, 87.5801, 94.8433

Tritanomaly

84.5346, 87.8605, 102.1259

Monochromacy



Original Color

82.6319, 87.4933, 94.1941

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 82.6319, 87.4933, 94.1941 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, 241, 239) looks like.

```
.text, #text, p{  
    color:rgb(239, 241, 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(239, 241, 239) colored shadow looks like.

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

Border

The CSS property to change the border of an element to XYZ 82.6319, 87.4933, 94.1941 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, 241, 239) }
```

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

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

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

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

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


Background

The CSS property to change the background color of an element to XYZ 82.6319, 87.4933, 94.1941 is called "background". The background property can be set on classes, ids or directly on the HTML element.

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

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

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