

Converting Colors

XYZ(82.6106, 86.5801, 93.9522)

Have a look what the booklet for
XYZ(82.6106, 86.5801, 93.9522)
contains.

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Color

**XYZ(82.7221, 86.6658,
94.0296)**

Conversions

Conversions Part 1

Format	Color
Hex	F1EFEF
RGB	241, 239, 239
RGB Percent	95%, 94%, 94%
CMY	0.0549, 0.0627, 0.0627
CMYK	0.00, 0.01, 0.01, 0.05
HSL	0°, 7%, 94%
HSV	0°, 1%, 95%
XYZ	82.7221, 86.6658, 94.0296
YIQ	239.5980, 1.1920, 0.4240

Conversions

Conversions Part 2

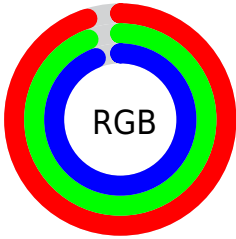
Format	Color
R _Y B	241, 239, 239
Decimal	15855599
CIE Lab	94.60, 0.67, 0.23
CIE LCh	95, 0.709, 18.567
Yxy	86.6658, 0.3140, 0.3290
Android (android.graphics.Color)	4294045679 (0xFF1E1E1E)
YUV	239.5980, -0.2948, 1.2296
Hunter-Lab	93.0945, -4.3034, 5.2806

Details

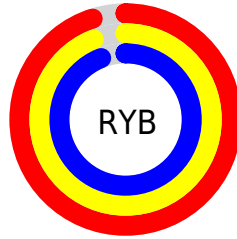
The XYZ color **82.7221, 86.6658, 94.0296** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **82.9290, 87.6109, 95.7600**, and the grayscale version is **82.5139, 86.8111, 94.5373**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **45.4883, 47.6002, 51.5900** is the 20% darker color. If you saturate the color by 10%, you get **72.8184, 72.1807, 74.3180**, and if you desaturate by 10%, it is **90.0861, 97.4410, 108.6677**.

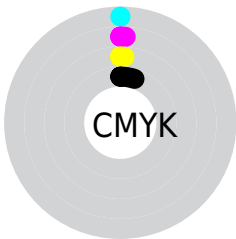
Distribution



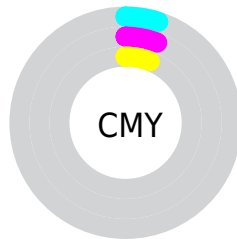
- Red (95%)
- Green (94%)
- Blue (94%)



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



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



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 82.7221, 86.6658, 94.0296 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 82.7221, 86.6658, 94.0296 by changing the saturation by 10% instead.

82.7221, 86.6658,
94.0296

82.7221, 86.6658,
94.0296

492.6578,
517.1241, 561.9584

62.2771, 65.2187,
70.7352

136.1167,
142.6982, 154.9073

45.5131, 47.6384,
51.6456

169.7970,
178.0523, 193.3276

32.0647, 33.5406,
36.3424

208.6198,
218.8109, 237.6270

21.5667, 22.5409,
24.4069

252.9503,
265.3582, 288.2240

13.6537, 14.2549,
15.4208

303.1541,
318.0789, 345.5371

7.9603, 8.2982,
8.9653

359.5963,

4.1211, 4.2863,

377.3571, 409.9848

4.6221

422.6425,
443.5774, 481.9857

■ 1.7709, 1.8350,
1.9724

■ 0.5000, 0.5088,
0.5383

■ 82.7221, 86.6658,
94.0296

■ 82.7221, 86.6658,
94.0296

■ 72.8184, 72.1807,
74.3180

■ 90.0861, 97.4410,
108.6677

■ 64.2685, 59.6744,
57.3067

■ 57.0159, 49.0647,
42.8799

■ 50.9972, 40.2588,
30.9113

■ 46.1438, 33.1566,
21.2639

■ 42.3803, 27.6479,
13.7871

■ 39.6225, 23.6099,
8.3131

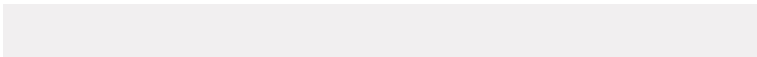
■ 37.7741, 20.9015,
4.6490

■ 36.7196, 19.3546,
2.5646

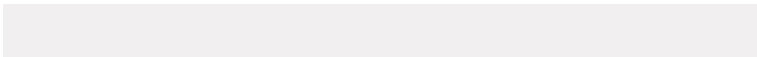
Harmonies

Analogous

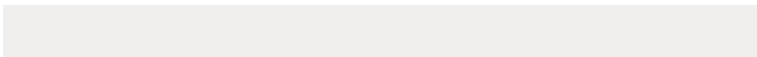
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



82.7340, 86.6658, 94.5731



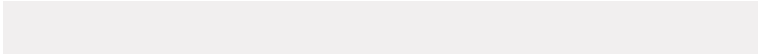
82.7221, 86.6658, 94.0296



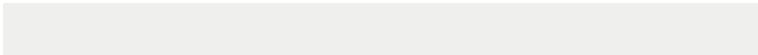
82.6167, 86.6658, 93.5775

Triad

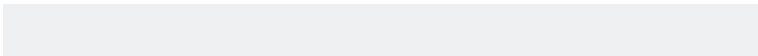
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



82.7221, 86.6658, 94.0296



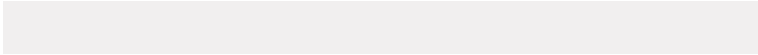
82.0980, 86.6658, 93.6696



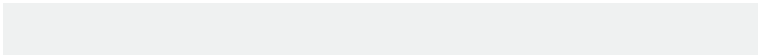
82.3004, 86.6658, 95.3997

Complementary

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



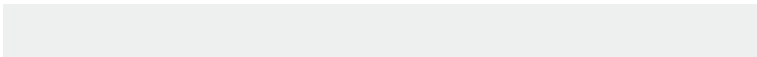
82.7221, 86.6658, 94.0296



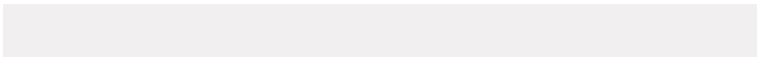
82.9290, 87.6109, 95.7600

Split Complementary

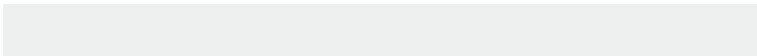
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



82.1303, 86.6658, 95.1556



82.7221, 86.6658, 94.0296



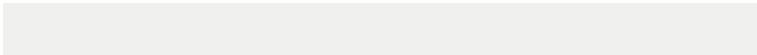
82.0136, 86.6658, 94.1559

Square

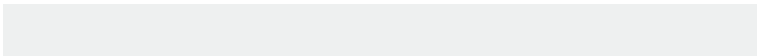
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



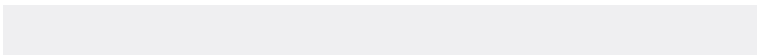
82.7221, 86.6658, 94.0296



82.2563, 86.6658, 93.3701



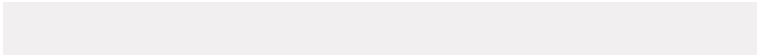
82.0254, 86.6658, 94.6998



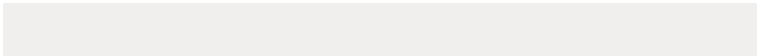
82.4903, 86.6658, 95.3655

Rectangle

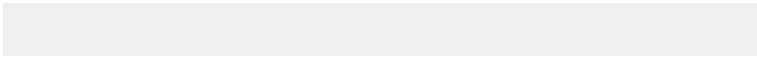
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



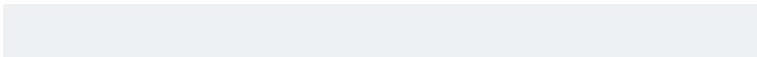
82.7221, 86.6658, 94.0296



82.5076, 86.6658, 93.3880



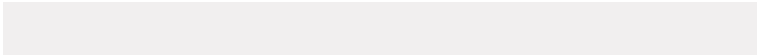
82.0254, 86.6658, 94.6998



82.2390, 86.6658, 95.3474

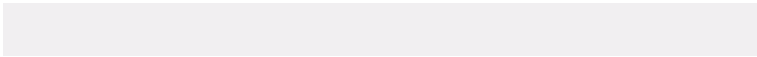
Sweetspot

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



82.7246, 86.6695, 94.0315

95.0500, 100.0000, 108.9000



83.0205, 86.7860, 95.5959



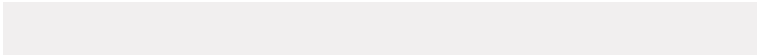
20.3446, 21.4041, 23.3091



0.0000, 0.0000, 0.0000

Same Dimension

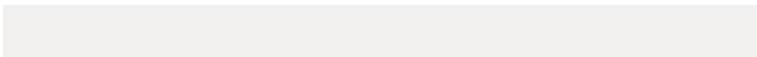
The Same Dimension uses a secret algorithm to generate beautiful new colors.



82.7246, 86.6695, 94.0315



93.8357, 98.2240, 106.4832



83.0169, 87.2542, 94.1289



17.5895, 18.4173, 19.9711



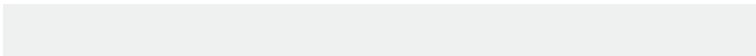
19.6756, 10.1493, 0.9220



1.6377, 0.8462, 0.0770

Inverse Universe

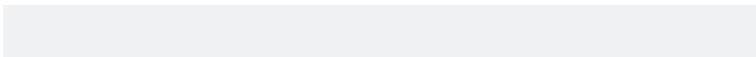
The Inverse Universe completely reimagines the original color for something new.



82.9290, 87.6109, 95.7600



94.1164, 99.5162, 108.8558



82.6351, 87.0231, 95.6620



17.6392, 18.6460, 20.3910



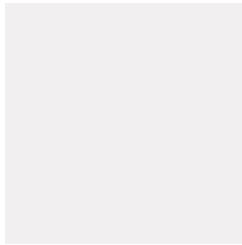
25.5883, 37.4008, 50.9983



2.1296, 3.1132, 4.2429

Previews

White Background



This preview shows how the XYZ color 82.7221, 86.6658, 94.0296 looks on a white background.

Color Contrast Check

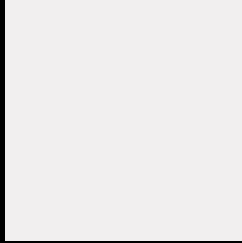
Large Text (above 18pt) WCAG AA × Fail

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 82.7221, 86.6658, 94.0296 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

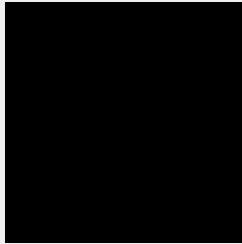
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

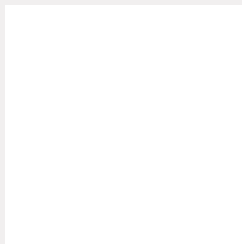
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 82.7221, 86.6658, 94.0296

Background



This preview shows how black text looks on a background with the XYZ color 82.7221, 86.6658, 94.0296.



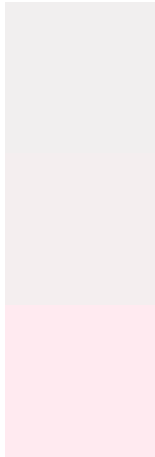
This preview shows how white text looks on a background with the XYZ color 82.7221, 86.6658,

94.0296.

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

82.7221, 86.6658, 94.0296

Protanopia

83.4628, 86.6142, 93.9806

Deuteranopia

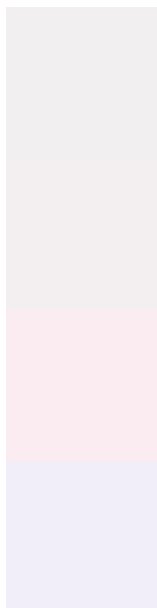
86.3910, 86.3969, 94.5611



Tritanopia

85.2963, 86.8431, 106.8745

Trichromacy



Original Color

82.7221, 86.6658, 94.0296

Protanomaly

83.1167, 86.4358, 93.9644

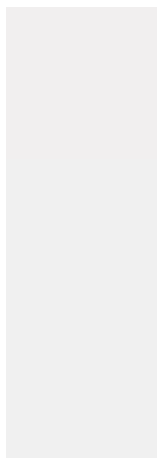
Deuteranomaly

85.1480, 86.6062, 94.6670

Tritanomaly

84.2914, 86.8659, 101.9467

Monochromacy



Original Color

82.7221, 86.6658, 94.0296

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 82.7221, 86.6658, 94.0296 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, 239) looks like.

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

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

Border

The CSS property to change the border of an element to XYZ 82.7221, 86.6658, 94.0296 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, 239) }
```

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

```
.border{ border-color:rgb(241, 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(241, 239, 239)` colored shadow looks like.

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


Background

The CSS property to change the background color of an element to XYZ 82.7221, 86.6658, 94.0296 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, 239) }
```

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

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