

Converting Colors

XYZ(83.0829, 87.6576, 94.0553)

Have a look what the booklet for
XYZ(83.0829, 87.6576, 94.0553)
contains.

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Color

**XYZ(83.3109, 87.8434,
94.2259)**

Conversions

Conversions Part 1

Format	Color
Hex	F1F1EF
RGB	241, 241, 239
RGB Percent	95%, 95%, 94%
CMY	0.0549, 0.0549, 0.0627
CMYK	0.00, 0.00, 0.01, 0.05
HSL	60°, 7%, 94%
HSV	60°, 1%, 95%
XYZ	83.3109, 87.8434, 94.2259
YIQ	240.7720, 0.6420, -0.6220

Conversions

Conversions Part 2

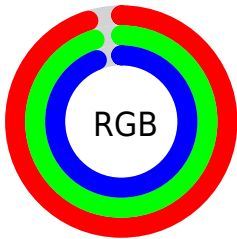
Format	Color
R_{YB}	239, 241, 239
Decimal	15856111
CIE Lab	95.09, -0.35, 0.95
CIE LCh	95, 1.014, 110.031
Yxy	87.8434, 0.3139, 0.3310
Android (android.graphics.Color)	4294046191 (0xFFFF1F1EF)
YUV	240.7720, -0.8736, 0.2000
Hunter-Lab	93.7248, -5.3518, 6.0004

Details

The XYZ color **83.3109, 87.8434, 94.2259** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **82.3438, 86.4370, 95.5677**, and the grayscale version is **83.4383, 87.7836, 95.5963**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **45.9038, 48.4311, 51.7285** is the 20% darker color. If you saturate the color by 10%, you get **79.9678, 86.5068, 76.7061**, and if you desaturate by 10%, it is **85.8015, 88.8445, 107.2342**.

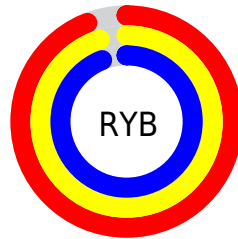
Distribution



Red (95%)

Green (95%)

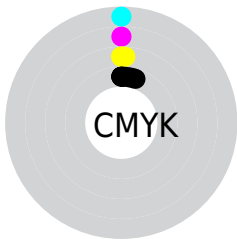
Blue (94%)



Red (94%)

Yellow (95%)

Blue (94%)

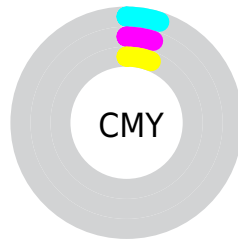


Cyan (0%)

Magenta (0%)

Yellow (1%)

Black (5%)



Cyan (5%)

Magenta (5%)

Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 83.3109, 87.8434, 94.2259 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 83.3109, 87.8434, 94.2259 by changing the saturation by 10% instead.

83.3109, 87.8434,
94.2259

83.3109, 87.8434,
94.2259

494.5904,
520.9903, 562.6047

62.7644, 66.1934,
70.8975

136.9371,
144.3391, 155.1811

45.9086, 48.4294,
51.7773

170.7475,
179.9536, 193.6450

32.3780, 34.1671,
36.4465

209.7100,
220.9917, 237.9911

21.8073, 23.0220,
24.4868

254.1899,
267.8378, 288.6381

13.8312, 14.6097,
15.4796

304.5525,
320.8763, 346.0044

8.0843, 8.5459,
9.0063

361.1632,

4.2012, 4.4462,

380.4917, 410.5086

4.6484

424.3874,
447.0682, 482.5692

■ 1.8166, 1.9262,
1.9874

■ 0.5276, 0.5640,
0.5475

■ 83.3109, 87.8434,
94.2259

■ 83.3109, 87.8434,
94.2259

■ 79.9678, 86.5068,
76.7061

■ 85.8015, 88.8445,
107.2342

■ 77.0785, 85.3490,
61.5868


■ 85.8198, 88.8540,
107.2351


■ 74.6255, 84.3657,
48.7650


■ 85.8382, 88.8635,
107.2359


■ 72.5874, 83.5483,
38.1284


■ 85.8566, 88.8729,
107.2368


 70.9412, 82.8877,
29.5553


 85.8749, 88.8824,
107.2377


 69.6615, 82.3737,
22.9118


 85.8933, 88.8919,
107.2385


 68.7198, 81.9949,
18.0484

 85.9117, 88.9014,
107.2394

 68.0836, 81.7383,
14.7939

 85.9301, 88.9108,
107.2402

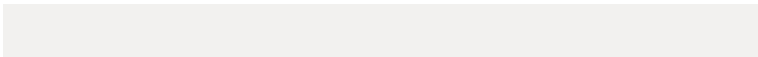
 67.7140, 81.5884,
12.9432

 85.9485, 88.9203,
107.2411

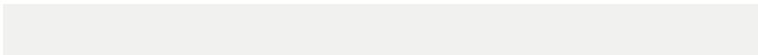
Harmonies

Analogous

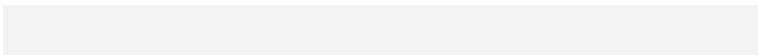
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



83.5844, 87.8434, 94.1576



83.3109, 87.8434, 94.2259



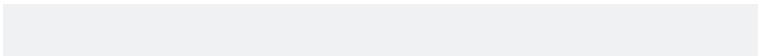
83.0865, 87.8434, 94.6737

Triad

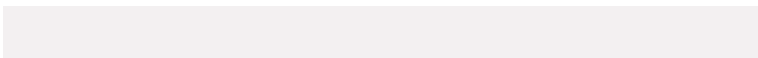
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



83.3109, 87.8434, 94.2259



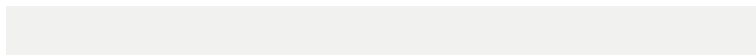
83.1521, 87.8434, 96.8159



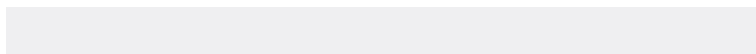
84.0162, 87.8434, 95.9099

Complementary

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



83.3109, 87.8434, 94.2259



82.3438, 86.4370, 95.5677

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.



83.8998, 87.8434, 96.6260



83.3109, 87.8434, 94.2259



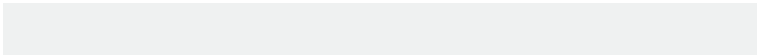
83.4007, 87.8434, 97.1510

Square

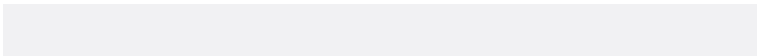
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



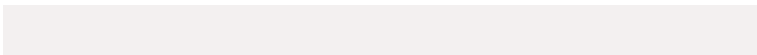
83.3109, 87.8434, 94.2259



82.9950, 87.8434, 96.1680



83.6744, 87.8434, 97.0814



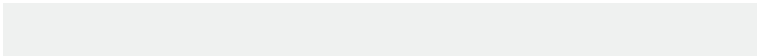
83.9920, 87.8434, 95.1270

Rectangle

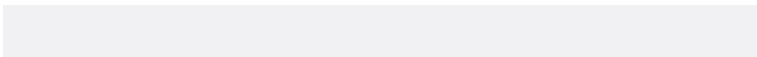
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



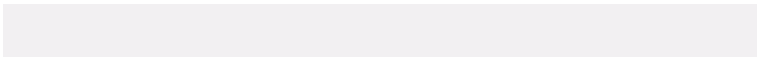
83.3109, 87.8434, 94.2259



82.9948, 87.8434, 95.1285



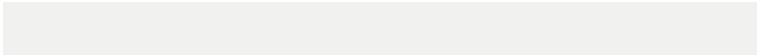
83.6744, 87.8434, 97.0814



83.9922, 87.8434, 96.1665

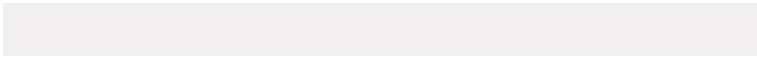
Sweetspot

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



83.3134, 87.8472, 94.2278

95.0500, 100.0000, 108.9000



82.7249, 86.6679, 94.0312



20.3446, 21.4041, 23.3091



0.0000, 0.0000, 0.0000

Same Dimension

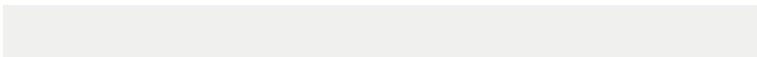
The Same Dimension uses a secret algorithm to generate beautiful new colors.



83.3134, 87.8472, 94.2278



94.6400, 99.8358, 106.7520



82.9737, 87.6721, 94.2119



17.7319, 18.7026, 20.0186



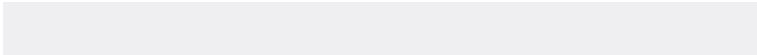
36.6313, 44.2057, 6.6019



3.0485, 3.6781, 0.5493

Inverse Universe

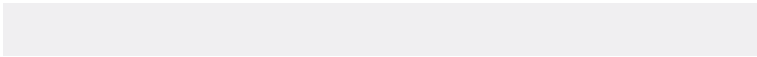
The Inverse Universe completely reimagines the original color for something new.



82.3438, 86.4370, 95.5677



93.3120, 97.9044, 108.5871



82.6815, 86.6112, 95.5835



17.4969, 18.3608, 20.3434



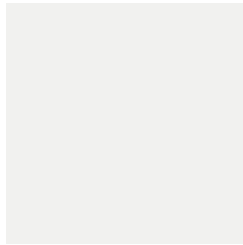
8.6150, 3.4466, 45.3391



0.7178, 0.2873, 3.7718

Previews

White Background



This preview shows how the XYZ color 83.3109, 87.8434, 94.2259 looks on a white background.

Color Contrast Check

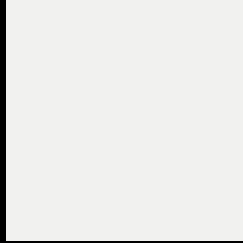
Large Text (above 18pt) WCAG AA × Fail

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 83.3109, 87.8434, 94.2259 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

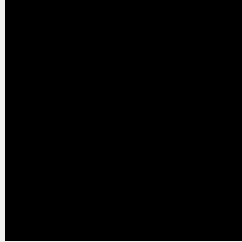
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

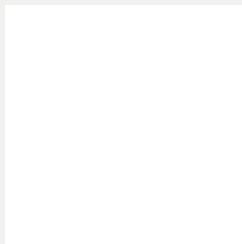
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 83.3109, 87.8434, 94.2259

Background



This preview shows how black text looks on a background with the XYZ color 83.3109, 87.8434, 94.2259.



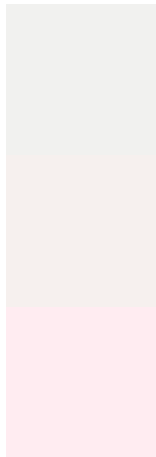
This preview shows how white text looks on a background with the XYZ color 83.3109, 87.8434,

94.2259.

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

83.3109, 87.8434, 94.2259

Protanopia

84.5987, 88.0861, 93.4324

Deuteranopia

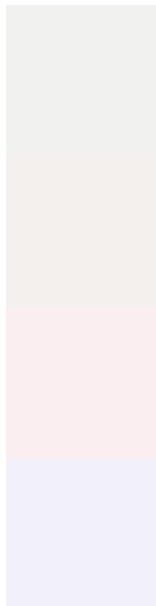
87.1126, 87.6018, 95.5366



Tritanopia

85.8787, 88.0077, 107.0686

Trichromacy



Original Color

83.3109, 87.8434, 94.2259

Protanomaly

83.9009, 87.7263, 93.3997

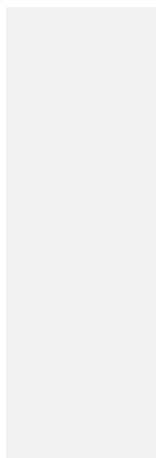
Deuteranomaly

85.7271, 87.7643, 94.8600

Tritanomaly

84.8769, 88.0370, 102.1419

Monochromacy



Original Color

83.3109, 87.8434, 94.2259

Achromatopsia

83.6081, 87.9622, 95.7909

Achromatomaly

83.4591, 87.9026, 95.0062

CSS Examples

Text

The CSS property to change the color of the text to XYZ 83.3109, 87.8434, 94.2259 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, 241, 239) looks like.

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

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

Border

The CSS property to change the border of an element to XYZ 83.3109, 87.8434, 94.2259 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, 241, 239) }
```

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

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

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


Background

The CSS property to change the background color of an element to XYZ 83.3109, 87.8434, 94.2259 is called "background". The background property can be set on classes, ids or directly on the HTML element.

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

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

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