

Converting Colors

XYZ(83.6436, 87.8812, 93.6234)

Have a look what the booklet for
XYZ(83.6436, 87.8812, 93.6234)
contains.

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Color

**XYZ(83.8501, 88.1383,
93.4819)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | F3F1EE |
| RGB | 243, 241, 238 |
| RGB Percent | 95%, 95%, 93% |
| CMY | 0.0471, 0.0549, 0.0667 |
| CMYK | 0.00, 0.01, 0.02, 0.05 |
| HSL | 36°, 17%, 94% |
| HSV | 36°, 2%, 95% |
| XYZ | 83.8501, 88.1383, 93.4819 |
| YIQ | 241.2560, 2.1550, -0.5090 |

Conversions

Conversions Part 2

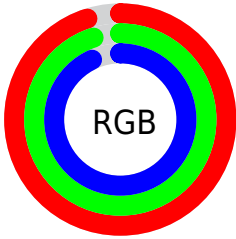
| Format | Color |
|-------------------------------------|------------------------------|
| R_{YB} | 241, 243, 238 |
| Decimal | 15987182 |
| CIE _{Lab} | 95.22, 0.15, 1.67 |
| CIE _{LCh} | 95, 1.677, 84.957 |
| Yxy | 88.1383, 0.3159, 0.3320 |
| Android (android.graphics.Color) | 4294177262 (0xFFFF3F1EE) |
| YUV | 241.2560, -1.6052, 1.5295 |
| Hunter-Lab | 93.8820, -4.8674, 6.6801 |

Details

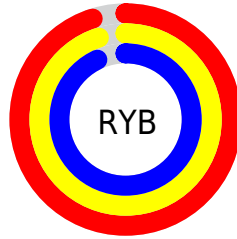
The XYZ color **83.8501, 88.1383, 93.4819** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **82.5978, 86.9674, 97.2284**, and the grayscale version is **83.8239, 88.1893, 96.0381**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **46.2860, 48.6401, 51.2049** is the 20% darker color. If you saturate the color by 10%, you get **77.7236, 81.2176, 74.9987**, and if you desaturate by 10%, it is **89.4182, 95.0860, 108.2483**.

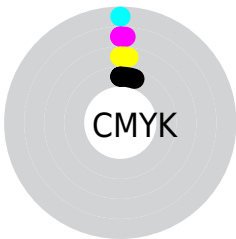
Distribution



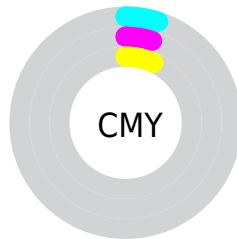
- Red (95%)
- Green (95%)
- Blue (93%)



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



- Cyan (0%)
- Magenta (1%)
- Yellow (2%)
- Black (5%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 83.8501, 88.1383, 93.4819 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 83.8501, 88.1383, 93.4819 by changing the saturation by 10% instead.

83.8501, 88.1383,
93.4819

83.8501, 88.1383,
93.4819

496.3565,
521.9560, 560.1531

63.2110, 66.4376,
70.2822

137.6878,
144.7497, 154.1431

46.2712, 48.6277,
51.2784

171.6171,
180.4292, 192.4417

32.6654, 34.3243,
36.0520

210.7072,
221.5370, 236.6103

22.0283, 23.1428,
24.1843

255.3234,
268.4577, 287.0675

13.9944, 14.6990,
15.2569

305.8310,
321.5755, 344.2319

8.1984, 8.6084,
8.8513

362.5956,

4.2751, 4.4867,

381.2749, 408.5219

4.5488

425.9823,
447.9403, 480.3562

■ 1.8589, 1.9493,
1.9310

■ 0.5528, 0.5778,
0.5124

■ 83.8501, 88.1383,
93.4819

■ 83.8501, 88.1383,
93.4819

■ 77.7236, 81.2176,
74.9987

■ 89.4182, 95.0860,
108.2483

■ 72.2081, 74.7793,
59.0009

■ 90.7727, 97.7950,
108.6998

■ 67.2830, 68.8143,
45.3819

■ 62.9240, 63.3088,
34.0251

■ 59.1046, 58.2482,
24.8040

■ 55.7961, 53.6167,
17.5796

■ 52.9662, 49.3974,
12.1960

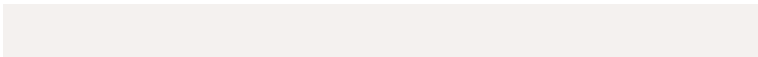
■ 50.5785, 45.5710,
8.4740

■ 48.5891, 42.1156,
6.1978

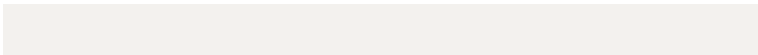
Harmonies

Analogous

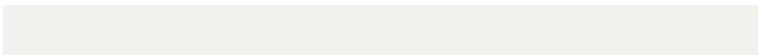
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



84.2785, 88.1383, 93.9214



83.8501, 88.1383, 93.4819



83.4025, 88.1383, 93.7035

Triad

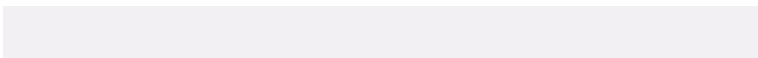
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



83.8501, 88.1383, 93.4819



82.9785, 88.1383, 97.0337



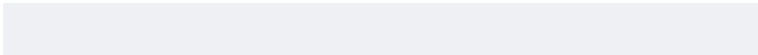
84.4945, 88.1383, 97.4203

Complementary

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



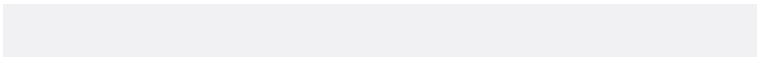
83.8501, 88.1383, 93.4819



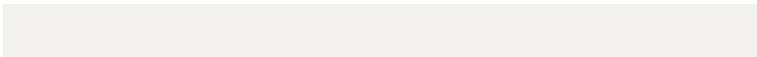
82.5978, 86.9674, 97.2284

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.



84.1442, 88.1383, 98.2680



83.8501, 88.1383, 93.4819



83.2691, 88.1383, 98.0433

Square

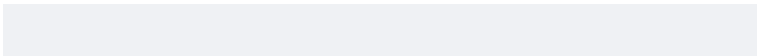
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



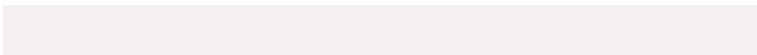
83.8501, 88.1383, 93.4819



82.9003, 88.1383, 95.7465



83.6956, 88.1383, 98.4970



84.6514, 88.1383, 96.1891

Rectangle

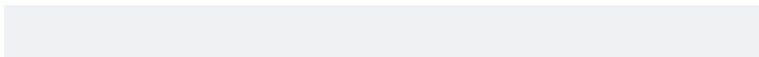
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



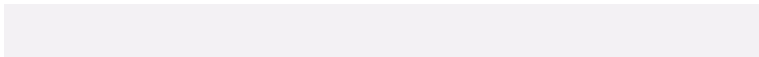
83.8501, 88.1383, 93.4819



83.1533, 88.1383, 94.1973



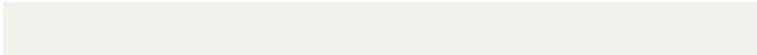
83.6956, 88.1383, 98.4970



84.3954, 88.1383, 97.7600

Sweetspot

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



83.8526, 88.1421, 93.4838



94.3182, 99.1891, 106.6441



83.2662, 86.4964, 94.7463



20.1957, 21.2391, 22.8500



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



83.8526, 88.1421, 93.4838



93.5936, 98.3837, 104.4173



84.2744, 89.2415, 93.6738



18.3589, 19.2995, 20.5116



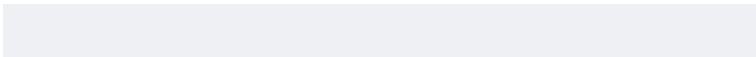
26.0626, 22.0109, 2.8749



2.3910, 2.1352, 0.2861

Inverse Universe

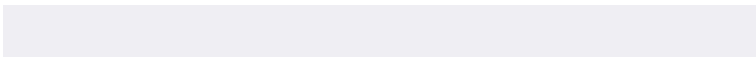
The Inverse Universe completely reimagines the original color for something new.



82.5978, 86.9674, 97.2284



92.2288, 97.1061, 108.4901



82.1815, 85.8853, 97.0415



18.1055, 19.0623, 21.2677



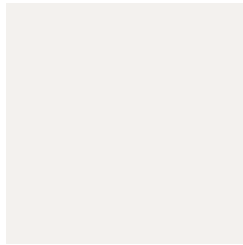
11.3484, 8.4907, 47.5788



1.0950, 0.9415, 4.2142

Previews

White Background



This preview shows how the XYZ color 83.8501, 88.1383, 93.4819 looks on a white background.

Color Contrast Check

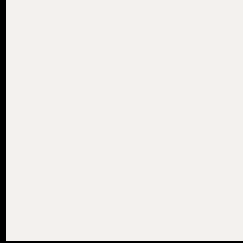
Large Text (above 18pt) WCAG AA × Fail

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 83.8501, 88.1383, 93.4819 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

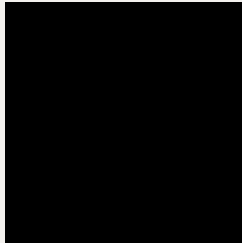
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

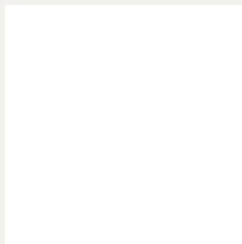
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 83.8501, 88.1383, 93.4819

Background



This preview shows how black text looks on a background with the XYZ color 83.8501, 88.1383, 93.4819.



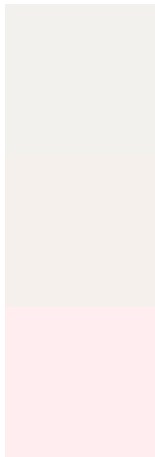
This preview shows how white text looks on a background with the XYZ color 83.8501, 88.1383,

93.4819.

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

83.8501, 88.1383, 93.4819

Protanopia

84.4522, 88.0274, 92.6606

Deuteranopia

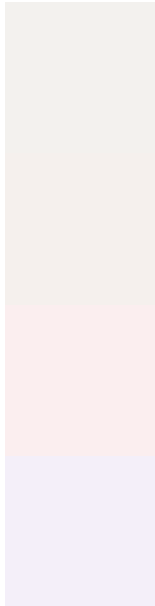
87.2524, 88.1196, 94.8482



Tritanopia

86.2807, 87.7815, 107.0038

Trichromacy



Original Color

83.8501, 88.1383, 93.4819

Protanomaly

84.1023, 87.8471, 92.6443

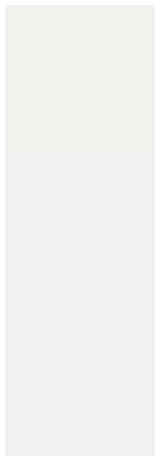
Deuteranomaly

85.9382, 87.8903, 94.0964

Tritanomaly

85.2736, 87.8057, 102.0763

Monochromacy



Original Color

83.8501, 88.1383, 93.4819

Achromatopsia

83.6081, 87.9622, 95.7909

Achromatomaly

83.8014, 88.0791, 95.0222

CSS Examples

Text

The CSS property to change the color of the text to XYZ 83.8501, 88.1383, 93.4819 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(243, 241, 238) looks like.

```
.text, #text, p{  
    color:rgb(243, 241, 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(243, 241, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 241, 238) }
```

Border

The CSS property to change the border of an element to XYZ 83.8501, 88.1383, 93.4819 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(243, 241, 238) }
```


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

```
.border{ border-color:rgb(243, 241, 238) }
```

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

Here you see how a box with a 4 pixel rgb(243, 241, 238) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 241, 238); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 241, 238);  
box-shadow:4px 4px 4px 4px rgb(243, 241,  
238) }
```

Background

The CSS property to change the background color of an element to XYZ 83.8501, 88.1383, 93.4819 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 241, 238) }
```

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

```
.background{ background-color: rgb(243,  
241, 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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