

Converting Colors

XYZ(83.5426, 86.8813, 92.4886)

Have a look what the booklet for
XYZ(83.5426, 86.8813, 92.4886)
contains.

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Color

**XYZ(83.5168, 86.6760,
92.4491)**

Conversions

Conversions Part 1

Format	Color
Hex	F5EEED
RGB	245, 238, 237
RGB Percent	96%, 93%, 93%
CMY	0.0392, 0.0666, 0.0706
CMYK	0.00, 0.03, 0.03, 0.04
HSL	8°, 29%, 95%
HSV	8°, 3%, 96%
XYZ	83.5168, 86.6760, 92.4491
YIQ	239.9790, 4.4930, 1.1730

Conversions

Conversions Part 2

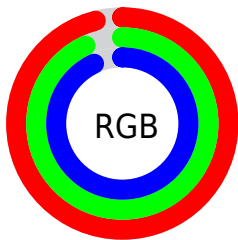
Format	Color
R _Y B	245, 238, 237
Decimal	16117485
CIE Lab	94.60, 2.18, 1.31
CIE LCh	95, 2.539, 30.965
Yxy	86.6760, 0.3180, 0.3300
Android (android.graphics.Color)	4294307565 (0xFFFF5EEED)
YUV	239.9790, -1.4686, 4.4034
Hunter-Lab	93.0999, -2.7986, 6.2944

Details

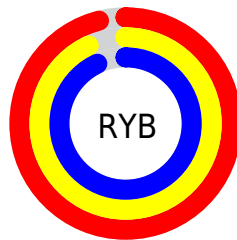
The XYZ color **83.5168, 86.6760, 92.4491** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **83.7571, 89.2972, 99.2089**, and the grayscale version is **82.8188, 87.1318, 94.8866**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **46.0547, 47.6109, 50.4785** is the 20% darker color. If you saturate the color by 10%, you get **74.3088, 73.6016, 72.9096**, and if you desaturate by 10%, it is **91.4667, 98.1527, 108.7323**.

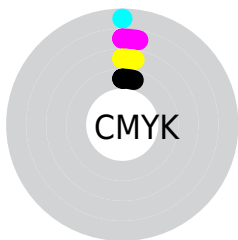
Distribution



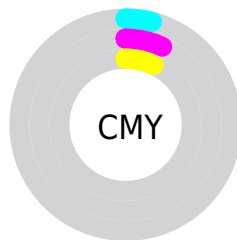
- Red (96%)
- Green (93%)
- Blue (93%)



- Red (96%)
- Yellow (93%)
- Blue (93%)



- Cyan (0%)
- Magenta (3%)
- Yellow (3%)
- Black (4%)



- Cyan (4%)
- Magenta (7%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 83.5168, 86.6760, 92.4491 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 83.5168, 86.6760, 92.4491 by changing the saturation by 10% instead.

83.5168, 86.6760,
92.4491

83.5168, 86.6760,
92.4491

495.2652,
517.1576, 556.7402

62.9349, 65.2271,
69.4286

137.2238,
142.7125, 152.7008

46.0470, 47.6453,
50.5869

171.0797,
178.0688, 190.7690

32.4877, 33.5460,
35.5055

210.0909,
218.8298, 234.6903

21.8916, 22.5451,
23.7659

254.6229,
265.3798, 284.8830

13.8935, 14.2580,
14.9494

305.0409,
318.1031, 341.7659

8.1278, 8.3003,
8.6377

361.7104,

4.2293, 4.2877,

377.3843, 405.7573

4.4121

424.9967,
443.6077, 477.2759

■ 1.8327, 1.8358,
1.8540

■ 0.5372, 0.5093,
0.4632

■ 83.5168, 86.6760,
92.4491

■ 83.5168, 86.6760,
92.4491

■ 74.3088, 73.6016,
72.9096

■ 91.4667, 98.1527,
108.7323

■ 66.2841, 62.1441,
56.0792

■ 59.3969, 52.2437,
41.8398

■ 53.5951, 43.8332,
30.0624

■ 48.8231, 36.8402,
20.6071

■ 45.0198, 31.1862,
13.3198

■ 42.1179, 26.7851,
8.0276

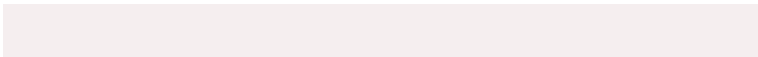
■ 40.0409, 23.5408,
4.5313

■ 38.6994, 21.3425,
2.5899

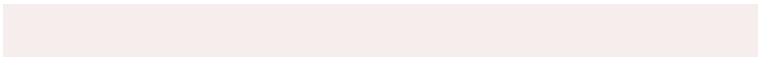
Harmonies

Analogous

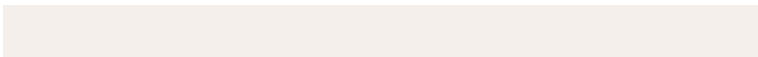
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



83.7061, 86.6760, 94.3120



83.5168, 86.6760, 92.4491



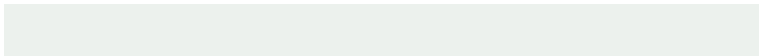
83.0234, 86.6760, 91.1177

Triad

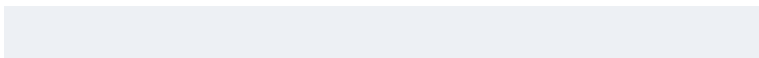
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



83.5168, 86.6760, 92.4491



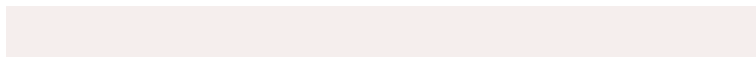
81.2374, 86.6760, 92.5576



82.4051, 86.6760, 98.1951

Complementary

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



83.5168, 86.6760, 92.4491



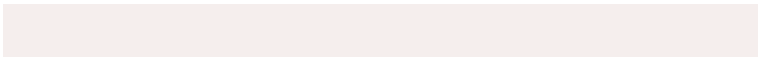
83.7571, 89.2972, 99.2089

Split Complementary

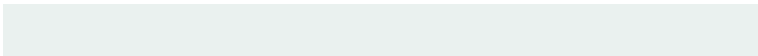
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



81.7457, 86.6760, 97.7099



83.5168, 86.6760, 92.4491



81.0738, 86.6760, 94.4389

Square

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



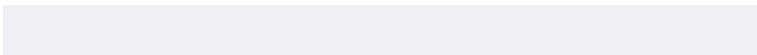
83.5168, 86.6760, 92.4491



81.7075, 86.6760, 91.1797



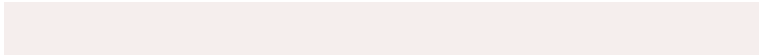
81.2594, 86.6760, 96.3283



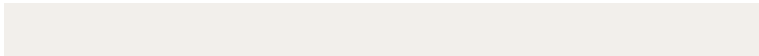
83.0620, 86.6760, 97.6450

Rectangle

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



83.5168, 86.6760, 92.4491



82.5898, 86.6760, 90.7012



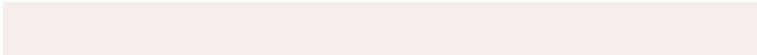
81.2594, 86.6760, 96.3283



82.1764, 86.6760, 98.1476

Sweetspot

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



83.5192, 86.6798, 92.4510



93.9348, 98.4223, 106.5163



84.2808, 86.5179, 97.8997



20.1177, 21.0831, 22.8240



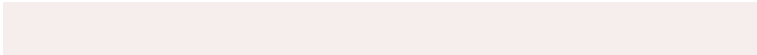
0.0000, 0.0000, 0.0000



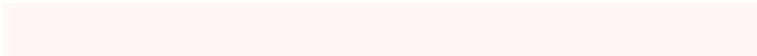
20.3446, 21.4041, 23.3091

Same Dimension

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



83.5192, 86.6798, 92.4510



90.6711, 93.8008, 99.5527



84.6757, 88.9927, 92.8365



17.6184, 18.1681, 19.1867



20.5999, 11.0854, 1.0540



1.8629, 1.0790, 0.1101

Inverse Universe

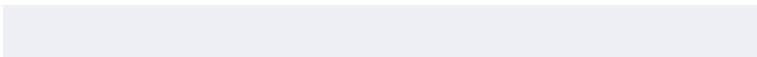
The Inverse Universe completely reimagines the original color for something new.



83.7571, 89.2972, 99.2089



90.9893, 97.3023, 108.5933



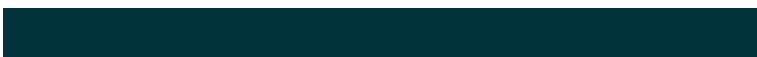
82.5874, 86.9578, 98.8191



17.6918, 18.9761, 21.2729



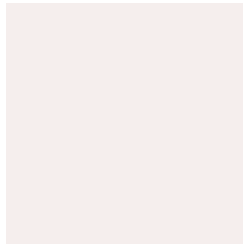
21.9375, 29.6688, 51.1085



1.9768, 2.7050, 4.5082

Previews

White Background



This preview shows how the XYZ color 83.5168, 86.6760, 92.4491 looks on a white background.

Color Contrast Check

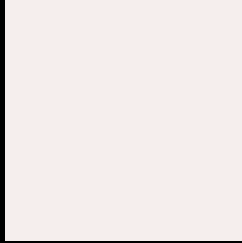
Large Text (above 18pt) WCAG AA × Fail

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 83.5168, 86.6760, 92.4491 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

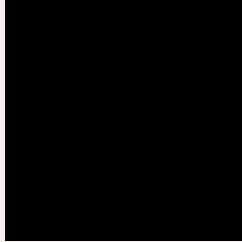
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

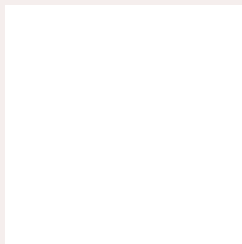
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 83.5168, 86.6760, 92.4491

Background



This preview shows how black text looks on a background with the XYZ color 83.5168, 86.6760, 92.4491.



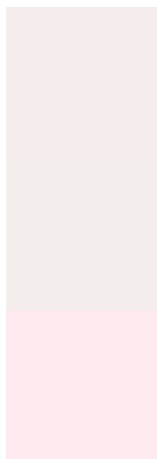
This preview shows how white text looks on a background with the XYZ color 83.5168, 86.6760,

92.4491.

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

83.5168, 86.6760, 92.4491

Protanopia

83.1688, 86.4966, 92.4328

Deuteranopia

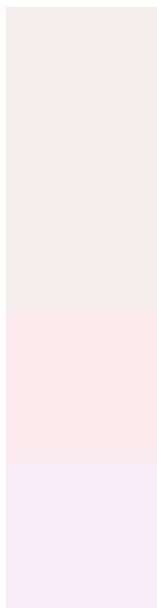
86.2428, 86.3376, 93.7807



Tritanopia

86.3091, 86.5289, 105.9187

Trichromacy



Original Color

83.5168, 86.6760, 92.4491

Protanomaly

83.1688, 86.4966, 92.4328

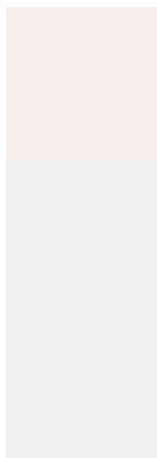
Deuteranomaly

84.9246, 86.0989, 93.0317

Tritanomaly

85.2965, 86.5424, 101.0157

Monochromacy



Original Color

83.5168, 86.6760, 92.4491

Achromatopsia

82.8234, 87.1367, 94.8919

Achromatomaly

83.0644, 86.8422, 94.0456

CSS Examples

Text

The CSS property to change the color of the text to XYZ 83.5168, 86.6760, 92.4491 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(245, 238, 237) looks like.

```
.text, #text, p{  
    color:rgb(245, 238, 237)  
}
```

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(245, 238, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 238, 237) }
```

Border

The CSS property to change the border of an element to XYZ 83.5168, 86.6760, 92.4491 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(245, 238, 237) }
```


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

```
.border{ border-color:rgb(245, 238, 237) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 238, 237)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(245, 238, 237); -webkit-box-shadow:4px 4px 4px 4px rgb(245, 238, 237); box-shadow:4px 4px 4px 4px rgb(245, 238, 237) }
```

Background

The CSS property to change the background color of an element to XYZ 83.5168, 86.6760, 92.4491 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 238, 237) }
```

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

```
.background{ background-color: rgb(245,  
238, 237) }
```

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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