

Converting Colors

XYZ(83.4653, 86.6179, 93.9825)

Have a look what the booklet for
XYZ(83.4653, 86.6179, 93.9825)
contains.

XYZ(83.4628, 86.6142, 93.9806)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(83.4628, 86.6142,
93.9806)**

Conversions

Conversions Part 1	
Format	Color
Hex	F4EEEF
RGB	244, 238, 239
RGB Percent	96%, 93%, 94%
CMY	0.0431, 0.0666, 0.0627
CMYK	0.00, 0.02, 0.02, 0.04
HSL	350°, 21%, 95%
HSV	350°, 2%, 96%
XYZ	83.4628, 86.6142, 93.9806
YIQ	239.9080, 3.2550, 1.5830

Conversions

Conversions Part 2

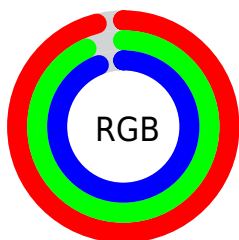
Format	Color
RYB	244, 238, 239
Decimal	16051951
CIELab	94.57, 2.19, 0.22
CIELCh	95, 2.198, 5.769
Yxy	86.6142, 0.3161, 0.3280
Android (android.graphics.Color)	4294242031 (0xFFFF4EEEF)
YUV	239.9080, -0.4476, 3.5887
Hunter-Lab	93.0668, -2.7870, 5.2745

Details

The XYZ color 83.4628, 86.6142, 93.9806 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 83.7916, 89.3519, 97.6290, and the grayscale version is 82.7562, 87.0660, 94.8149.

A 20% lighter version of the original color is 95.0500, 100.0000, 108.9000, and 46.0142, 47.5662, 51.5557 is the 20% darker color. If you saturate the color by 10%, you get 73.9963, 72.2234, 76.8198, and if you desaturate by 10%, it is 91.1188, 97.9734, 108.7160.

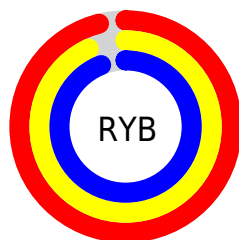
Distribution



Red (96%)

Green (93%)

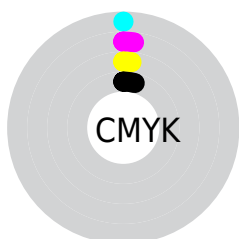
Blue (94%)



Red (96%)

Yellow (93%)

Blue (94%)

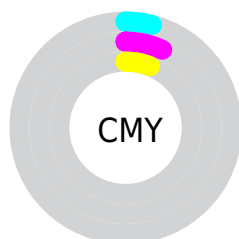


Cyan (0%)

Magenta (2%)

Yellow (2%)

Black (4%)



Cyan (4%)


Magenta (7%)


Yellow (6%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 83.4628, 86.6142, 93.9806 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 83.4628, 86.6142, 93.9806 by changing the saturation by 10% instead.


 83.4628, 86.6142,
93.9806

 83.4628, 86.6142,
93.9806


495.0882,
516.9543, 561.7971

 62.8902, 65.1760,
70.6946


137.1486,
142.6263, 154.8389

 46.0107, 47.6038,
51.6127


170.9926,
177.9689, 193.2484

 32.4589, 33.5132,
36.3164


209.9910,
218.7152, 237.5361

 21.8695, 22.5199,
24.3870

254.5093,
265.2494, 288.1206

 13.8771, 14.2394,
15.4061

304.9129,
317.9561, 345.4204

 8.1164, 8.2874,
8.9551


361.5669,


 4.2219, 4.2794,


377.2195, 409.8540


4.6155


424.8370,
443.4241, 481.8401


 1.8284, 1.8310,
1.9687


 0.5347, 0.5064,
0.5359


 83.4628, 86.6142,
93.9806


 83.4628, 86.6142,
93.9806

 73.9963, 72.2234,
76.8198

 91.1188, 97.9734,
108.7160

 65.7791, 59.8084,
61.6889

 58.7606, 49.2862,
48.5140

 52.8843, 40.5634,
37.2148

■ 48.0891, 33.5390,
27.7053

■ 44.3077, 28.1018,
19.8927

■ 41.4657, 24.1271,
13.6756

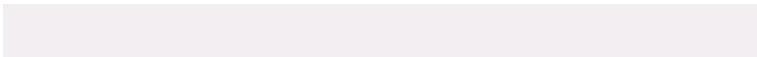
■ 39.4778, 21.4718,
8.9416

■ 38.2424, 19.9635,
5.5629

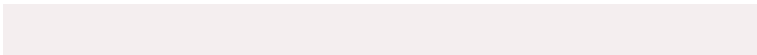
Harmonies

Analogous

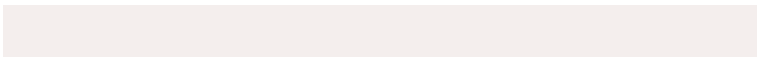
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



83.3674, 86.6142, 95.6535



83.4628, 86.6142, 93.9806



83.2520, 86.6142, 92.4140

Triad

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



83.4628, 86.6142, 93.9806



81.6601, 86.6142, 91.6857



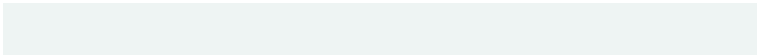
81.8575, 86.6142, 97.3146

Complementary

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



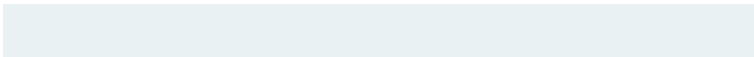
83.4628, 86.6142, 93.9806



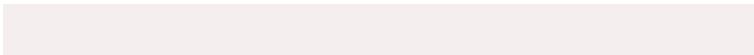
83.7916, 89.3519, 97.6290

Split Complementary

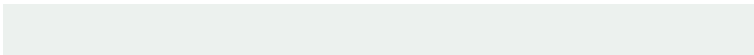
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



81.4034, 86.6142, 96.2280



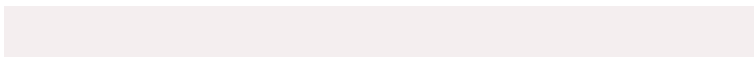
83.4628, 86.6142, 93.9806



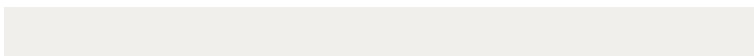
81.2898, 86.6142, 92.9755

Square

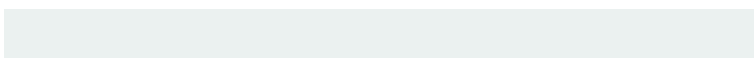
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



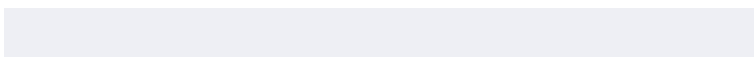
83.4628, 86.6142, 93.9806



82.2098, 86.6142, 91.0993



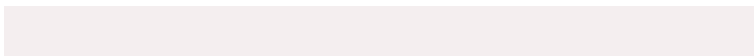
81.1960, 86.6142, 94.6364



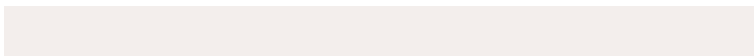
82.4388, 86.6142, 97.5915

Rectangle

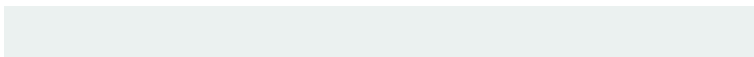
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



83.4628, 86.6142, 93.9806



82.9667, 86.6142, 91.6364



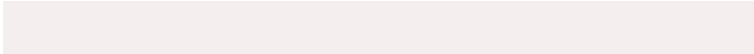
81.1960, 86.6142, 94.6364



81.6850, 86.6142, 97.0313

Sweetspot

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



83.4653, 86.6179, 93.9825



93.9014, 98.2476, 106.8375



83.8686, 86.7393, 97.9112



20.1109, 21.0475, 22.8894



0.0000, 0.0000, 0.0000



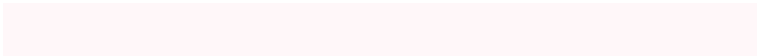
20.3446, 21.4041, 23.3091

Same Dimension

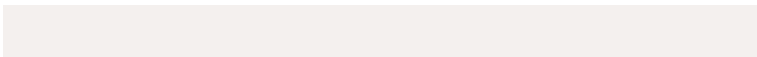
The Same Dimension uses a secret algorithm to generate beautiful new colors.



83.4653, 86.6179, 93.9825



91.6476, 94.8117, 102.7827



83.9036, 87.7296, 93.4047



17.7919, 18.3227, 19.8374



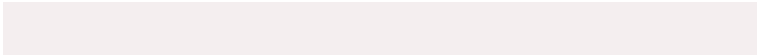
20.5324, 10.5564, 2.2460



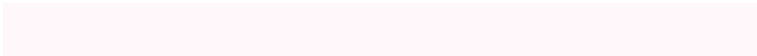
1.8363, 0.9405, 0.3645

Inverse Universe

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



83.4653, 86.6179, 93.9825



91.6476, 94.8117, 102.7827



83.3443, 88.2160, 98.2239



17.7919, 18.3227, 19.8374



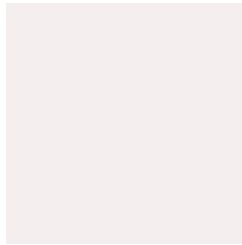
20.5324, 10.5564, 2.2460



1.8363, 0.9405, 0.3645

Previews

White Background



This preview shows how the XYZ color 83.4628, 86.6142, 93.9806 looks on a white background.

Color Contrast Check

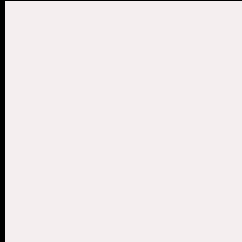
Large Text (above 18pt) WCAG AA × Fail

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 83.4628, 86.6142, 93.9806 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

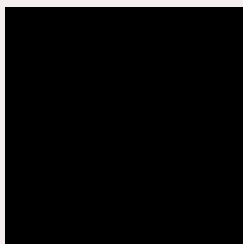
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

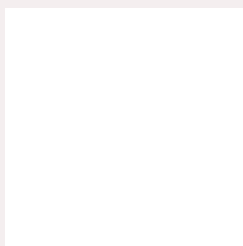
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 83.4628, 86.6142, 93.9806

Background



This preview shows how black text looks on a background with the XYZ color 83.4628, 86.6142, 93.9806.

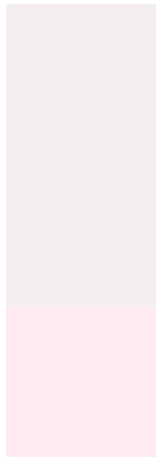


This preview shows how white text looks on a background with the XYZ color 83.4628, 86.6142,

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

83.4628, 86.6142, 93.9806

Protanopia

83.1167, 86.4358, 93.9644

Deuteranopia

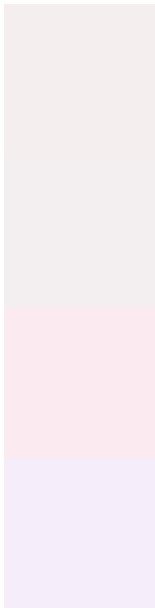
86.3910, 86.3969, 94.5611



Tritanopia

85.8909, 86.7395, 105.9814

Trichromacy



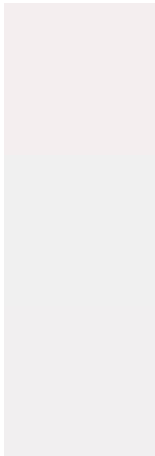
Original Color
83.4628, 86.6142, 93.9806

Protanomaly
83.1167, 86.4358, 93.9644

Deuteranomaly
85.2202, 86.2172, 94.5881

Tritanomaly
85.0393, 86.8204, 101.8985

Monochromacy



Original Color
83.4628, 86.6142, 93.9806

Achromatopsia
82.8234, 87.1367, 94.8919

Achromatomaly
82.8703, 86.7250, 94.8099

CSS Examples

Text

The CSS property to change the color of the text to XYZ 83.4628, 86.6142, 93.9806 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(244, 238, 239) looks like.

```
.text, #text, p{  
    color:rgb(244, 238, 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(244, 238, 239) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 238, 239) }
```

Border

The CSS property to change the border of an element to XYZ 83.4628, 86.6142, 93.9806 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(244, 238, 239) }
```


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

```
.border{ border-color:rgb(244, 238, 239) }
```

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

Here you see how a box with a 4 pixel `rgb(244, 238, 239)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 238, 239); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 238, 239);  
box-shadow:4px 4px 4px 4px rgb(244, 238,  
239) }
```

Background

The CSS property to change the background color of an element to XYZ 83.4628, 86.6142, 93.9806 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 238, 239) }
```

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

```
.background{ background-color: rgb(244,  
238, 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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double the colors in the color bucket, and more
awesome pro features!

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