

Converting Colors

XYZ(82.6408, 86.5548, 97.1451)

Have a look what the booklet for
XYZ(82.6408, 86.5548, 97.1451)
contains.

XYZ(82.6408, 86.5548, 97.1451)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

**XYZ(82.6408, 86.5548,
97.1451)**

Conversions

Conversions Part 1

Format	Color
Hex	EFEFF3
RGB	239, 239, 243
RGB Percent	94%, 94%, 95%
CMY	0.0627, 0.0627, 0.0471
CMYK	0.02, 0.02, 0.00, 0.05
HSL	240°, 14%, 95%
HSV	240°, 2%, 95%
XYZ	82.6408, 86.5548, 97.1451
YIQ	239.4560, -1.2840, 1.2440

Conversions

Conversions Part 2

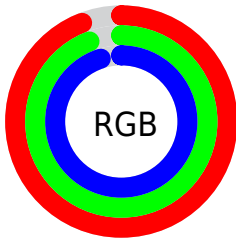
Format	Color
R_{YB}	239, 239, 243
Decimal	15724531
CIE _{Lab}	94.55, 0.72, -1.94
CIE _{LCh}	95, 2.066, 290.375
Yxy	86.5548, 0.3103, 0.3250
Android (android.graphics.Color)	4293914611 (0xFFEFEFF3)
YUV	239.4560, 1.7472, -0.3999
Hunter-Lab	93.0348, -4.2533, 3.2150

Details

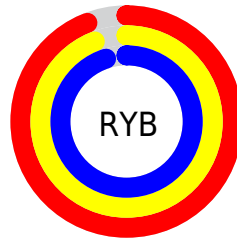
The XYZ color **82.6408, 86.5548, 97.1451** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **84.5929, 89.3869, 94.4576**, and the grayscale version is **82.3891, 86.6797, 94.3942**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **45.4316, 47.5221, 53.7919** is the 20% darker color. If you saturate the color by 10%, you get **68.3462, 69.3360, 94.5763**, and if you desaturate by 10%, it is **93.1779, 99.2512, 99.0417**.

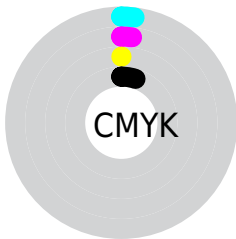
Distribution



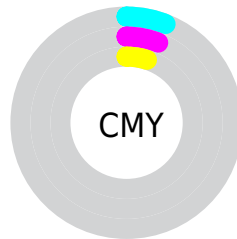
- Red (94%)
- Green (94%)
- Blue (95%)



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



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



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 82.6408, 86.5548, 97.1451 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 82.6408, 86.5548, 97.1451 by changing the saturation by 10% instead.

82.6408, 86.5548,
97.1451

82.6408, 86.5548,
97.1451

492.3907,
516.7588, 572.1685

62.2098, 65.1268,
73.3149

136.0034,
142.5434, 159.2458

45.4585, 47.5639,
53.7401

169.6657,
177.8729, 198.3534

32.0215, 33.4817,
38.0022

208.4691,
218.6050, 243.3906

21.5336, 22.4957,
25.6825

252.7790,
265.1242, 294.7758

13.6292, 14.2216,
16.3627

302.9608,
317.8147, 352.9277

7.9432, 8.2749,
9.6240

359.3797,

4.1101, 4.2714,

377.0611, 418.2648

5.0481

422.4013,
443.2477, 491.2055

■ 1.7646, 1.8265,
2.2163

■ 0.4962, 0.5036,
0.6837

■ 82.6408, 86.5548,
97.1451

■ 82.6408, 86.5548,
97.1451

■ 68.3462, 69.3360,
94.5763

■ 93.1779, 99.2512,
99.0417

■ 56.0251, 54.4932,
92.3607

■ 45.5932, 41.9253,
90.4847

■ 36.9571, 31.5202,
88.9315

■ 30.0155, 23.1558,
87.6828

■ 24.6572, 16.6982,
86.7188

■ 20.7574, 11.9974,
86.0170

■ 18.1730, 8.8809,
85.5517

■ 16.7319, 7.1417,
85.2919

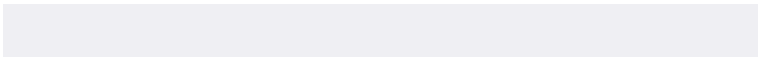
Harmonies

Analogous

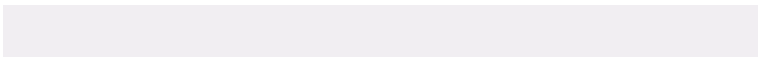
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



82.0890, 86.5548, 97.2968



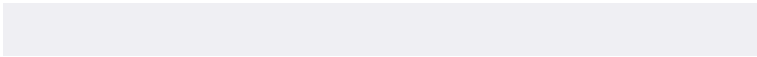
82.6408, 86.5548, 97.1451



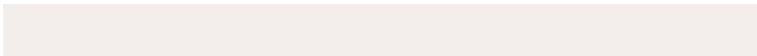
83.0946, 86.5548, 96.2111

Triad

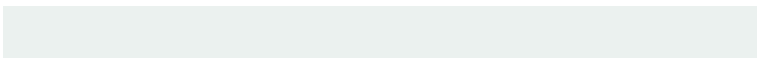
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



82.6408, 86.5548, 97.1451



82.9520, 86.5548, 91.9031



81.2174, 86.5548, 93.7321

Complementary

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



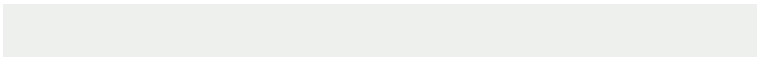
82.6408, 86.5548, 97.1451



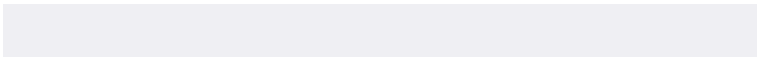
84.5929, 89.3869, 94.4576

Split Complementary

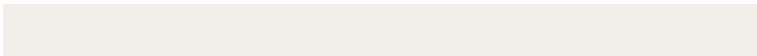
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



81.4464, 86.5548, 92.3028



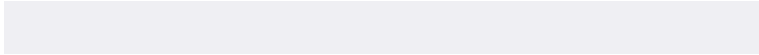
82.6408, 86.5548, 97.1451



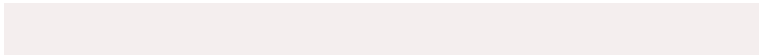
82.4468, 86.5548, 91.2547

Square

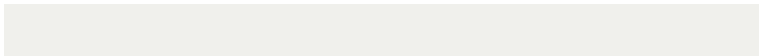
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



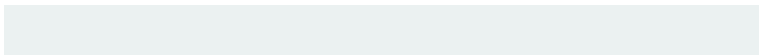
82.6408, 86.5548, 97.1451



83.2748, 86.5548, 93.1807



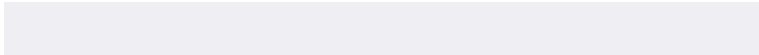
81.8958, 86.5548, 91.4002



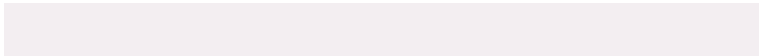
81.2689, 86.5548, 95.3143

Rectangle

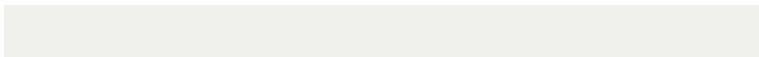
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



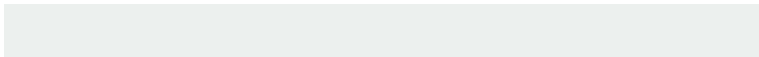
82.6408, 86.5548, 97.1451



83.2796, 86.5548, 95.2763



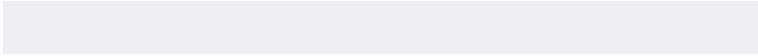
81.8958, 86.5548, 91.4002



81.2641, 86.5548, 93.2181

Sweetspot

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



82.6433, 86.5585, 97.1470

95.0500, 100.0000, 108.9000



83.8161, 88.9203, 97.4883



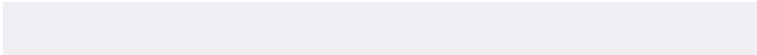
20.3446, 21.4041, 23.3091



0.0000, 0.0000, 0.0000

Same Dimension

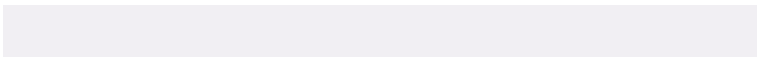
The Same Dimension uses a secret algorithm to generate beautiful new colors.



82.6433, 86.5585, 97.1470



91.5946, 95.8377, 108.2787



83.2984, 86.8946, 97.1773



17.9878, 18.8267, 21.2284



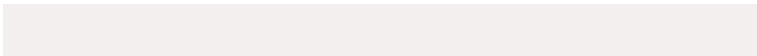
8.8808, 3.5554, 46.7562



0.7810, 0.3134, 4.1096

Inverse Universe

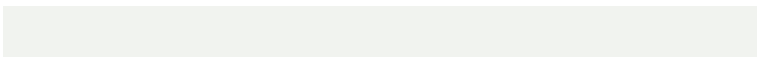
The Inverse Universe completely reimagines the original color for something new.



83.4106, 87.0214, 94.0663



92.6349, 96.4652, 104.1016



83.9303, 89.0471, 94.4269



18.1809, 18.9432, 20.4529



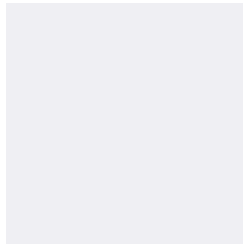
20.2871, 10.4583, 0.9545



1.7833, 0.9193, 0.0851

Previews

White Background



This preview shows how the XYZ color 82.6408, 86.5548, 97.1451 looks on a white background.

Color Contrast Check

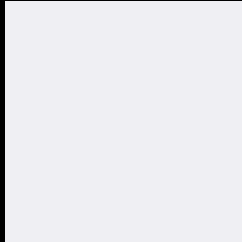
Large Text (above 18pt) WCAG AA × Fail

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 82.6408, 86.5548, 97.1451 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

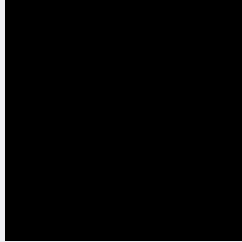
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

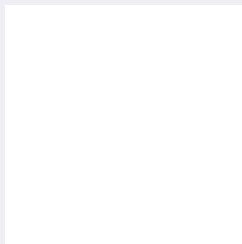
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 82.6408, 86.5548, 97.1451

Background



This preview shows how black text looks on a background with the XYZ color 82.6408, 86.5548, 97.1451.



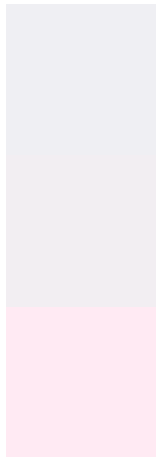
This preview shows how white text looks on a background with the XYZ color 82.6408, 86.5548,

97.1451.

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

82.6408, 86.5548, 97.1451

Protanopia

83.2195, 86.4371, 96.3023

Deuteranopia

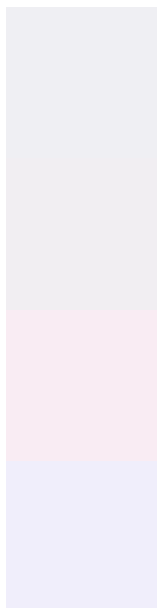
86.8405, 86.5767, 96.9280



Tritanopia

84.6098, 86.4891, 106.8424

Trichromacy



Original Color

82.6408, 86.5548, 97.1451

Protanomaly

82.8772, 86.2606, 96.2863

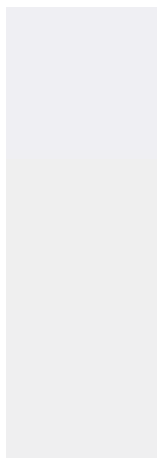
Deuteranomaly

85.2400, 86.6017, 97.0172

Tritanomaly

83.9223, 86.6394, 103.5667

Monochromacy



Original Color

82.6408, 86.5548, 97.1451

Achromatopsia

82.0431, 86.3157, 93.9978

Achromatomaly

82.1913, 86.3750, 94.7782

CSS Examples

Text

The CSS property to change the color of the text to XYZ 82.6408, 86.5548, 97.1451 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(239, 239, 243) looks like.

```
.text, #text, p{  
    color:rgb(239, 239, 243)  
}
```

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(239, 239, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 239, 243) }
```

Border

The CSS property to change the border of an element to XYZ 82.6408, 86.5548, 97.1451 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(239, 239, 243) }
```

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

```
.border{ border-color:rgb(239, 239, 243) }
```

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

Here you see how a box with a 4 pixel rgb(239, 239, 243) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 239, 243); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 239, 243);  
box-shadow:4px 4px 4px 4px rgb(239, 239,  
243) }
```


Background

The CSS property to change the background color of an element to XYZ 82.6408, 86.5548, 97.1451 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 239, 243) }
```

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

```
.background{ background-color: rgb(239,  
239, 243) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor