

Converting Colors

XYZ(85.7877, 90.1038, 98.3286)

Have a look what the booklet for
XYZ(85.7877, 90.1038, 98.3286)
contains.

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Color

**XYZ(85.6880, 89.8659,
98.4176)**

Conversions

Conversions Part 1

Format	Color
Hex	F4F3F4
RGB	244, 243, 244
RGB Percent	96%, 95%, 96%
CMY	0.0431, 0.0470, 0.0431
CMYK	0.00, 0.00, 0.00, 0.04
HSL	300°, 4%, 95%
HSV	300°, 0%, 96%
XYZ	85.6880, 89.8659, 98.4176
YIQ	243.4130, 0.2750, 0.5230

Conversions

Conversions Part 2

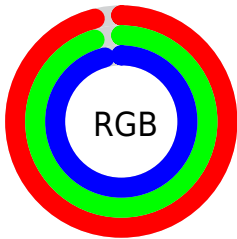
Format	Color
RYB	244, 243, 244
Decimal	16053236
CIELab	95.94, 0.51, -0.37
CIElCh	96, 0.635, 323.998
Yxy	89.8659, 0.3128, 0.3280
Android (android.graphics.Color)	4294243316 (0xFFFF4F3F4)
YUV	243.4130, 0.2894, 0.5148
Hunter-Lab	94.7976, -4.5489, 4.8043

Details

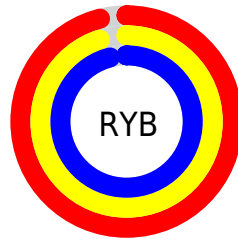
The XYZ color **85.6880, 89.8659, 98.4176** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **85.4939, 90.2296, 97.7086**, and the grayscale version is **85.5202, 89.9739, 97.9816**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **47.5865, 49.8629, 54.6934** is the 20% darker color. If you saturate the color by 10%, you get **78.8666, 76.2225, 96.1433**, and if you desaturate by 10%, it is **89.3986, 97.2853, 99.6572**.

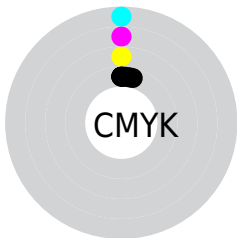
Distribution



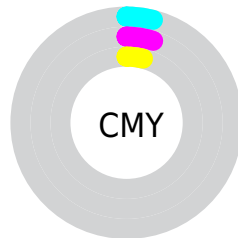
- Red (96%)
- Green (95%)
- Blue (96%)



- Red (96%)
- Yellow (95%)
- Blue (96%)



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



- Cyan (4%)
- Magenta (5%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 85.6880, 89.8659, 98.4176 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 85.6880, 89.8659, 98.4176 by changing the saturation by 10% instead.

85.6880, 89.8659,
98.4176

85.6880, 89.8659,
98.4176

502.3513,
527.5945, 576.3106

64.7344, 67.8694,
74.3702

140.2431,
147.1521, 161.0138

47.5097, 49.7915,
54.5984

174.5753,
183.2106, 200.3996

33.6484, 35.2478,
38.6839

214.0978,
224.7253, 245.7352

22.7852, 23.8538,
26.2080

259.1758,
272.0805, 297.4393

14.5548, 15.2252,
16.7521

310.1749,
325.6606, 355.9304

8.5918, 8.9776,
9.8978

367.4602,

4.5309, 4.7266,

385.8501, 421.6269

5.2266

431.3973,
453.0333, 494.9475

■ 2.0066, 2.0877,
2.3197

■ 0.6377, 0.6577,
0.7422

■ 85.6880, 89.8659,
98.4176

■ 85.6880, 89.8659,
98.4176

■ 78.8666, 76.2225,
96.1433

■ 89.3986, 97.2853,
99.6572

■ 72.9751, 64.4399,
94.1778

■ 89.3989, 97.2854,
99.6589

■ 67.9755, 54.4412,
92.5096

■ 89.3993, 97.2856,
99.6607

■ 63.8243, 46.1394,
91.1243

■ 89.3996, 97.2857,
99.6624

60.4746, 39.4404,
90.0061

89.3999, 97.2858,
99.6642

57.8745, 34.2409,
89.1378

89.4002, 97.2860,
99.6659

55.9665, 30.4255,
88.5001

89.4006, 97.2861,
99.6676

54.6846, 27.8621,
88.0712

89.4009, 97.2862,
99.6694

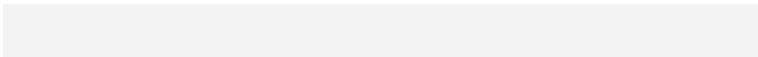
53.9498, 26.3930,
87.8246

89.4012, 97.2864,
99.6711

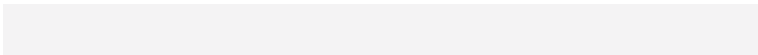
Harmonies

Analogous

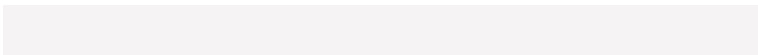
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



85.5521, 89.8659, 98.7338



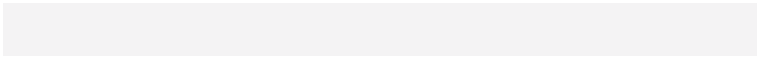
85.6880, 89.8659, 98.4176



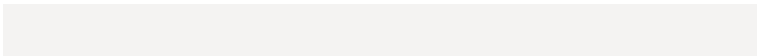
85.7507, 89.8659, 97.9497

Triad

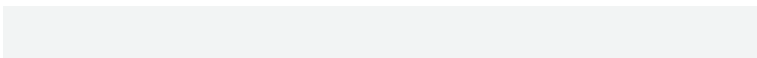
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



85.6880, 89.8659, 98.4176



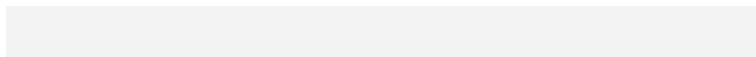
85.4501, 89.8659, 96.8911



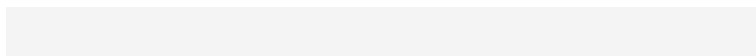
85.1071, 89.8659, 98.2421

Complementary

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



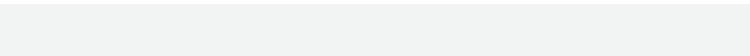
85.6880, 89.8659, 98.4176



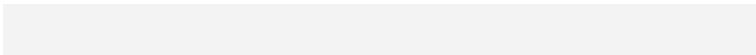
85.4939, 90.2296, 97.7086

Split Complementary

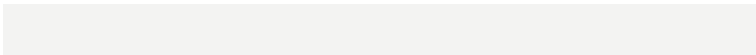
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



85.0798, 89.8659, 97.7477



85.6880, 89.8659, 98.4176



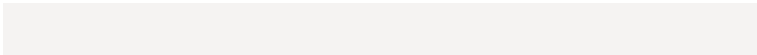
85.2777, 89.8659, 96.9689

Square

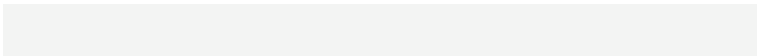
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



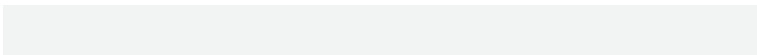
85.6880, 89.8659, 98.4176



85.6133, 89.8659, 97.0693



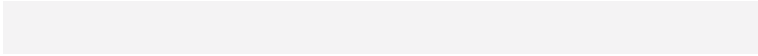
85.1423, 89.8659, 97.2820



85.2167, 89.8659, 98.6322

Rectangle

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



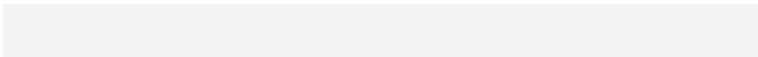
85.6880, 89.8659, 98.4176



85.7425, 89.8659, 97.6152



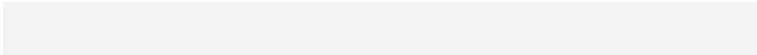
85.1423, 89.8659, 97.2820



85.0880, 89.8659, 98.0825

Sweetspot

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



85.6905, 89.8698, 98.4196

95.0500, 100.0000, 108.9000



85.3458, 89.6920, 98.4035



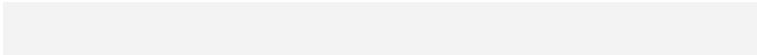
20.3446, 21.4041, 23.3091



0.0000, 0.0000, 0.0000

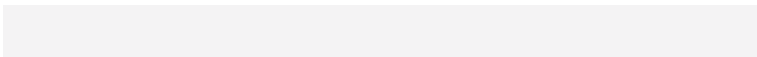
Same Dimension

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



85.6905, 89.8698, 98.4196

95.0500, 100.0000, 108.9000



85.6150, 89.8395, 98.0218



18.6292, 19.5994, 21.3438



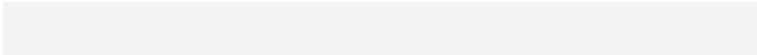
29.1633, 14.0087, 47.6956



2.5632, 1.2312, 4.1921

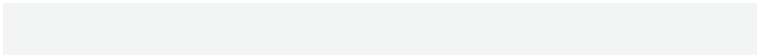
Inverse Universe

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



85.6905, 89.8698, 98.4196

95.0500, 100.0000, 108.9000



85.5692, 90.2597, 98.1053



18.6292, 19.5994, 21.3438



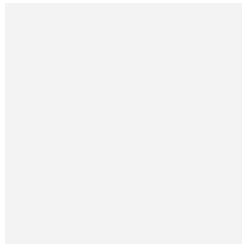
29.1633, 14.0087, 47.6956



2.5632, 1.2312, 4.1921

Previews

White Background



This preview shows how the XYZ color 85.6880, 89.8659, 98.4176 looks on a white background.

Color Contrast Check

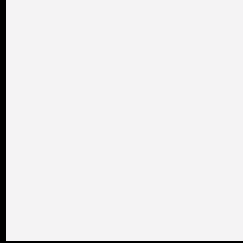
Large Text (above 18pt) WCAG AA × Fail

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 85.6880, 89.8659, 98.4176 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

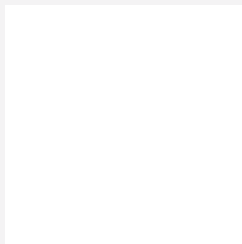
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 85.6880, 89.8659, 98.4176

Background



This preview shows how black text looks on a background with the XYZ color 85.6880, 89.8659, 98.4176.



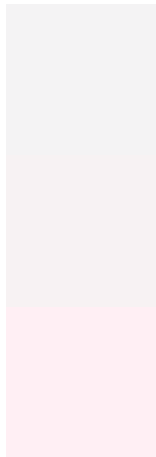
This preview shows how white text looks on a background with the XYZ color 85.6880, 89.8659,

98.476.

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

85.6880, 89.8659, 98.4176

Protanopia

86.2876, 89.7495, 97.5696

Deuteranopia

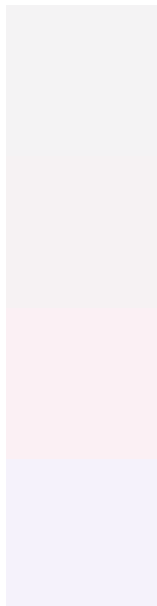
88.4356, 89.5247, 98.2069



Tritanopia

87.5113, 89.7234, 107.3138

Trichromacy



Original Color

85.6880, 89.8659, 98.4176

Protanomaly

85.9358, 89.5682, 97.5531

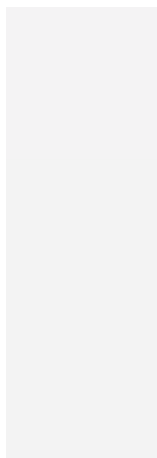
Deuteranomaly

87.2729, 89.3611, 98.2366

Tritanomaly

86.8209, 89.8818, 104.0398

Monochromacy



Original Color

85.6880, 89.8659, 98.4176

Achromatopsia

85.1904, 89.6269, 97.6037

Achromatomaly

85.1904, 89.6269, 97.6037

CSS Examples

Text

The CSS property to change the color of the text to XYZ 85.6880, 89.8659, 98.4176 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, 243, 244) looks like.

```
.text, #text, p{  
    color:rgb(244, 243, 244)  
}
```

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, 243, 244) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 243, 244) }
```

Border

The CSS property to change the border of an element to XYZ 85.6880, 89.8659, 98.4176 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, 243, 244) }
```

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

```
.border{ border-color:rgb(244, 243, 244) }
```

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

Here you see how a box with a 4 pixel rgb(244, 243, 244) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 243, 244); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 243, 244);  
box-shadow:4px 4px 4px 4px rgb(244, 243,  
244) }
```


Background

The CSS property to change the background color of an element to XYZ 85.6880, 89.8659, 98.4176 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 243, 244) }
```

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

```
.background{ background-color: rgb(244,  
243, 244) }
```

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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