

Converting Colors

XYZ(81.4164, 85.6477, 98.4668)

Have a look what the booklet for
XYZ(81.4164, 85.6477, 98.4668)
contains.

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Color

**XYZ(81.3169, 85.4038,
98.5849)**

Conversions

Conversions Part 1

Format	Color
Hex	EBEEF5
RGB	235, 238, 245
RGB Percent	92%, 93%, 96%
CMY	0.0784, 0.0666, 0.0392
CMYK	0.04, 0.03, 0.00, 0.04
HSL	222°, 33%, 94%
HSV	222°, 4%, 96%
XYZ	81.3169, 85.4038, 98.5849
YIQ	237.9010, -4.0350, 1.5410

Conversions

Conversions Part 2

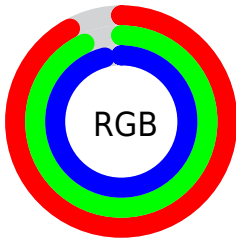
Format	Color
R _Y B	235, 237, 245
Decimal	15462133
CIE Lab	94.06, 0.28, -3.73
CIE LCh	94, 3.742, 274.271
Yxy	85.4038, 0.3065, 0.3219
Android (android.graphics.Color)	4293652213 (0xFFEBEEF5)
YUV	237.9010, 3.4998, -2.5442
Hunter-Lab	92.4142, -4.6594, 1.4410

Details

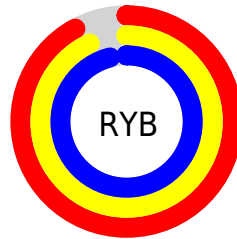
The XYZ color **81.3169, 85.4038, 98.5849** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **84.4039, 88.9140, 91.3121**, and the grayscale version is **81.1696, 85.3967, 92.9970**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **44.5037, 46.7137, 54.8152** is the 20% darker color. If you saturate the color by 10%, you get **69.0238, 72.0096, 96.6488**, and if you desaturate by 10%, it is **93.4817, 99.3727, 100.6413**.

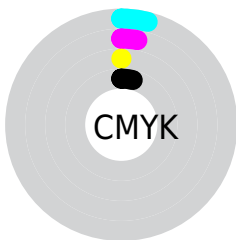
Distribution



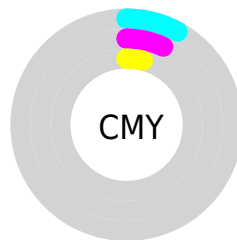
- Red (92%)
- Green (93%)
- Blue (96%)



- Red (92%)
- Yellow (93%)
- Blue (96%)



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



- Cyan (8%)
- Magenta (7%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 81.3169, 85.4038, 98.5849 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 81.3169, 85.4038, 98.5849 by changing the saturation by 10% instead.

81.3169, 85.4038,
98.5849

81.3169, 85.4038,
98.5849

488.0291,
512.9633, 576.8540

61.1148, 64.1751,
74.5090

134.1565,
140.9372, 161.2460

44.5707, 46.7925,
54.7114

167.5247,
176.0107, 200.6683

31.3193, 32.8716,
38.7737

206.0123,
216.4679, 246.0431

20.9951, 22.0281,
26.2772

249.9847,
262.6932, 297.7890

13.2329, 13.8776,
16.8035

299.8072,
315.0710, 356.3245

7.6672, 8.0356,
9.9340

355.8452,

3.9327, 4.1177,

373.9856, 422.0681

5.2502

418.4640,
439.8216, 495.4385

■ 1.6642, 1.7396,
2.3335

■ 0.4337, 0.4491,
0.7499

■ 81.3169, 85.4038,
98.5849

■ 81.3169, 85.4038,
98.5849

■ 69.0238, 72.0096,
96.6488

■ 93.4817, 99.3727,
100.6413

■ 58.2591, 60.0867,
94.9148

■ 48.9629, 49.5861,
93.3779

■ 41.0689, 40.4521,
92.0309

■ 34.5050, 32.6250,
90.8661

■ 29.1927, 26.0404,
89.8752

■ 25.0446, 20.6277,
89.0490

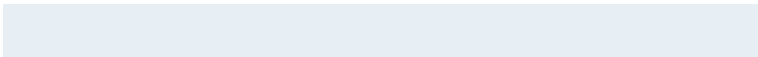
■ 21.9604, 16.3081,
88.3778

■ 19.8208, 12.9903,
87.8502

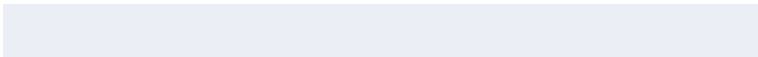
Harmonies

Analogous

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



80.3427, 85.4038, 98.0347



81.3169, 85.4038, 98.5849



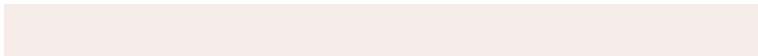
82.2603, 85.4038, 97.6109

Triad

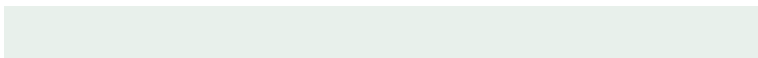
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



81.3169, 85.4038, 98.5849



82.7715, 85.4038, 89.9266



79.4555, 85.4038, 90.6224

Complementary

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



81.3169, 85.4038, 98.5849



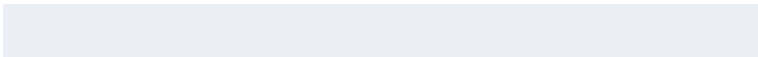
84.4039, 88.9140, 91.3121

Split Complementary

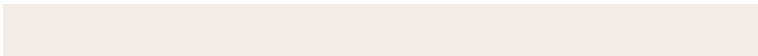
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



80.0969, 85.4038, 88.5177



81.3169, 85.4038, 98.5849



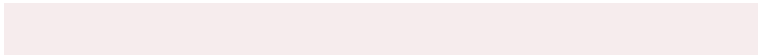
82.0105, 85.4038, 88.1218

Square

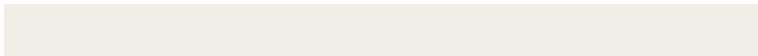
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



81.3169, 85.4038, 98.5849



83.1044, 85.4038, 92.5811



81.0308, 85.4038, 87.6113



79.2732, 85.4038, 93.4006

Rectangle

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



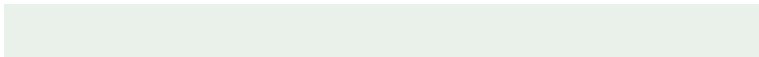
81.3169, 85.4038, 98.5849



82.7431, 85.4038, 96.2399



81.0308, 85.4038, 87.6113



79.6243, 85.4038, 89.8146

Sweetspot

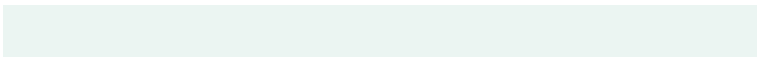
The Sweet Spot groups the original color and five complimentary colors.



81.3194, 85.4074, 98.5868



93.5516, 98.3866, 108.6676



82.9167, 89.3691, 96.7543



20.0397, 21.0758, 23.2618



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.



81.3194, 85.4074, 98.5868



87.7339, 92.1017, 107.7611



81.0605, 83.9865, 98.3261



17.0072, 17.8474, 21.0911



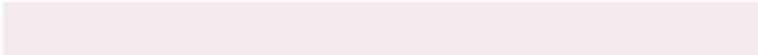
10.2890, 6.3718, 47.2256



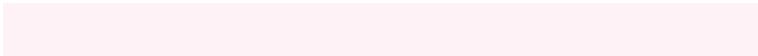
0.9905, 0.7325, 4.1794

Inverse Universe

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



82.7990, 85.0038, 92.9366



89.7134, 91.5719, 100.1998



84.6688, 90.3887, 91.5828



17.4462, 17.7316, 19.4135



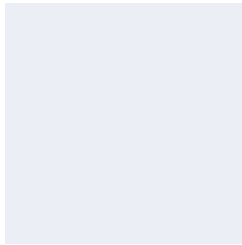
20.9979, 10.7426, 4.6975



1.8890, 0.9616, 0.6420

Previews

White Background



This preview shows how the XYZ color 81.3169, 85.4038, 98.5849 looks on a white background.

Color Contrast Check

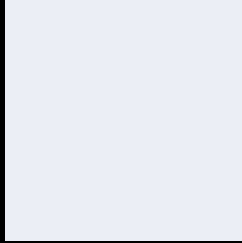
Large Text (above 18pt) WCAG AA × Fail

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 81.3169, 85.4038, 98.5849 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

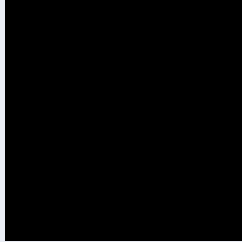
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

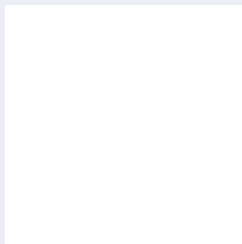
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 81.3169, 85.4038, 98.5849

Background



This preview shows how black text looks on a background with the XYZ color 81.3169, 85.4038, 98.5849.



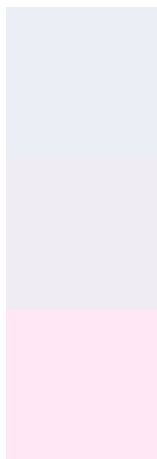
This preview shows how white text looks on a background with the XYZ color 81.3169, 85.4038,

98.5849.

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

81.3169, 85.4038, 98.5849

Protanopia

82.2598, 85.0478, 97.6683

Deuteranopia

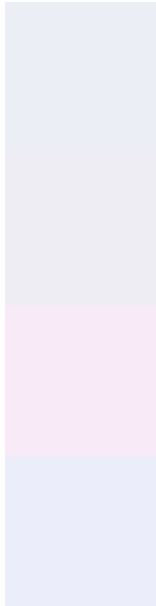
86.4505, 85.0656, 99.0517



Tritanopia

82.9705, 85.2154, 106.6829

Trichromacy



Original Color

81.3169, 85.4038, 98.5849

Protanomaly

81.8732, 85.2772, 97.7329

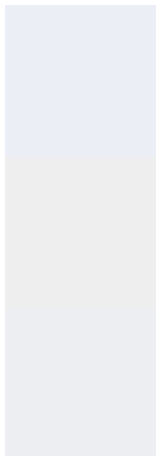
Deuteranomaly

84.7688, 85.4559, 99.2156

Tritanomaly

82.2888, 85.3663, 103.4070

Monochromacy



Original Color

81.3169, 85.4038, 98.5849

Achromatopsia

81.2670, 85.4993, 93.1087

Achromatomaly

81.3768, 85.5045, 95.4341

CSS Examples

Text

The CSS property to change the color of the text to XYZ 81.3169, 85.4038, 98.5849 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(235, 238, 245) looks like.

```
.text, #text, p{  
    color:rgb(235, 238, 245)  
}
```

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(235, 238, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 238, 245) }
```

Border

The CSS property to change the border of an element to XYZ 81.3169, 85.4038, 98.5849 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(235, 238, 245) }
```


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

```
.border{ border-color:rgb(235, 238, 245) }
```

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

Here you see how a box with a 4 pixel `rgb(235, 238, 245)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 238, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 238, 245);  
box-shadow:4px 4px 4px 4px rgb(235, 238,  
245) }
```

Background

The CSS property to change the background color of an element to XYZ 81.3169, 85.4038, 98.5849 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 238, 245) }
```

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

```
.background{ background-color: rgb(235,  
238, 245) }
```

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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