

Converting Colors

XYZ(85.9574, 94.3177, 98.1933)

Have a look what the booklet for
XYZ(85.9574, 94.3177, 98.1933)
contains.

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Color

**XYZ(85.9131, 94.0964,
98.4283)**

Conversions

Conversions Part 1

Format	Color
Hex	EDFCF3
RGB	237, 252, 243
RGB Percent	93%, 99%, 95%
CMY	0.0706, 0.0117, 0.0471
CMYK	0.06, 0.00, 0.04, 0.01
HSL	144°, 71%, 96%
HSV	144°, 6%, 99%
XYZ	85.9131, 94.0964, 98.4283
YIQ	246.4890, -6.0510, -5.9790

Conversions

Conversions Part 2

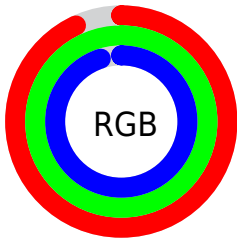
Format	Color
R _Y B	237, 248, 252
Decimal	15596787
CIE Lab	97.67, -6.52, 2.60
CIE LCh	98, 7.019, 158.242
Yxy	94.0964, 0.3086, 0.3379
Android (android.graphics.Color)	4293786867 (0xFFEDFCF3)
YUV	246.4890, -1.7201, -8.3219
Hunter-Lab	97.0033, -11.6633, 7.7413

Details

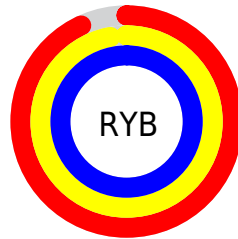
The XYZ color **85.9131, 94.0964, 98.4283** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **87.0671, 87.9200, 99.5747**, and the grayscale version is **88.0126, 92.5961, 100.8371**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **47.5408, 52.4418, 54.6303** is the 20% darker color. If you saturate the color by 10%, you get **75.8930, 89.1866, 86.5254**, and if you desaturate by 10%, it is **94.1022, 98.1044, 108.5841**.

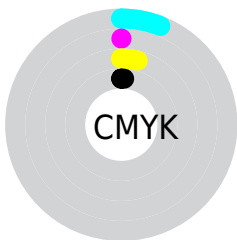
Distribution



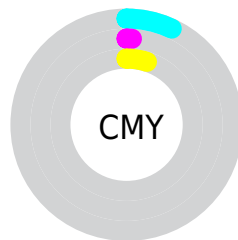
- Red (93%)
- Green (99%)
- Blue (95%)



- Red (93%)
- Yellow (97%)
- Blue (99%)



- Cyan (6%)
- Magenta (0%)
- Yellow (4%)
- Black (1%)





- Cyan (7%)
- Magenta (1%)
- Yellow (5%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 85.9131, 94.0964, 98.4283 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 85.9131, 94.0964, 98.4283 by changing the saturation by 10% instead.


 85.9131, 94.0964,
98.4283

 85.9131, 94.0964,
98.4283


503.0829,
541.2681, 576.3454

 64.9211, 71.3831,
74.3790


140.5557,
153.0157, 161.0286

 47.6616, 52.6549,
54.6057


174.9370,
189.9904, 200.4168

 33.7691, 37.5274,
38.6896


214.5122,
232.4878, 245.7549

 22.8783, 25.6161,
26.2124

259.6465,
280.8923, 297.4617

 14.6239, 16.5366,
16.7554

310.7054,
335.5881, 355.9556

 8.6404, 9.9047,
9.9001

368.0542,

 4.5626, 5.3358,

396.9598, 421.6551

5.2281

432.0582,
465.3917, 494.9789

■ 2.0251, 2.4456,
2.3206

■ 0.6480, 0.8492,
0.7427

■ 85.9131, 94.0964,
98.4283

■ 85.9131, 94.0964,
98.4283

■ 75.8930, 89.1866,
86.5254

■ 94.1022, 98.1044,
108.5841

■ 67.1874, 84.9306,
75.6406

■ 59.7416, 81.3034,
65.7488

■ 53.4943, 78.2739,
56.8218

■ 48.3785, 75.8082,
48.8298

■ 44.3206, 73.8690,
41.7415

■ 41.2375, 72.4140,
35.5239

■ 39.0329, 71.3943,
30.1416

■ 37.5882, 70.7496,
25.5560

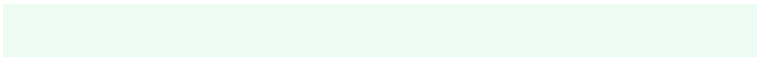
Harmonies

Analogous

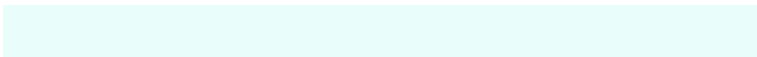
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



87.0776, 94.0964, 94.0499



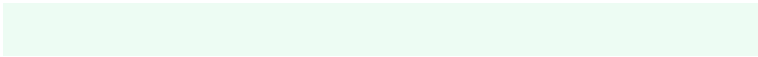
85.9131, 94.0964, 98.4283



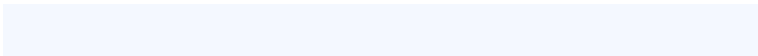
85.6854, 94.0964, 104.0413

Triad

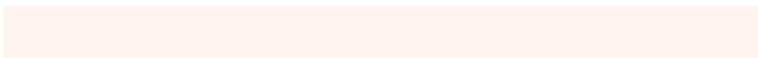
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



85.9131, 94.0964, 98.4283



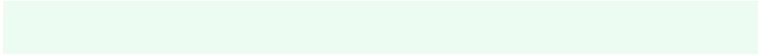
89.9880, 94.0964, 113.7404



92.4888, 94.0964, 95.7908

Complementary

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



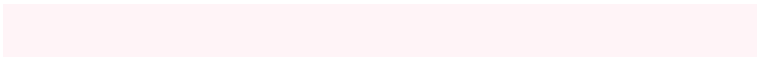
85.9131, 94.0964, 98.4283



87.0671, 87.9200, 99.5747

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.



93.2941, 94.0964, 100.8849



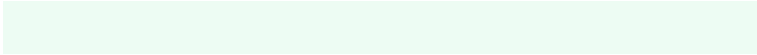
85.9131, 94.0964, 98.4283



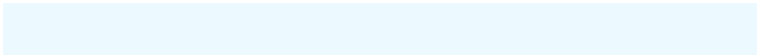
91.8363, 94.0964, 111.3465

Square

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



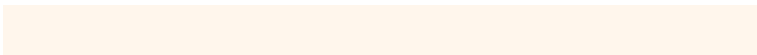
85.9131, 94.0964, 98.4283



88.0185, 94.0964, 113.0231



93.0535, 94.0964, 106.5900



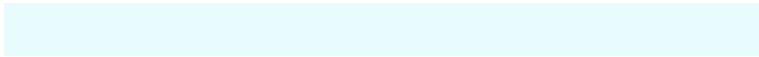
90.8682, 94.0964, 92.5671

Rectangle

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



85.9131, 94.0964, 98.4283



86.0921, 94.0964, 107.7530



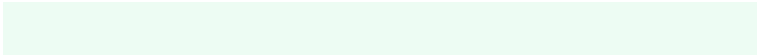
93.0535, 94.0964, 106.5900



92.8650, 94.0964, 97.3335

Sweetspot

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



85.9157, 94.1004, 98.4304



92.7096, 98.8500, 106.2388



88.1938, 95.3778, 93.8835



19.8682, 21.1700, 22.7675



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.



85.9157, 94.1004, 98.4304



87.1081, 96.0995, 99.7755



87.0332, 94.5474, 104.3148



17.7183, 19.6270, 20.2920



19.4190, 36.7806, 12.8155



1.8493, 3.4268, 1.4542

Inverse Universe

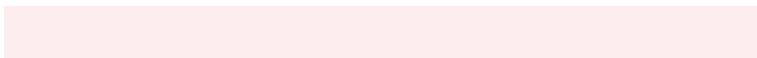
The Inverse Universe completely reimagines the original color for something new.



87.0671, 87.9200, 99.5747



88.4895, 88.6840, 101.1484



85.9750, 87.4832, 93.8241



18.0239, 17.9865, 20.5957



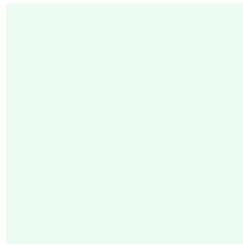
23.9061, 11.9781, 16.7455



2.2664, 1.1303, 1.8265

Previews

White Background



This preview shows how the XYZ color 85.9131, 94.0964, 98.4283 looks on a white background.

Color Contrast Check

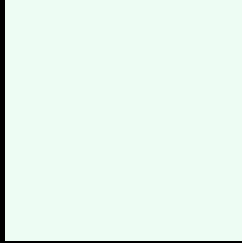
Large Text (above 18pt) WCAG AA × Fail

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 85.9131, 94.0964, 98.4283 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

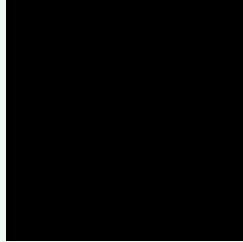
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

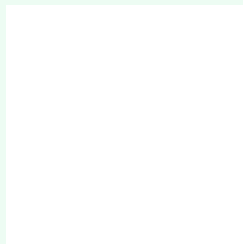
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 85.9131, 94.0964, 98.4283

Background



This preview shows how black text looks on a background with the XYZ color 85.9131, 94.0964, 98.4283.



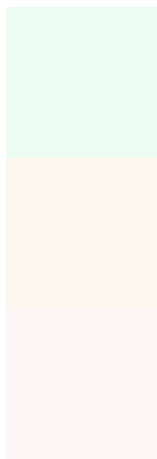
This preview shows how white text looks on a background with the XYZ color 85.9131, 94.0964,

98.4 83.

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

85.9131, 94.0964, 98.4283

Protanopia

89.8620, 93.8836, 95.8232

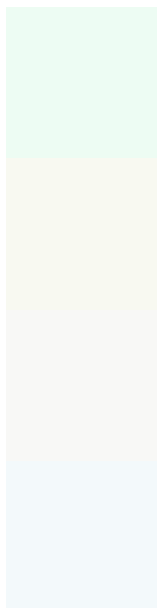
Deuteranopia

90.9843, 93.8869, 101.3223

Tritanopia

89.6234, 93.9476, 108.0178

Trichromacy



Original Color

85.9131, 94.0964, 98.4283

Protanomaly

88.4643, 94.0587, 96.7117

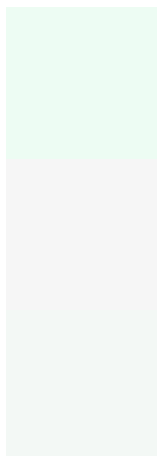
Deuteranomaly

88.9134, 93.7451, 100.5972

Tritanomaly

88.2504, 93.7711, 104.7151

Monochromacy



Original Color

85.9131, 94.0964, 98.4283

Achromatopsia

87.5964, 92.1582, 100.3603

Achromatomaly

87.0110, 92.7821, 99.7090

CSS Examples

Text

The CSS property to change the color of the text to XYZ 85.9131, 94.0964, 98.4283 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(237, 252, 243)` looks like.

```
.text, #text, p{  
    color:rgb(237, 252, 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(237, 252, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 252, 243) }
```

Border

The CSS property to change the border of an element to XYZ 85.9131, 94.0964, 98.4283 is called "border". The border property can be set on classes, ids or directly on the HTML element.

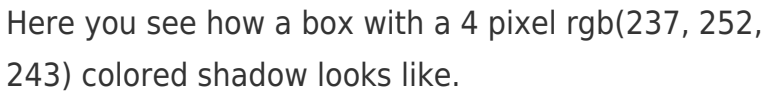
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(237, 252, 243) }
```


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

```
.border{ border-color:rgb(237, 252, 243) }
```

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



Here you see how a box with a 4 pixel `rgb(237, 252, 243)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(237, 252, 243); -webkit-box-shadow:4px 4px 4px 4px rgb(237, 252, 243); box-shadow:4px 4px 4px 4px rgb(237, 252, 243) }
```

Background

The CSS property to change the background color of an element to XYZ 85.9131, 94.0964, 98.4283 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 252, 243) }
```

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

```
.background{ background-color: rgb(237,  
252, 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](#).

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