

Converting Colors

XYZ(85.3923, 94.0250,
100.1496)

Have a look what the booklet for
XYZ(85.3923, 94.0250, 100.1496)
contains.

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Color

**XYZ(85.5384, 94.3356,
100.0864)**

Conversions

Conversions Part 1

Format	Color
Hex	EAFDF5
RGB	234, 253, 245
RGB Percent	92%, 99%, 96%
CMY	0.0823, 0.0078, 0.0392
CMYK	0.08, 0.00, 0.03, 0.01
HSL	155°, 83%, 95%
HSV	155°, 8%, 99%
XYZ	85.5384, 94.3356, 100.0864
YIQ	246.4070, -8.7560, -6.5160

Conversions

Conversions Part 2

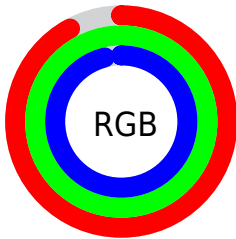
Format	Color
RYB	234, 246, 253
Decimal	15400437
CIELab	97.77, -7.64, 1.69
CIELCh	98, 7.822, 167.538
Yxy	94.3356, 0.3055, 0.3370
Android (android.graphics.Color)	4293590517 (0xFFEAFDF5)
YUV	246.4070, -0.6937, -10.8809
Hunter-Lab	97.1265, -12.7681, 6.8917

Details

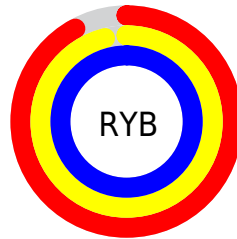
The XYZ color **85.5384, 94.3356, 100.0864** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **85.9613, 86.1415, 96.1053**, and the grayscale version is **87.9397, 92.5194, 100.7536**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **47.2853, 52.6190, 55.8084** is the 20% darker color. If you saturate the color by 10%, you get **76.2381, 89.7264, 91.4034**, and if you desaturate by 10%, it is **94.4171, 98.7342, 108.6890**.

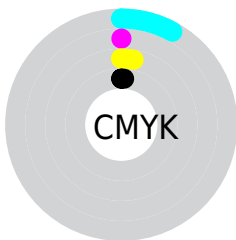
Distribution



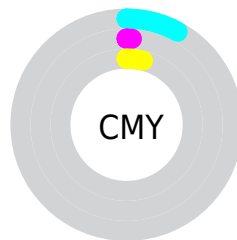
- Red (92%)
- Green (99%)
- Blue (96%)



- Red (92%)
- Yellow (96%)
- Blue (99%)



- Cyan (8%)
- Magenta (0%)
- Yellow (3%)
- Black (1%)




- Cyan (8%)
- Magenta (1%)
- Yellow (4%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 85.5384, 94.3356, 100.0864 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 85.5384, 94.3356, 100.0864 by changing the saturation by 10% instead.

 85.5384, 94.3356,
100.0864

 85.5384, 94.3356,
100.0864


501.8648,
542.0358, 581.7187

 64.6103, 71.5821,
75.7554


140.0353,
153.3464, 163.3288

 47.4087, 52.8174,
55.7265


174.3349,
190.3725, 203.0773

 33.5682, 37.6570,
39.5812


213.8223,
232.9249, 248.8021

 22.7234, 25.7166,
26.9008

258.8629,
281.3881, 300.9217

 14.5089, 16.6117,
17.2670

309.8221,
336.1463, 359.8546

 8.5595, 9.9581,
10.2611

367.0653,

 4.5098, 5.3712,

397.5841, 426.0193

5.4645

430.9577,
466.0858, 499.8345

■ 1.9944, 2.4666,
2.4588

■ 0.6308, 0.8599,
0.8182

■ 85.5384, 94.3356,
100.0864

■ 85.5384, 94.3356,
100.0864

■ 76.2381, 89.7264,
91.4034

94.4171, 98.7342,
108.6890

■ 68.1635, 85.7357,
83.2567

■ 61.2619, 82.3393,
75.6375

■ 55.4738, 79.5066,
68.5345

■ 50.7343, 77.2045,
61.9358

■ 46.9713, 75.3958,
55.8288

■ 44.1032, 74.0389,
50.2003

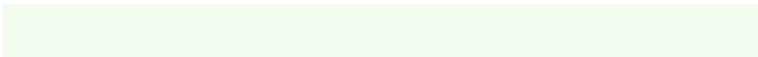
■ 42.0340, 73.0843,
45.0363

■ 40.6386, 72.4679,
40.3207

Harmonies

Analogous

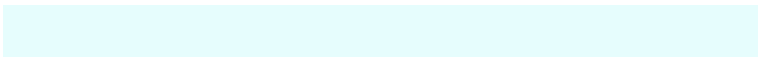
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



86.5349, 94.3356, 94.6408



85.5384, 94.3356, 100.0864



85.6337, 94.3356, 106.4631

Triad

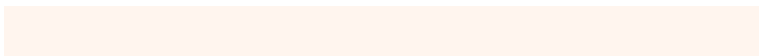
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



85.5384, 94.3356, 100.0864



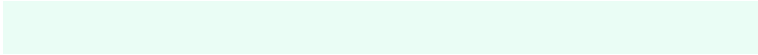
90.9623, 94.3356, 114.8839



92.5912, 94.3356, 93.9140

Complementary

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



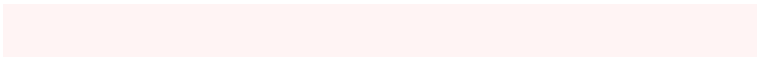
85.5384, 94.3356, 100.0864



85.9613, 86.1415, 96.1053

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.



93.8170, 94.3356, 99.0568



85.5384, 94.3356, 100.0864



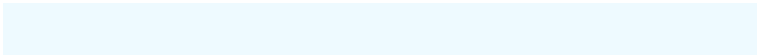
92.8660, 94.3356, 111.2368

Square

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



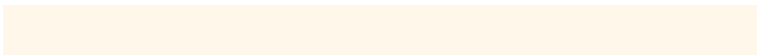
85.5384, 94.3356, 100.0864



88.7404, 94.3356, 115.1876



93.9184, 94.3356, 105.3901



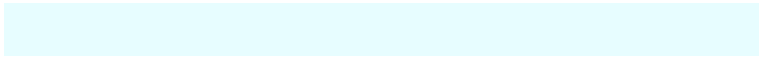
90.5923, 94.3356, 91.1777

Rectangle

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



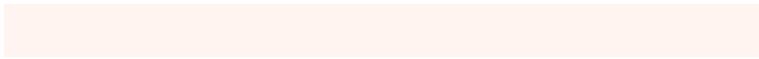
85.5384, 94.3356, 100.0864



86.3036, 94.3356, 110.3860



93.9184, 94.3356, 105.3901



93.1087, 94.3356, 95.4087

Sweetspot

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



85.5411, 94.3396, 100.0885



92.8546, 98.9079, 107.0021



86.6779, 95.1140, 91.6336



19.8977, 21.1818, 22.9229



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

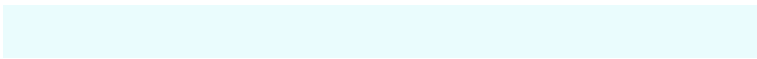
The Same Dimension uses a secret algorithm to generate beautiful new colors.



85.5411, 94.3396, 100.0885



85.5874, 95.2972, 100.5371



86.3912, 94.0418, 106.5319



18.2124, 20.3445, 21.4216



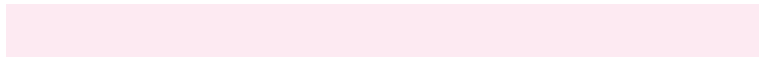
21.5381, 38.5118, 21.2509



2.1517, 3.7716, 2.3566

Inverse Universe

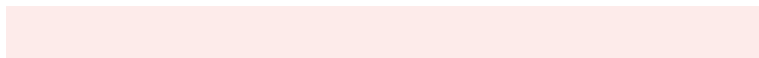
The Inverse Universe completely reimagines the original color for something new.



85.9613, 86.1415, 96.1053



86.0951, 85.3951, 95.7261



85.1470, 86.3950, 90.0314



18.3268, 18.1140, 20.3379



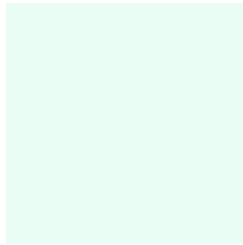
23.0172, 11.6962, 8.7408



2.2942, 1.1601, 1.1308

Previews

White Background



This preview shows how the XYZ color 85.5384, 94.3356, 100.0864 looks on a white background.

Color Contrast Check

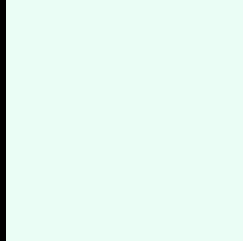
Large Text (above 18pt) WCAG AA × Fail

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 85.5384, 94.3356, 100.0864 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

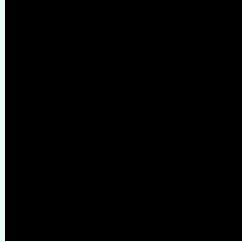
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

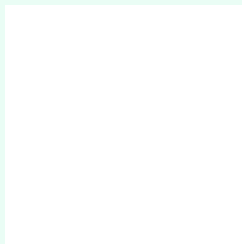
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 85.5384, 94.3356, 100.0864

Background



This preview shows how black text looks on a background with the XYZ color 85.5384, 94.3356, 100.0864.



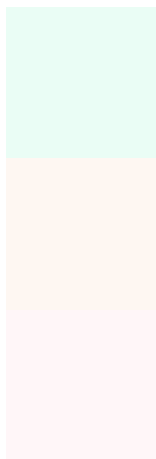
This preview shows how white text looks on a background with the XYZ color 85.5384, 94.3356,

100.0864.

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

85.5384, 94.3356, 100.0864

Protanopia

90.1608, 94.0032, 97.3968

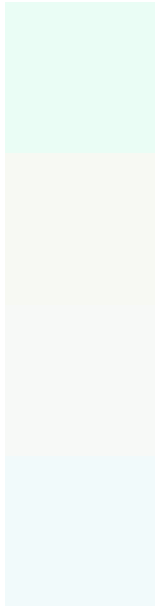
Deuteranopia

91.1390, 93.9488, 102.1373

Tritanopia

89.5819, 94.3838, 108.1042

Trichromacy



Original Color

85.5384, 94.3356, 100.0864

Protanomaly

88.4111, 93.9966, 98.2774

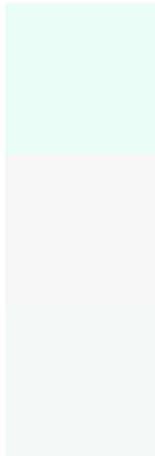
Deuteranomaly

89.0220, 94.2409, 101.4940

Tritanomaly

87.8738, 94.0370, 104.7863

Monochromacy



Original Color

85.5384, 94.3356, 100.0864

Achromatopsia

87.5964, 92.1582, 100.3603

Achromatomaly

87.1282, 93.2824, 100.6019

CSS Examples

Text

The CSS property to change the color of the text to XYZ 85.5384, 94.3356, 100.0864 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(234, 253, 245)` looks like.

```
.text, #text, p{  
    color:rgb(234, 253, 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(234, 253, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 253, 245) }
```

Border

The CSS property to change the border of an element to XYZ 85.5384, 94.3356, 100.0864 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(234, 253, 245) }
```


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

```
.border{ border-color:rgb(234, 253, 245) }
```

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

Here you see how a box with a 4 pixel `rgb(234, 253, 245)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 253, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 253, 245);  
box-shadow:4px 4px 4px 4px rgb(234, 253,  
245) }
```

Background

The CSS property to change the background color of an element to XYZ 85.5384, 94.3356, 100.0864 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 253, 245) }
```

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

```
.background{ background-color: rgb(234,  
253, 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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