

Converting Colors

XYZ(85.7014, 93.4338,
102.3245)

Have a look what the booklet for
XYZ(85.7014, 93.4338, 102.3245)
contains.

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Color

**XYZ(85.7014, 93.4338,
102.3245)**

Conversions

Conversions Part 1

Format	Color
Hex	EBFBF8
RGB	235, 251, 248
RGB Percent	92%, 98%, 97%
CMY	0.0784, 0.0157, 0.0274
CMYK	0.06, 0.00, 0.01, 0.02
HSL	169°, 67%, 95%
HSV	169°, 6%, 98%
XYZ	85.7014, 93.4338, 102.3245
YIQ	245.8740, -8.5730, -4.3250

Conversions

Conversions Part 2

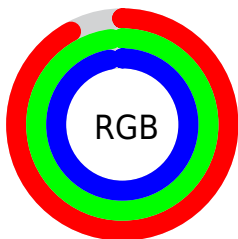
Format	Color
R _Y B	235, 244, 251
Decimal	15465464
CIE Lab	97.40, -5.76, -0.38
CIE LCh	97, 5.776, 183.751
Yxy	93.4338, 0.3045, 0.3320
Android (android.graphics.Color)	4293655544 (0xFFEBFBF8)
YUV	245.8740, 1.0481, -9.5365
Hunter-Lab	96.6612, -10.8959, 4.8990

Details

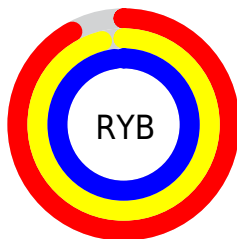
The XYZ color **85.7014, 93.4338, 102.3245** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **84.9280, 86.1014, 93.0364**, and the grayscale version is **87.4946, 92.0511, 100.2436**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **47.6199, 52.4197, 57.4773** is the 20% darker color. If you saturate the color by 10%, you get **77.2708, 89.1736, 98.1638**, and if you desaturate by 10%, it is **93.4229, 97.3314, 106.5519**.

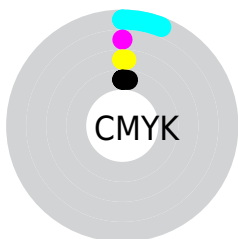
Distribution



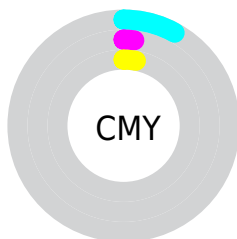
- Red (92%)
- Green (98%)
- Blue (97%)



- Red (92%)
- Yellow (96%)
- Blue (98%)



- Cyan (6%)
- Magenta (0%)
- Yellow (1%)
- Black (2%)



- Cyan (8%)
- Magenta (2%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 85.7014, 93.4338, 102.3245 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 85.7014, 93.4338, 102.3245 by changing the saturation by 10% instead.

85.7014, 93.4338,
102.3245

85.7014, 93.4338,
102.3245

502.3949,
539.1387, 588.9300

64.7455, 70.8321,
77.6156

140.2617,
152.0991, 166.4276

47.5187, 52.2052,
57.2437

174.5968,
188.9314, 206.6588

33.6556, 37.1687,
40.7902

214.1224,
231.2761, 252.9012

22.7907, 25.3381,
27.8368

259.2039,
279.5176, 305.5734

14.5589, 16.3291,
17.9647

310.2065,
334.0402, 365.0938

8.5947, 9.7574,
10.7554

367.4956,

4.5328, 5.2384,

395.2283, 431.8810

5.7905

431.4366,
463.4663, 506.3536

■ 2.0077, 2.3878,
2.6514

■ 0.6383, 0.8196,
0.9188

■ 85.7014, 93.4338,
102.3245

■ 85.7014, 93.4338,
102.3245

■ 77.2708, 89.1736,
98.1638

■ 93.4229, 97.3314,
106.5519

■ 69.9763, 85.4945,
94.1497

■ 93.7889, 97.4778,
108.4796

■ 63.7686, 82.3735,
90.2811

■ 58.5910, 79.7815,
86.5547

■ 54.3822, 77.6868,
82.9668

■ 51.0739, 76.0543,
79.5136

■ 48.5889, 74.8442,
76.1907

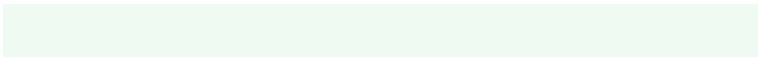
■ 46.8368, 74.0100,
72.9931

■ 45.7048, 73.4934,
69.9148

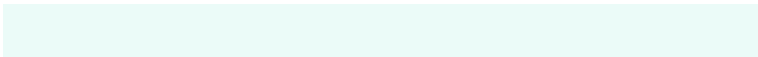
Harmonies

Analogous

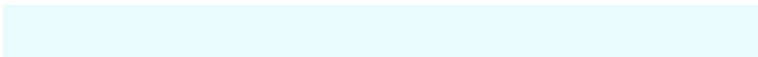
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



86.0122, 93.4338, 97.7977



85.7014, 93.4338, 102.3245



86.2140, 93.4338, 106.8255

Triad

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



85.7014, 93.4338, 102.3245



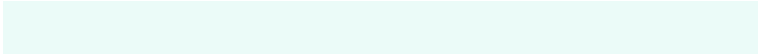
90.5667, 93.4338, 109.4160



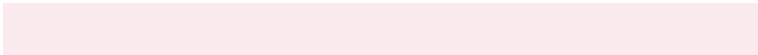
90.2057, 93.4338, 93.8593

Complementary

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



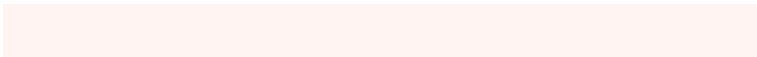
85.7014, 93.4338, 102.3245



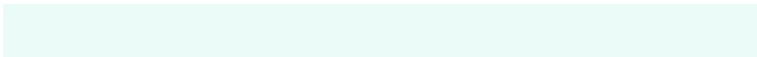
84.9280, 86.1014, 93.0364

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.



91.4495, 93.4338, 96.8059



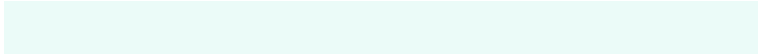
85.7014, 93.4338, 102.3245



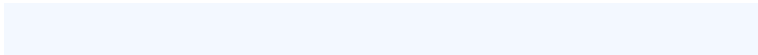
91.6597, 93.4338, 105.7736

Square

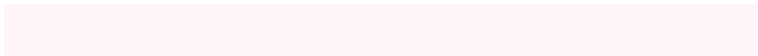
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



85.7014, 93.4338, 102.3245



89.0121, 93.4338, 110.9984



91.9847, 93.4338, 101.1448



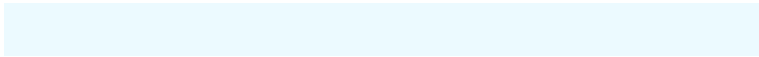
88.6002, 93.4338, 92.9991

Rectangle

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



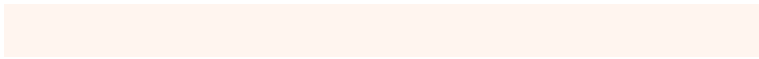
85.7014, 93.4338, 102.3245



86.9574, 93.4338, 109.1794



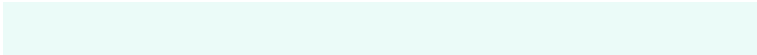
91.9847, 93.4338, 101.1448



90.6806, 93.4338, 94.6341

Sweetspot

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



85.7041, 93.4378, 102.3266



93.0448, 98.9840, 108.0037



84.8226, 93.2084, 92.1191



19.9364, 21.1973, 23.1267



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

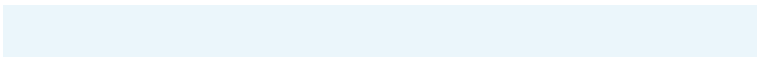
The Same Dimension uses a secret algorithm to generate beautiful new colors.



85.7041, 93.4378, 102.3266



87.3286, 96.0900, 105.3527



84.6931, 90.6639, 104.3075



17.6179, 19.5494, 21.4543



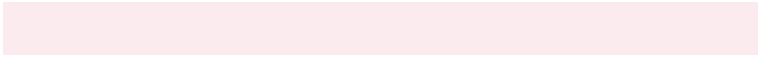
23.9062, 38.5755, 36.4449



2.2490, 3.5867, 3.5590

Inverse Universe

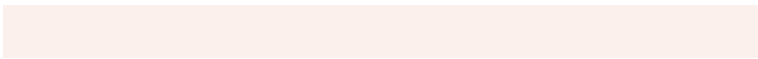
The Inverse Universe completely reimagines the original color for something new.



84.9280, 86.1014, 93.0364



86.3297, 86.6462, 93.3941



85.8835, 88.7128, 91.1955



17.3777, 17.2784, 18.5786



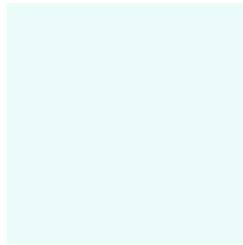
21.2215, 10.9043, 2.6091



2.0001, 1.0238, 0.4238

Previews

White Background



This preview shows how the XYZ color 85.7014, 93.4338, 102.3245 looks on a white background.

Color Contrast Check

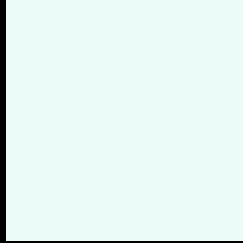
Large Text (above 18pt) WCAG AA × Fail

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 85.7014, 93.4338, 102.3245 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

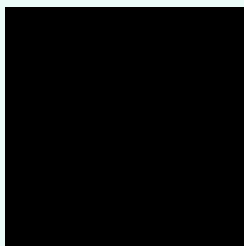
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

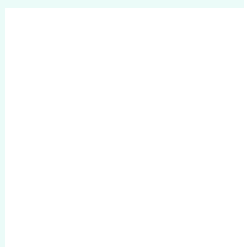
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 85.7014, 93.4338, 102.3245

Background



This preview shows how black text looks on a background with the XYZ color 85.7014, 93.4338, 102.3245.

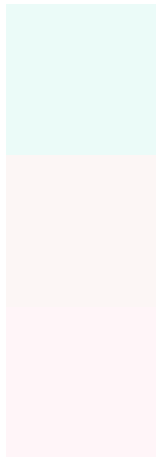


This preview shows how white text looks on a background with the XYZ color 85.7014, 93.4338,

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

85.7014, 93.4338, 102.3245

Protanopia

89.5821, 93.1996, 99.6540

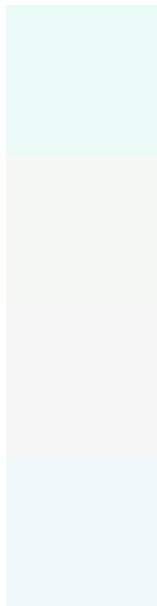
Deuteranopia

90.8357, 93.3421, 102.0362

Tritanopia

88.9256, 93.5879, 107.9851

Trichromacy



Original Color

85.7014, 93.4338, 102.3245

Protanomaly

88.2080, 93.3815, 100.5641

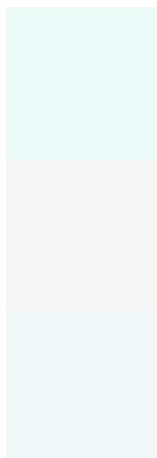
Deuteranomaly

88.9154, 93.2553, 102.1207

Tritanomaly

87.7220, 93.4804, 105.5155

Monochromacy



Original Color

85.7014, 93.4338, 102.3245

Achromatopsia

87.5964, 92.1582, 100.3603

Achromatomaly

86.9739, 92.7274, 101.3099

CSS Examples

Text

The CSS property to change the color of the text to XYZ 85.7014, 93.4338, 102.3245 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, 251, 248)` looks like.

```
.text, #text, p{  
    color:rgb(235, 251, 248)  
}
```

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, 251, 248) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 251, 248) }
```

Border

The CSS property to change the border of an element to XYZ 85.7014, 93.4338, 102.3245 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, 251, 248) }
```


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

```
.border{ border-color:rgb(235, 251, 248) }
```

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

Here you see how a box with a 4 pixel `rgb(235, 251, 248)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 251, 248); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 251, 248);  
box-shadow:4px 4px 4px 4px rgb(235, 251,  
248) }
```

Background

The CSS property to change the background color of an element to XYZ 85.7014, 93.4338, 102.3245 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 251, 248) }
```

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

```
.background{ background-color: rgb(235,  
251, 248) }
```

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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