

Converting Colors

XYZ(84.4994, 92.1438, 97.7582)

Have a look what the booklet for
XYZ(84.4994, 92.1438, 97.7582)
contains.

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Color

**XYZ(84.3143, 91.8846,
98.0857)**

Conversions

Conversions Part 1

Format	Color
Hex	EBF9F3
RGB	235, 249, 243
RGB Percent	92%, 98%, 95%
CMY	0.0784, 0.0235, 0.0471
CMYK	0.06, 0.00, 0.02, 0.02
HSL	154°, 54%, 95%
HSV	154°, 6%, 98%
XYZ	84.3143, 91.8846, 98.0857
YIQ	244.1300, -6.4180, -4.8340

Conversions

Conversions Part 2

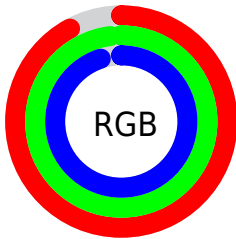
Format	Color
R _Y B	235, 244, 249
Decimal	15464947
CIE Lab	96.77, -5.67, 1.28
CIE LCh	97, 5.810, 167.285
Yxy	91.8846, 0.3074, 0.3350
Android (android.graphics.Color)	4293655027 (0xFFEBF9F3)
YUV	244.1300, -0.5571, -8.0070
Hunter-Lab	95.8565, -10.7421, 6.4307

Details

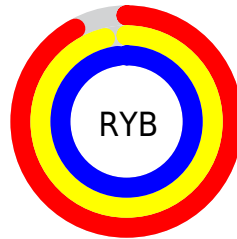
The XYZ color **84.3143, 91.8846, 98.0857** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **84.6558, 85.9097, 95.3439**, and the grayscale version is **86.1033, 90.5874, 98.6497**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **46.6300, 51.3115, 54.4602** is the 20% darker color. If you saturate the color by 10%, you get **75.0965, 87.3161, 89.4828**, and if you desaturate by 10%, it is **92.9552, 96.1500, 107.1548**.

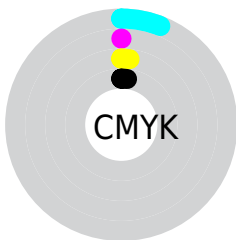
Distribution



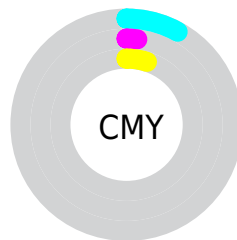
- Red (92%)
- Green (98%)
- Blue (95%)



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



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



- Cyan (8%)
- Magenta (2%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 84.3143, 91.8846, 98.0857 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 84.3143, 91.8846, 98.0857 by changing the saturation by 10% instead.

84.3143, 91.8846,
98.0857

84.3143, 91.8846,
98.0857

497.8743,
534.1425, 575.2318

63.5955, 69.5448,
74.0948

138.3337,
149.9534, 160.5529

46.5836, 51.1555,
54.3744

172.3651,
186.4513, 199.8662

32.9132, 36.3324,
38.5059

211.5648,
228.4372, 245.1242

22.2189, 24.6910,
26.0707

256.2980,
276.2956, 296.7453

14.1353, 15.8470,
16.6503

306.9302,
330.4110, 355.1481

8.2972, 9.4160,
9.8261

363.8268,

4.3391, 5.0135,

391.1677, 420.7511

5.1797

427.3530,
458.9500, 493.9728

■ 1.8957, 2.2552,
2.2925

■ 0.5743, 0.7498,
0.7270

■ 84.3143, 91.8846,
98.0857

■ 84.3143, 91.8846,
98.0857

■ 75.0965, 87.3161,
89.4828

■ 92.9552, 96.1500,
107.1548

■ 67.0715, 83.3493,
81.4150

■ 93.1674, 96.2349,
108.2725

■ 60.1894, 79.9613,
73.8734

■ 54.3939, 77.1231,
66.8466

■ 49.6233, 74.8032,
60.3230

■ 45.8098, 72.9669,
54.2900

■ 42.8767, 71.5747,
48.7346

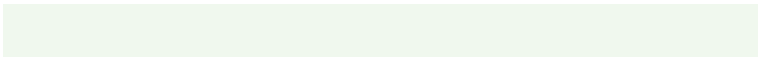
■ 40.7349, 70.5811,
43.6428

■ 39.2744, 69.9294,
38.9992

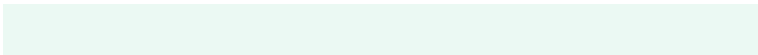
Harmonies

Analogous

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



85.0529, 91.8846, 94.0854



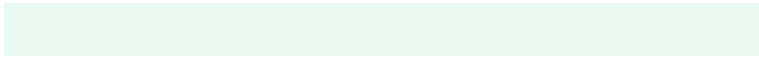
84.3143, 91.8846, 98.0857



84.3774, 91.8846, 102.7352

Triad

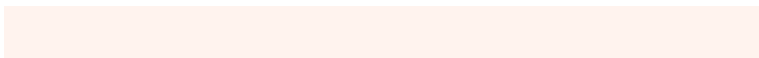
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



84.3143, 91.8846, 98.0857



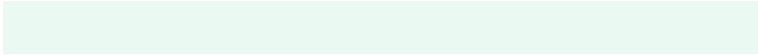
88.2673, 91.8846, 108.8568



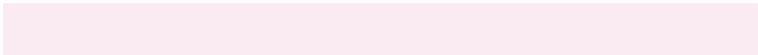
89.4751, 91.8846, 93.6009

Complementary

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



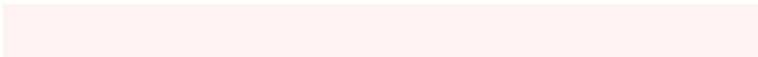
84.3143, 91.8846, 98.0857



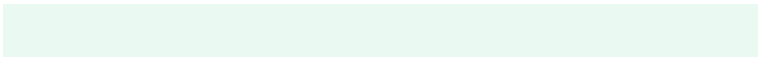
84.6558, 85.9097, 95.3439

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.



90.3579, 91.8846, 97.4055



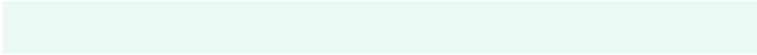
84.3143, 91.8846, 98.0857



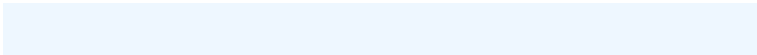
89.6547, 91.8846, 106.2546

Square

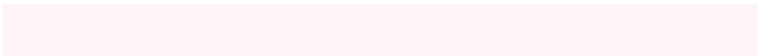
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



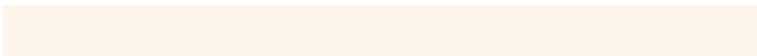
84.3143, 91.8846, 98.0857



86.6461, 91.8846, 109.0527



90.4240, 91.8846, 102.0337



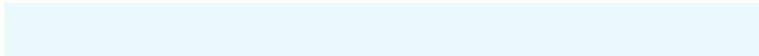
88.0246, 91.8846, 91.5507

Rectangle

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



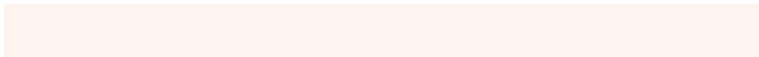
84.3143, 91.8846, 98.0857



84.8656, 91.8846, 105.5786



90.4240, 91.8846, 102.0337



89.8489, 91.8846, 94.7115

Sweetspot

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



84.3169, 91.8885, 98.0877



92.8484, 98.9055, 106.9698



85.1727, 92.4662, 91.9573



19.8965, 21.1813, 22.9163



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

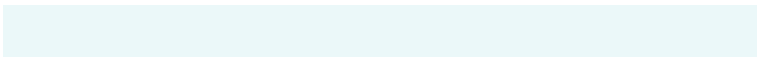
The Same Dimension uses a secret algorithm to generate beautiful new colors.



84.3169, 91.8885, 98.0877



87.5773, 96.2872, 102.2463



84.9509, 91.6815, 102.8461



17.8221, 19.6686, 20.8385



20.8292, 37.3447, 20.2417



1.9822, 3.4800, 2.1544

Inverse Universe

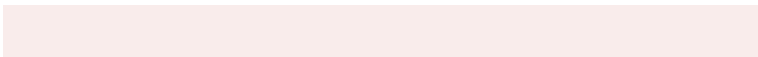
The Inverse Universe completely reimagines the original color for something new.



84.6558, 85.9097, 95.3439



88.0190, 88.4958, 98.6708



84.0414, 86.0927, 90.7867



17.9198, 17.9449, 20.0475



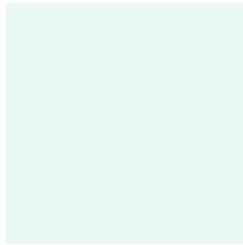
22.3934, 11.3731, 8.7801



2.1259, 1.0741, 1.0866

Previews

White Background



This preview shows how the XYZ color 84.3143, 91.8846, 98.0857 looks on a white background.

Color Contrast Check

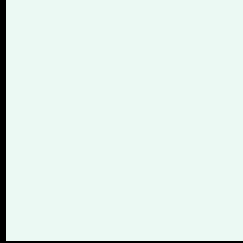
Large Text (above 18pt) WCAG AA × Fail

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 84.3143, 91.8846, 98.0857 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

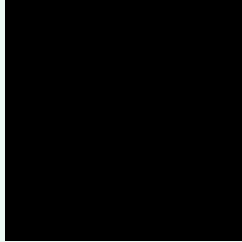
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

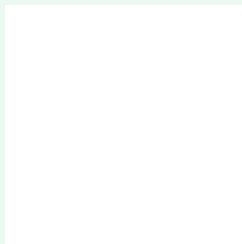
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 84.3143, 91.8846, 98.0857

Background



This preview shows how black text looks on a background with the XYZ color 84.3143, 91.8846, 98.0857.



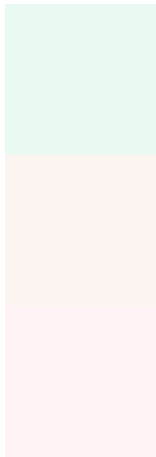
This preview shows how white text looks on a background with the XYZ color 84.3143, 91.8846,

98.0857.

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

84.3143, 91.8846, 98.0857

Protanopia

87.8625, 91.5019, 95.4689

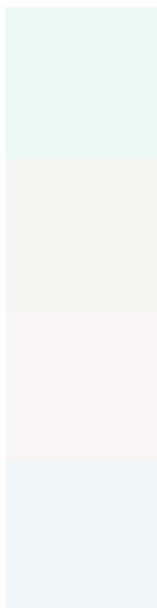
Deuteranopia

89.7720, 91.9538, 99.4036

Tritanopia

87.6237, 92.0088, 107.7489

Trichromacy



Original Color

84.3143, 91.8846, 98.0857

Protanomaly

86.4891, 91.6749, 96.3556

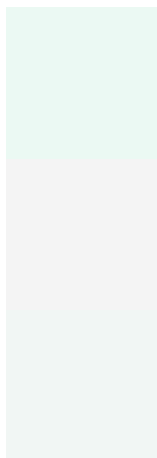
Deuteranomaly

87.6929, 91.7929, 98.6838

Tritanomaly

86.2700, 91.8373, 104.4462

Monochromacy



Original Color

84.3143, 91.8846, 98.0857

Achromatopsia

85.9880, 90.4661, 98.5176

Achromatomaly

85.5605, 91.1440, 98.6710

CSS Examples

Text

The CSS property to change the color of the text to XYZ 84.3143, 91.8846, 98.0857 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, 249, 243) looks like.

```
.text, #text, p{  
    color:rgb(235, 249, 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(235, 249, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 249, 243) }
```

Border

The CSS property to change the border of an element to XYZ 84.3143, 91.8846, 98.0857 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, 249, 243) }
```


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

```
.border{ border-color:rgb(235, 249, 243) }
```

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

Here you see how a box with a 4 pixel `rgb(235, 249, 243)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 249, 243); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 249, 243);  
box-shadow:4px 4px 4px 4px rgb(235, 249,  
243) }
```

Background

The CSS property to change the background color of an element to XYZ 84.3143, 91.8846, 98.0857 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 249, 243) }
```

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

```
.background{ background-color: rgb(235,  
249, 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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