

Converting Colors

XYZ(88.3894, 95.5408,
103.3592)

Have a look what the booklet for
XYZ(88.3894, 95.5408, 103.3592)
contains.

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Color

**XYZ(88.4998, 95.7909,
103.4476)**

Conversions

Conversions Part 1

Format	Color
Hex	F1FDF9
RGB	241, 253, 249
RGB Percent	95%, 99%, 98%
CMY	0.0549, 0.0078, 0.0235
CMYK	0.05, 0.00, 0.02, 0.01
HSL	160°, 75%, 97%
HSV	160°, 5%, 99%
XYZ	88.4998, 95.7909, 103.4476
YIQ	248.9560, -5.8680, -3.7880

Conversions

Conversions Part 2

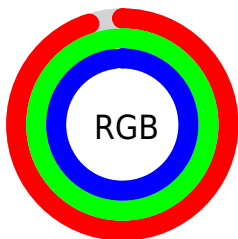
Format	Color
R _Y B	241, 248, 253
Decimal	15859193
CIE Lab	98.35, -4.64, 0.54
CIE LCh	98, 4.670, 173.378
Yxy	95.7909, 0.3076, 0.3329
Android (android.graphics.Color)	4294049273 (0xFFFF1FDF9)
YUV	248.9560, 0.0217, -6.9774
Hunter-Lab	97.8728, -9.8719, 5.8439

Details

The XYZ color 88.4998, 95.7909, 103.4476 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 88.4483, 90.3883, 99.1758, and the grayscale version is 90.0120, 94.6997, 103.1279.

A 20% lighter version of the original color is 95.0500, 100.0000, 108.9000, and 49.3732, 53.6444, 58.2042 is the 20% darker color. If you saturate the color by 10%, you get 79.1697, 91.1325, 96.2946, and if you desaturate by 10%, it is 94.4171, 98.7342, 108.6890.

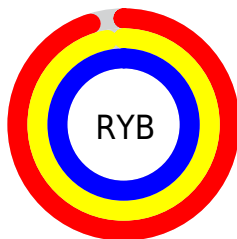
Distribution



Red (95%)

Green (99%)

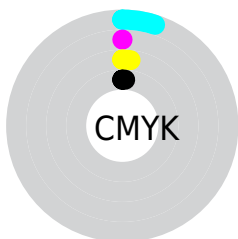
Blue (98%)



Red (95%)

Yellow (97%)

Blue (99%)

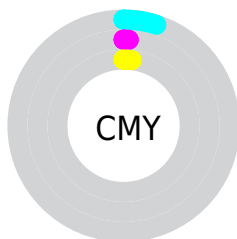


Cyan (5%)

Magenta (0%)

Yellow (2%)

Black (1%)



Cyan (5%)

Magenta (1%)

Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 88.4998, 95.7909, 103.4476 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 88.4998, 95.7909, 103.4476 by changing the saturation by 10% instead.

88.4998, 95.7909,
103.4476

88.4998, 95.7909,
103.4476

511.4495,
546.6939, 592.5312

67.0692, 72.7934,
78.5500

144.1418,
155.3568, 167.9800

49.4118, 53.8071,
58.0068

179.0839,
192.6940, 208.4519

35.1621, 38.4474,
41.3994

219.2605,
235.5799, 254.9523

23.9549, 26.3301,
28.3092

265.0371,
284.3990, 307.8998

15.4247, 17.0708,
18.3178

316.7789,
339.5355, 367.7129

9.2063, 10.2850,
11.0066

374.8513,

4.9341, 5.5883,

401.3739, 434.8101

5.9571

439.6198,
470.2985, 509.6100

■ 2.2430, 2.5964,
2.7506

■ 0.7653, 0.9249,
0.9688

■ 88.4998, 95.7909,
103.4476

■ 88.4998, 95.7909,
103.4476

■ 79.1697, 91.1325,
96.2946

94.4171, 98.7342,
108.6890

■ 71.0456, 87.0863,
89.5008

■ 64.0767, 83.6290,
83.0616

■ 58.2058, 80.7312,
76.9702

■ 53.3704, 78.3607,
71.2194

■ 49.5014, 76.4821,
65.8017

■ 46.5212, 75.0553,
60.7090

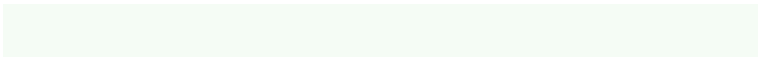
■ 44.3394, 74.0340,
55.9324

■ 42.8451, 73.3611,
51.4622

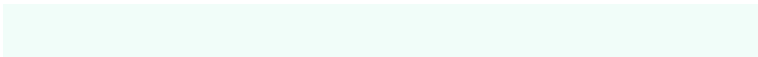
Harmonies

Analogous

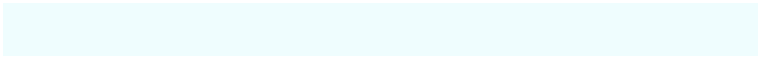
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



88.9851, 95.7909, 99.9408



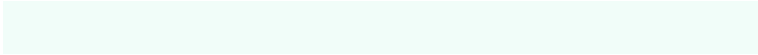
88.4998, 95.7909, 103.4476



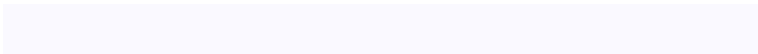
88.6915, 95.7909, 107.2686

Triad

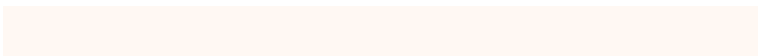
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



88.4998, 95.7909, 103.4476



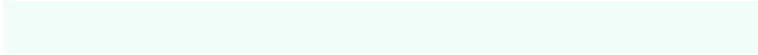
92.0771, 95.7909, 111.2523



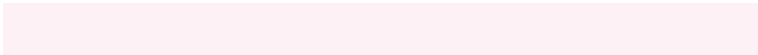
92.5989, 95.7909, 98.4638

Complementary

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



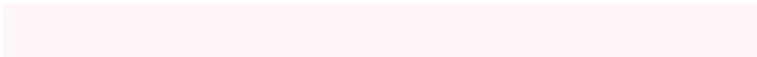
88.4998, 95.7909, 103.4476



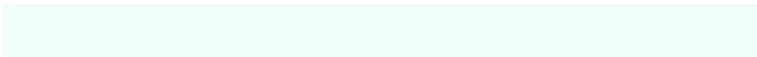
88.4483, 90.3883, 99.1758

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.



93.4426, 95.7909, 101.3866



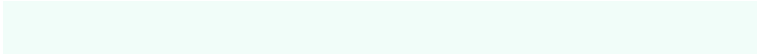
88.4998, 95.7909, 103.4476



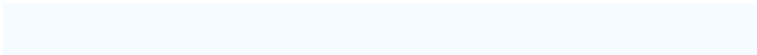
93.1393, 95.7909, 108.7841

Square

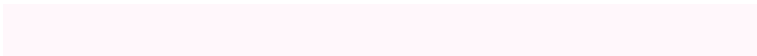
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



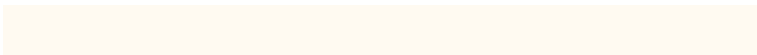
88.4998, 95.7909, 103.4476



90.7483, 95.7909, 111.8369



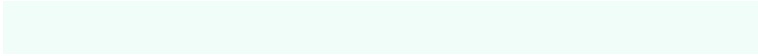
93.6413, 95.7909, 105.1571



91.3452, 95.7909, 97.1096

Rectangle

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



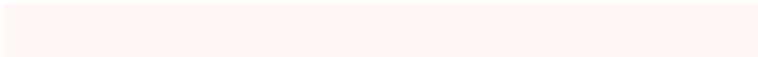
88.4998, 95.7909, 103.4476



89.1783, 95.7909, 109.4737



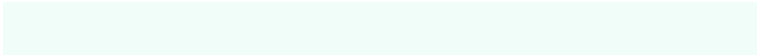
93.6413, 95.7909, 105.1571



92.9404, 95.7909, 99.2920

Sweetspot

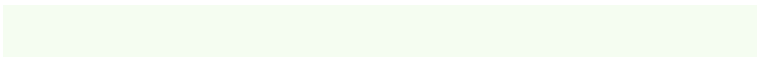
The Sweet Spot groups the original color and five complimentary colors.



88.5025, 95.7950, 103.4497



93.9814, 99.4649, 108.1367



88.7317, 96.0543, 97.0841



20.1272, 21.2952, 23.1538



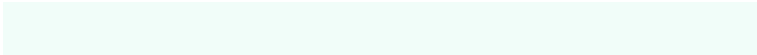
0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

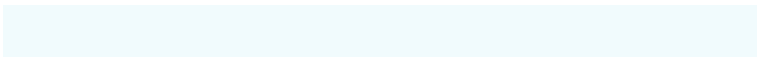
The Same Dimension uses a secret algorithm to generate beautiful new colors.



88.5025, 95.7950, 103.4497



88.8325, 96.8884, 104.3769



88.5681, 94.9159, 106.5859



18.8749, 20.6687, 22.2373



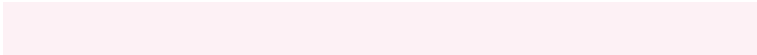
22.5460, 38.9150, 26.5584



2.2460, 3.8093, 2.8532

Inverse Universe

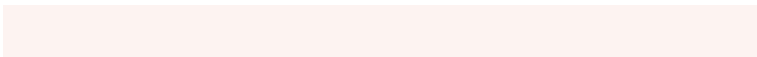
The Inverse Universe completely reimagines the original color for something new.



88.4483, 90.3883, 99.1758



88.7633, 89.9843, 98.9193



88.3791, 91.2177, 96.1692



18.8586, 19.0373, 20.9478



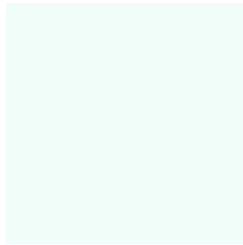
22.4683, 11.4766, 5.8506



2.2360, 1.1368, 0.8239

Previews

White Background



This preview shows how the XYZ color 88.4998, 95.7909, 103.4476 looks on a white background.

Color Contrast Check

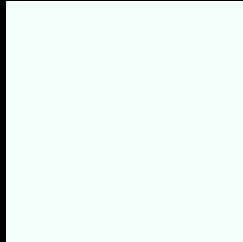
Large Text (above 18pt) WCAG AA × Fail

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 88.4998, 95.7909, 103.4476 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

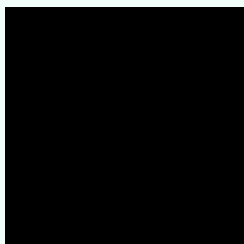
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

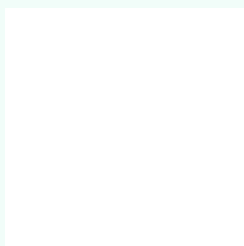
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 88.4998, 95.7909, 103.4476

Background



This preview shows how black text looks on a background with the XYZ color 88.4998, 95.7909, 103.4476.



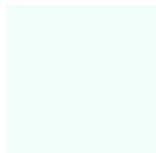
This preview shows how white text looks on a background with the XYZ color 88.4998, 95.7909,

103.476.

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

88.4998, 95.7909, 103.4476



Protanopia

91.9042, 95.7268, 101.6289

Deuteranopia

92.3710, 95.9135, 104.0872

Tritanopia

91.3025, 95.7310, 108.2735

Trichromacy



Original Color

88.4998, 95.7909, 103.4476

Protanomaly

90.5532, 95.4725, 102.4623

Deuteranomaly

90.8653, 95.5973, 104.1055

Tritanomaly

90.2328, 95.6790, 106.6406

Monochromacy



Original Color

88.4998, 95.7909, 103.4476

Achromatopsia

90.0415, 94.7307, 103.1617

Achromatomaly

89.2905, 94.8036, 103.2153

CSS Examples

Text

The CSS property to change the color of the text to XYZ 88.4998, 95.7909, 103.4476 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(241, 253, 249)` looks like.

```
.text, #text, p{  
    color:rgb(241, 253, 249)  
}
```

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(241, 253, 249) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 253, 249) }
```

Border

The CSS property to change the border of an element to XYZ 88.4998, 95.7909, 103.4476 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(241, 253, 249) }
```


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

```
.border{ border-color:rgb(241, 253, 249) }
```

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

Here you see how a box with a 4 pixel `rgb(241, 253, 249)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(241, 253, 249); -webkit-box-shadow:4px 4px 4px 4px rgb(241, 253, 249); box-shadow:4px 4px 4px 4px rgb(241, 253, 249) }
```

Background

The CSS property to change the background color of an element to XYZ 88.4998, 95.7909, 103.4476 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 253, 249) }
```

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

```
.background{ background-color: rgb(241,  
253, 249) }
```

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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