

Converting Colors

XYZ(88.1242, 95.1289,
103.5821)

Have a look what the booklet for
XYZ(88.1242, 95.1289, 103.5821)
contains.

XYZ(88.1849, 95.1611, 103.3426)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(88.1849, 95.1611,
103.3426)**

Conversions

Conversions Part 1

Format	Color
Hex	F1FCF9
RGB	241, 252, 249
RGB Percent	95%, 99%, 98%
CMY	0.0549, 0.0117, 0.0235
CMYK	0.04, 0.00, 0.01, 0.01
HSL	164°, 65%, 97%
HSV	164°, 4%, 99%
XYZ	88.1849, 95.1611, 103.3426
YIQ	248.3690, -5.5930, -3.2650

Conversions

Conversions Part 2

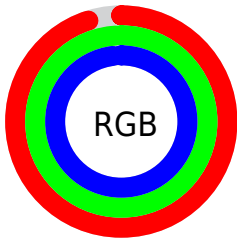
Format	Color
R _Y B	241, 247, 252
Decimal	15858937
CIE Lab	98.10, -4.14, 0.17
CIE LCh	98, 4.140, 177.618
Yxy	95.1611, 0.3076, 0.3319
Android (android.graphics.Color)	4294049017 (0xFF1FCF9)
YUV	248.3690, 0.3111, -6.4626
Hunter-Lab	97.5506, -9.3509, 5.4751

Details

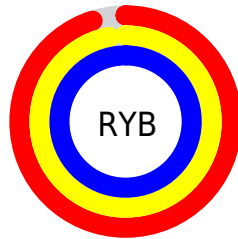
The XYZ color 88.1849, 95.1611, 103.3426 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 87.9328, 90.1402, 98.3568, and the grayscale version is 89.5281, 94.1905, 102.5735.

A 20% lighter version of the original color is 95.0500, 100.0000, 108.9000, and 49.1483, 53.1948, 58.1293 is the 20% darker color. If you saturate the color by 10%, you get 79.1178, 90.6112, 97.4204, and if you desaturate by 10%, it is 94.1022, 98.1044, 108.5841.

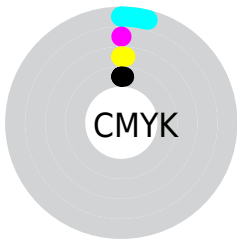
Distribution



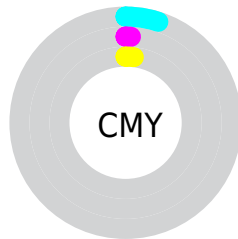
- Red (95%)
- Green (99%)
- Blue (98%)



- Red (95%)
- Yellow (97%)
- Blue (99%)



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





- Cyan (5%)
- Magenta (1%)
- Yellow (2%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 88.1849, 95.1611, 103.3426 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 88.1849, 95.1611, 103.3426 by changing the saturation by 10% instead.


 88.1849, 95.1611,
103.3426

 88.1849, 95.1611,
103.3426


510.4349,
544.6806, 592.1950

 66.8075, 72.2691,
78.4626


143.7058,
154.4871, 167.8349

 49.1983, 53.3785,
57.9354


178.5799,
191.6900, 208.2844

 34.9920, 38.1050,
41.3423


218.6838,
234.4318, 254.7608

 23.8232, 26.0642,
28.2650

264.3826,
283.0971, 307.6825

 15.3266, 16.8717,
18.2847

316.0417,
338.0702, 367.4683

 9.1367, 10.1430,
10.9830

374.0266,

 4.8883, 5.4939,

399.7356, 434.5366

5.9414

438.7025,
468.4776, 509.3060

■ 2.2159, 2.5399,
2.7413

■ 0.7511, 0.8965,
0.9641

■ 88.1849, 95.1611,
103.3426

■ 88.1849, 95.1611,
103.3426

■ 79.1178, 90.6112,
97.4204

■ 94.1022, 98.1044,
108.5841

■ 71.2282, 86.6613,
91.7544

■ 64.4667, 83.2883,
86.3419

■ 58.7768, 80.4635,
81.1780

■ 54.0972, 78.1551,
76.2578

■ 50.3603, 76.3285,
71.5755

■ 47.4900, 74.9443,
67.1255

■ 45.3977, 73.9570,
62.9010

■ 43.9752, 73.3109,
58.8946

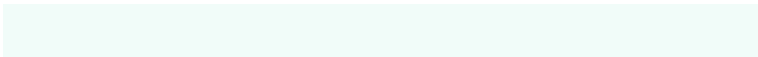
Harmonies

Analogous

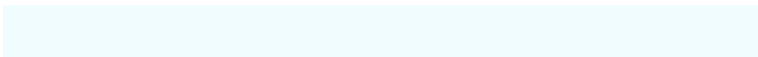
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



88.5326, 95.1611, 100.1504



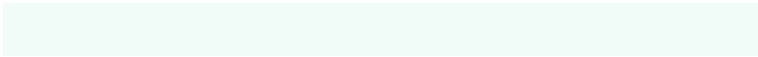
88.1849, 95.1611, 103.3426



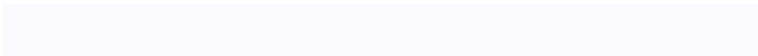
88.4391, 95.1611, 106.6762

Triad

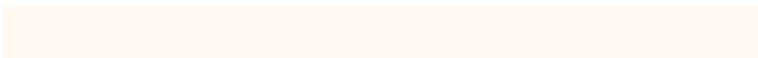
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



88.1849, 95.1611, 103.3426



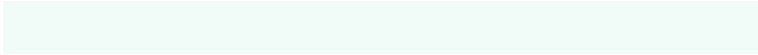
91.5107, 95.1611, 109.5189



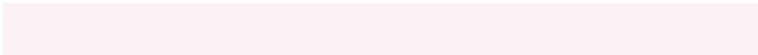
91.6765, 95.1611, 98.1879

Complementary

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



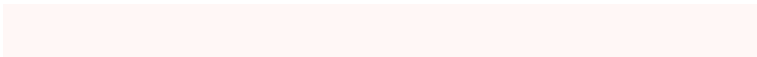
88.1849, 95.1611, 103.3426



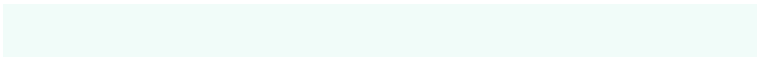
87.9328, 90.1402, 98.3568

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.



92.4866, 95.1611, 100.6115



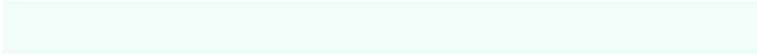
88.1849, 95.1611, 103.3426



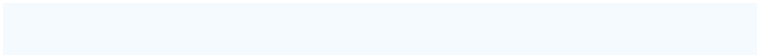
92.3903, 95.1611, 107.1571

Square

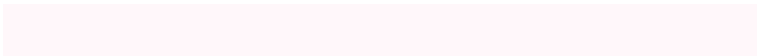
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



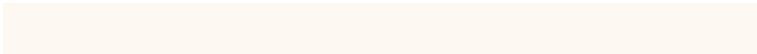
88.1849, 95.1611, 103.3426



90.3529, 95.1611, 110.2881



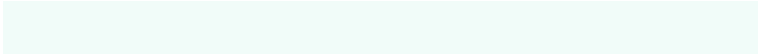
92.7490, 95.1611, 103.8864



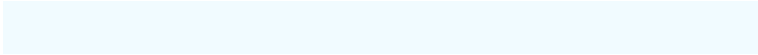
90.5427, 95.1611, 97.2152

Rectangle

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



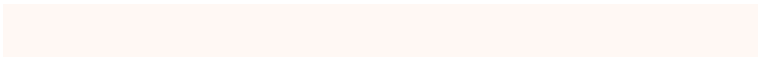
88.1849, 95.1611, 103.3426



88.9169, 95.1611, 108.5215



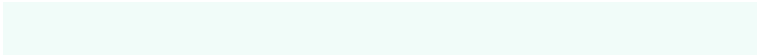
92.7490, 95.1611, 103.8864



91.9961, 95.1611, 98.8573

Sweetspot

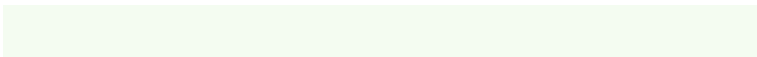
The Sweet Spot groups the original color and five complimentary colors.



88.1876, 95.1652, 103.3447



94.0062, 99.4748, 108.2672



88.0394, 95.2299, 96.9615



20.1322, 21.2972, 23.1803



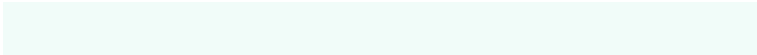
0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

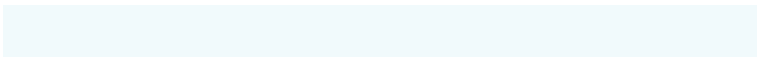
The Same Dimension uses a secret algorithm to generate beautiful new colors.



88.1876, 95.1652, 103.3447



89.9584, 97.4394, 105.7630



87.9160, 93.8660, 105.5845



18.2935, 19.8956, 21.5833



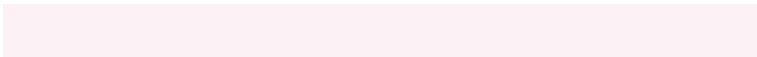
22.6619, 38.0778, 29.8924



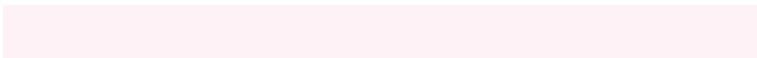
2.1434, 3.5445, 3.0029

Inverse Universe

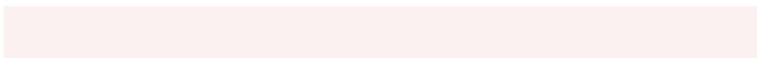
The Inverse Universe completely reimagines the original color for something new.



87.9328, 90.1402, 98.3568



89.6598, 91.5505, 99.9176



88.1906, 91.3800, 96.2104



18.2242, 18.5286, 20.2263



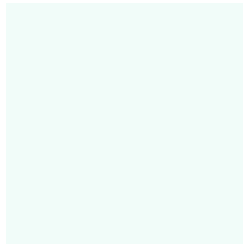
21.5208, 11.0241, 4.1852



2.0357, 1.0380, 0.6114

Previews

White Background



This preview shows how the XYZ color 88.1849, 95.1611, 103.3426 looks on a white background.

Color Contrast Check

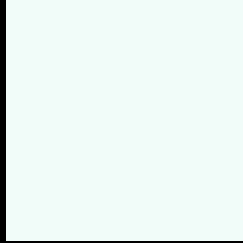
Large Text (above 18pt) WCAG AA × Fail

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 88.1849, 95.1611, 103.3426 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

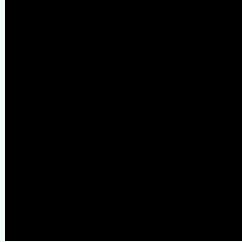
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

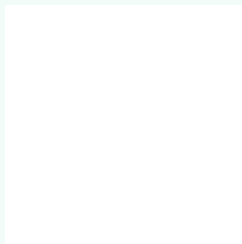
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 88.1849, 95.1611, 103.3426

Background



This preview shows how black text looks on a background with the XYZ color 88.1849, 95.1611, 103.3426.

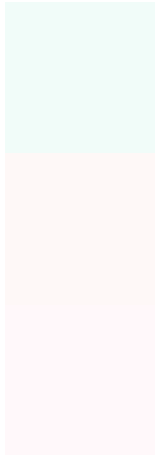


This preview shows how white text looks on a background with the XYZ color 88.1849, 95.1611,

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

88.1849, 95.1611, 103.3426

Protanopia

91.2290, 94.9210, 101.5090

Deuteranopia

92.0627, 95.2969, 103.9844

Tritanopia

90.6371, 94.9278, 108.1536

Trichromacy



Original Color

88.1849, 95.1611, 103.3426

Protanomaly

89.8859, 94.6684, 102.3423

Deuteranomaly

90.5553, 94.9775, 104.0022

Tritanomaly

89.5714, 94.8755, 106.5204

Monochromacy



Original Color

88.1849, 95.1611, 103.3426

Achromatopsia

89.2221, 93.8686, 102.2229

Achromatomaly

88.4751, 93.9412, 102.2763

CSS Examples

Text

The CSS property to change the color of the text to XYZ 88.1849, 95.1611, 103.3426 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, 252, 249) looks like.

```
.text, #text, p{  
    color:rgb(241, 252, 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, 252, 249) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 252, 249) }
```

Border

The CSS property to change the border of an element to XYZ 88.1849, 95.1611, 103.3426 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, 252, 249) }
```


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

```
.border{ border-color:rgb(241, 252, 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, 252, 249)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 252, 249); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 252, 249);  
box-shadow:4px 4px 4px 4px rgb(241, 252,  
249) }
```

Background

The CSS property to change the background color of an element to XYZ 88.1849, 95.1611, 103.3426 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 252, 249) }
```

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

```
.background{ background-color: rgb(241,  
252, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor