

Converting Colors

XYZ(89.3649, 95.7958,
102.3397)

Have a look what the booklet for
XYZ(89.3649, 95.7958, 102.3397)
contains.

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Color

**XYZ(89.4099, 95.8106,
102.5878)**

Conversions

Conversions Part 1

Format	Color
Hex	F5FCF8
RGB	245, 252, 248
RGB Percent	96%, 99%, 97%
CMY	0.0392, 0.0117, 0.0274
CMYK	0.03, 0.00, 0.02, 0.01
HSL	146°, 54%, 97%
HSV	146°, 3%, 99%
XYZ	89.4099, 95.8106, 102.5878
YIQ	249.4510, -2.8880, -2.7280

Conversions

Conversions Part 2

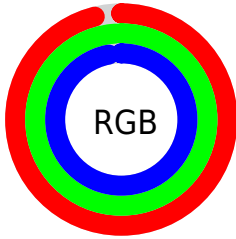
Format	Color
R_{YB}	245, 250, 252
Decimal	16121080
CIE _{Lab}	98.36, -3.00, 1.10
CIE _{LCh}	98, 3.199, 159.921
Yxy	95.8106, 0.3107, 0.3329
Android (android.graphics.Color)	4294311160 (0xFFFF5FCF8)
YUV	249.4510, -0.7153, -3.9035
Hunter-Lab	97.8829, -8.2465, 6.3781

Details

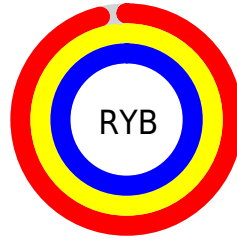
The XYZ color 89.4099, 95.8106, 102.5878 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 89.8998, 92.8424, 102.8095, and the grayscale version is 90.4233, 95.1324, 103.5992.

A 20% lighter version of the original color is 95.0500, 100.0000, 108.9000, and 50.0158, 53.6548, 57.5895 is the 20% darker color. If you saturate the color by 10%, you get 79.0605, 90.7264, 90.8822, and if you desaturate by 10%, it is 94.1022, 98.1045, 108.5841.

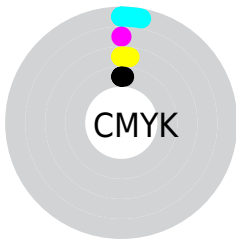
Distribution



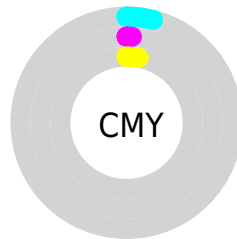
- Red (96%)
- Green (99%)
- Blue (97%)



- Red (96%)
- Yellow (98%)
- Blue (99%)



- Cyan (3%)
- Magenta (0%)
- Yellow (2%)
- Black (1%)




- Cyan (4%)
- Magenta (1%)
- Yellow (3%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 89.4099, 95.8106, 102.5878 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 89.4099, 95.8106, 102.5878 by changing the saturation by 10% instead.


 89.4099, 95.8106,
102.5878

 89.4099, 95.8106,
102.5878


514.3760,
546.7568, 589.7753

 67.8260, 72.8098,
77.8346


145.4010,
155.3840, 166.7917

 50.0293, 53.8205,
57.4225


180.5388,
192.7254, 207.0794

 35.6546, 38.4582,
40.9329


220.9254,
235.6158, 253.3825

 24.3364, 26.3385,
27.9473

266.9260,
284.4397, 306.1193

 15.7095, 17.0770,
18.0473

318.9060,
339.5813, 365.7084

 9.4083, 10.2894,
10.8141

377.2307,

 5.0677, 5.5913,

401.4251, 432.5684

5.8294

442.2656,
470.3554, 507.1179

■ 2.3222, 2.5982,
2.6745

■ 0.8060, 0.9258,
0.9306

■ 89.4099, 95.8106,
102.5878

■ 89.4099, 95.8106,
102.5878

■ 79.0605, 90.7264,
90.8822

■ 94.1022, 98.1045,
108.5841

■ 70.0258, 86.2978,
80.1142

■ 62.2535, 82.5010,
70.2626

■ 55.6840, 79.3059,
61.3029

■ 50.2531, 76.6797,
53.2097

■ 45.8903, 74.5866,
45.9562

■ 42.5166, 72.9865,
39.5142

■ 40.0414, 71.8332,
33.8537

■ 38.3557, 71.0711,
28.9424

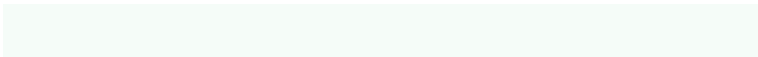
Harmonies

Analogous

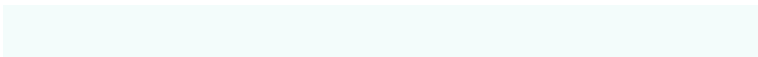
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



89.9320, 95.8106, 100.4752



89.4099, 95.8106, 102.5878



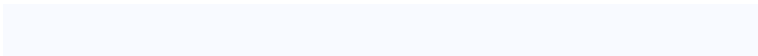
89.3297, 95.8106, 105.1988

Triad

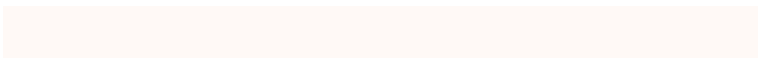
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



89.4099, 95.8106, 102.5878



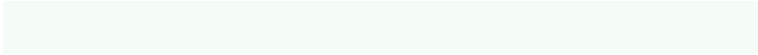
91.3709, 95.8106, 109.4039



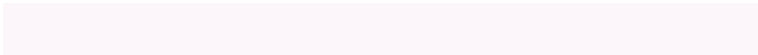
92.4317, 95.8106, 101.0965

Complementary

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



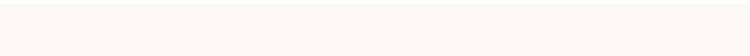
89.4099, 95.8106, 102.5878



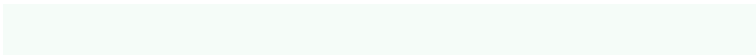
89.8998, 92.8424, 102.8095

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.



92.8229, 95.8106, 103.4490



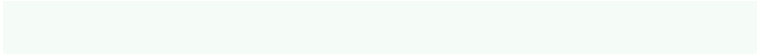
89.4099, 95.8106, 102.5878



92.2077, 95.8106, 108.2646

Square

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



89.4099, 95.8106, 102.5878



90.4577, 95.8106, 109.1639



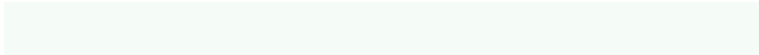
92.7406, 95.8106, 106.0745



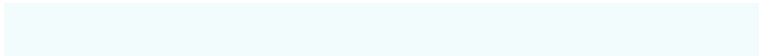
91.6752, 95.8106, 99.6244

Rectangle

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



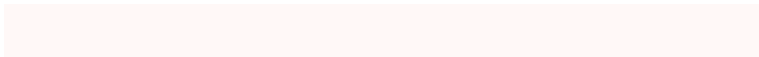
89.4099, 95.8106, 102.5878



89.5370, 95.8106, 106.8750



92.7406, 95.8106, 106.0745



92.6105, 95.8106, 101.8089

Sweetspot

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



89.4126, 95.8147, 102.5899



93.8842, 99.4260, 107.6249



90.3921, 96.3730, 100.2253



20.1074, 21.2873, 23.0496



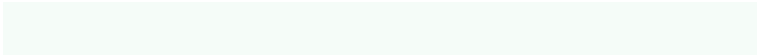
0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



89.4126, 95.8147, 102.5899



91.5951, 98.2994, 105.1046



89.9483, 96.0290, 105.4108



18.5850, 20.0517, 21.3333



19.6117, 36.8577, 13.8305



1.8683, 3.4344, 1.5542

Inverse Universe

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



89.8998, 92.8424, 102.8095



92.1348, 95.0065, 105.3479



89.3709, 92.6308, 100.0247



18.7241, 19.2029, 21.3960



23.6121, 11.8606, 15.1978



2.2400, 1.1197, 1.6872

Previews

White Background



This preview shows how the XYZ color 89.4099, 95.8106, 102.5878 looks on a white background.

Color Contrast Check

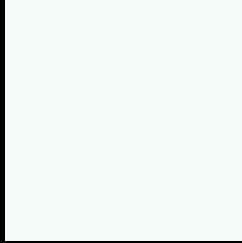
Large Text (above 18pt) WCAG AA × Fail

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 89.4099, 95.8106, 102.5878 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

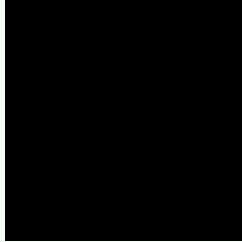
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 89.4099, 95.8106, 102.5878

Background



This preview shows how black text looks on a background with the XYZ color 89.4099, 95.8106, 102.5878.



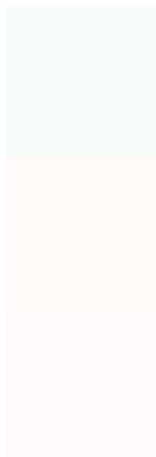
This preview shows how white text looks on a background with the XYZ color 89.4099, 95.8106,

102.5378.

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

89.4099, 95.8106, 102.5878

Protanopia

91.9042, 95.7268, 101.6289

Deuteranopia

92.3710, 95.9135, 104.0872

Tritanopia

91.6599, 95.9152, 108.2902

Trichromacy

Original Color

89.4099, 95.8106, 102.5878

Protanomaly

90.7578, 95.5958, 101.6641

Deuteranomaly

91.0682, 95.7200, 103.2985

Tritanomaly

90.7793, 95.9791, 105.8367

Monochromacy

Original Color

89.4099, 95.8106, 102.5878

Achromatopsia

90.0415, 94.7307, 103.1617

Achromatomaly

89.9959, 95.1672, 103.2484

CSS Examples

Text

The CSS property to change the color of the text to XYZ 89.4099, 95.8106, 102.5878 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(245, 252, 248) looks like.

```
.text, #text, p{  
    color:rgb(245, 252, 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(245, 252, 248) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 252, 248) }
```

Border

The CSS property to change the border of an element to XYZ 89.4099, 95.8106, 102.5878 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(245, 252, 248) }
```


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

```
.border{ border-color:rgb(245, 252, 248) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 252, 248)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 252, 248); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 252, 248);  
box-shadow:4px 4px 4px 4px rgb(245, 252,  
248) }
```

Background

The CSS property to change the background color of an element to XYZ 89.4099, 95.8106, 102.5878 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 252, 248) }
```

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

```
.background{ background-color: rgb(245,  
252, 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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