

Converting Colors

XYZ(89.8945, 96.8515,
117.1293)

Have a look what the booklet for
XYZ(89.8945, 96.8515, 117.1293)
contains.

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Color

**XYZ(88.0839, 95.9365,
108.4828)**

Conversions

Conversions Part 1

Format	Color
Hex	ECFEFF
RGB	236, 254, 255
RGB Percent	93%, 100%, 100%
CMY	0.0745, 0.0039, 0.0000
CMYK	0.07, 0.00, 0.00, 0.00
HSL	183°, 100%, 96%
HSV	183°, 7%, 100%
XYZ	88.0839, 95.9365, 108.4828
YIQ	248.7320, -11.0490, -3.5050

Conversions

Conversions Part 2

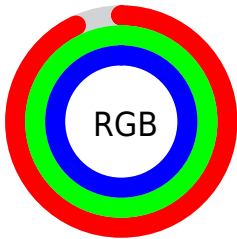
Format	Color
R _Y B	236, 245, 255
Decimal	15531775
CIE Lab	98.41, -5.65, -2.50
CIE LCh	98, 6.183, 203.862
Yxy	95.9365, 0.3011, 0.3280
Android (android.graphics.Color)	4293721855 (0xFFE0C0FF)
YUV	248.7320, 3.0901, -11.1660
Hunter-Lab	97.9472, -10.8825, 2.8955

Details

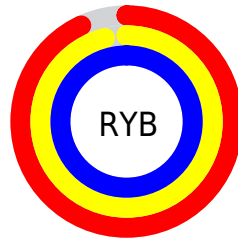
The XYZ color **88.0839, 95.9365, 108.4828** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **86.6638, 87.8825, 91.7538**, and the grayscale version is **89.8067, 94.4836, 102.8926**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **48.9817, 53.7130, 61.2121** is the 20% darker color. If you saturate the color by 10%, you get **79.7930, 91.0385, 107.9744**, and if you desaturate by 10%, it is **95.0500, 100.0000, 108.9000**.

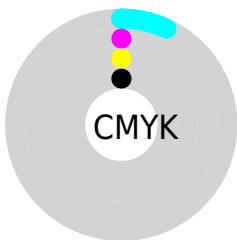
Distribution



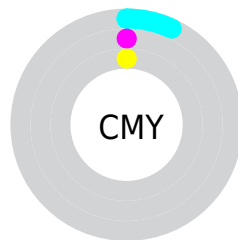
- Red (93%)
- Green (100%)
- Blue (100%)



- Red (93%)
- Yellow (96%)
- Blue (100%)



- Cyan (7%)
- Magenta (0%)
- Yellow (0%)
- Black (0%)




- Cyan (7%)
- Magenta (0%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 88.0839, 95.9365, 108.4828 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 88.0839, 95.9365, 108.4828 by changing the saturation by 10% instead.


 88.0839, 95.9365,
108.4828

 88.0839, 95.9365,
108.4828

510.1092,
547.1588, 608.5377

 66.7236, 72.9147,
82.7472


143.5659,
155.5578, 174.9198

 49.1299, 53.9062,
61.4423


178.4183,
192.9260, 216.4583

 34.9375, 38.5267,
44.1493

218.4987,
235.8452, 264.1015

 23.7810, 26.3917,
30.4499

264.1725,
284.6997, 318.2681

 15.2951, 17.1169,
19.9253

315.8052,
339.8739, 379.3764

 9.1144, 10.3179,
12.1573

373.7619,

 4.8736, 5.6102,

401.7522, 447.8451

6.7270

438.4082,
470.7190, 524.0927

■ 2.2073, 2.6096,
3.2161

■ 0.7466, 0.9315,
1.2060

■ 88.0839, 95.9365,
108.4828

■ 88.0839, 95.9365,
108.4828

■ 79.7930, 91.0385,
107.9744

95.0500, 100.0000,
108.9000

■ 72.6604, 86.7392,
107.5205

■ 66.6340, 83.0146,
107.1192

■ 61.6547, 79.8342,
106.7677

■ 57.6581, 77.1647,
106.4631

■ 54.5725, 74.9692,
106.2020

■ 52.3167, 73.2058,
105.9805

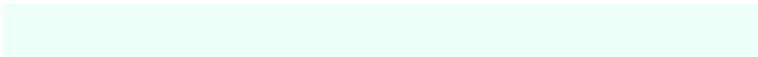
■ 50.7947, 71.8250,
105.7942

■ 49.8817, 70.7625,
105.6372

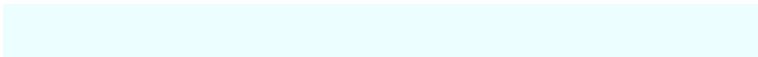
Harmonies

Analogous

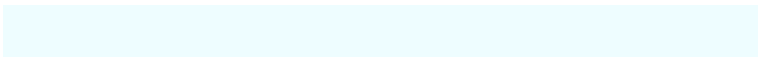
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



87.8169, 95.9365, 103.4117



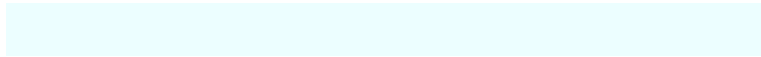
88.0839, 95.9365, 108.4828



89.1770, 95.9365, 112.5940

Triad

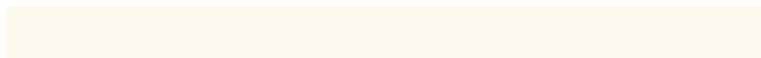
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



88.0839, 95.9365, 108.4828



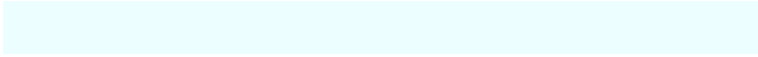
93.9829, 95.9365, 110.3592



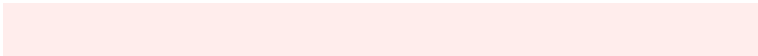
91.5520, 95.9365, 94.9932

Complementary

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



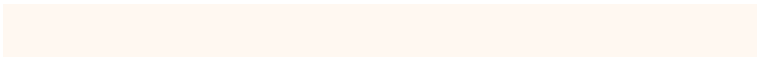
88.0839, 95.9365, 108.4828



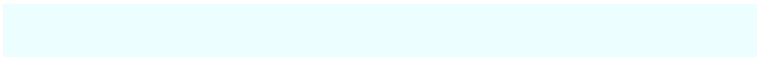
86.6638, 87.8825, 91.7538

Split Complementary

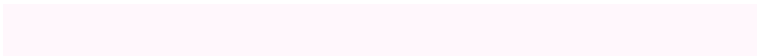
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



93.2225, 95.9365, 96.7247



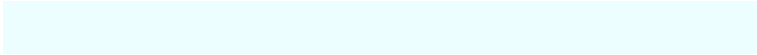
88.0839, 95.9365, 108.4828



94.6377, 95.9365, 105.5124

Square

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



88.0839, 95.9365, 108.4828



92.5793, 95.9365, 113.7018



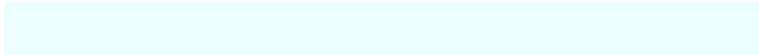
94.3576, 95.9365, 100.5351



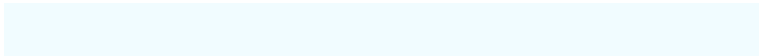
89.8043, 95.9365, 95.7303

Rectangle

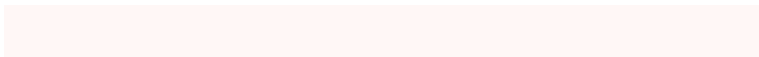
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



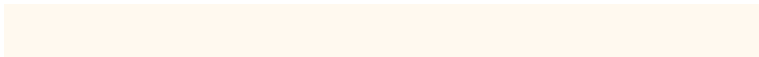
88.0839, 95.9365, 108.4828



90.2347, 95.9365, 114.1813



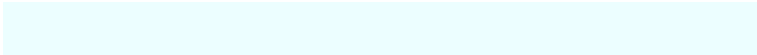
94.3576, 95.9365, 100.5351



92.1414, 95.9365, 95.3040

Sweetspot

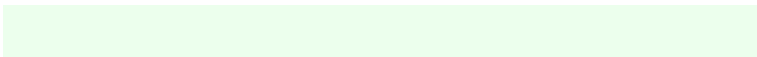
The Sweet Spot groups the original color and five complimentary colors.



88.0864, 95.9404, 108.4835



93.1134, 98.8753, 108.7850



85.6318, 95.4648, 93.9973



19.9504, 21.1752, 23.2857



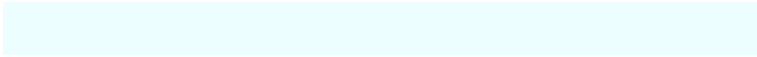
0.0000, 0.0000, 0.0000



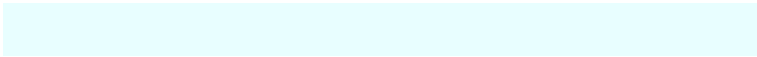
20.3446, 21.4041, 23.3091

Same Dimension

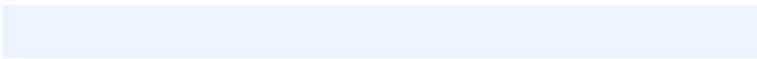
The Same Dimension uses a secret algorithm to generate beautiful new colors.



88.0864, 95.9404, 108.4835



86.7229, 95.1402, 108.4008



85.1595, 90.0868, 107.5078



18.4686, 20.3088, 23.1965



26.0042, 36.9181, 55.1899



2.5559, 3.6425, 5.3816

Inverse Universe

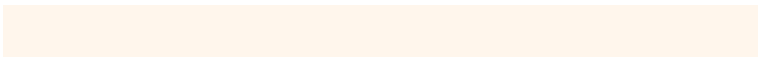
The Inverse Universe completely reimagines the original color for something new.



89.1264, 88.4082, 106.1377



87.9679, 86.1443, 105.5882



89.4737, 93.5024, 92.6905



18.7492, 18.2830, 22.5623



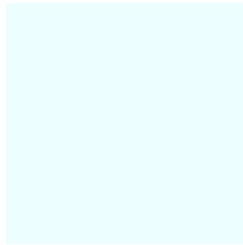
29.9139, 14.4549, 45.0588



2.9247, 1.4123, 4.4509

Previews

White Background



This preview shows how the XYZ color 88.0839, 95.9365, 108.4828 looks on a white background.

Color Contrast Check

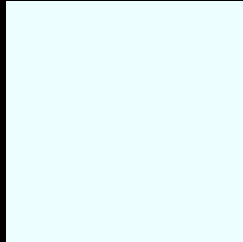
Large Text (above 18pt) WCAG AA × Fail

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 88.0839, 95.9365, 108.4828 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

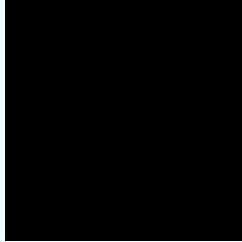
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 88.0839, 95.9365, 108.4828

Background



This preview shows how black text looks on a background with the XYZ color 88.0839, 95.9365, 108.4828.



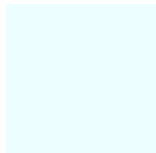
This preview shows how white text looks on a background with the XYZ color 88.0839, 95.9365,

108.4328.

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

88.0839, 95.9365, 108.4828

Protanopia

92.3194, 95.8505, 105.7307

Deuteranopia

92.6864, 96.0396, 105.7479

Tritanopia

90.9470, 95.5477, 108.2569

Trichromacy

A vertical bar on the left side of the Trichromacy section, divided into four horizontal segments of different shades of cyan and light blue. The top segment is the darkest, and the bottom segment is the lightest.

Original Color

88.0839, 95.9365, 108.4828

Protanomaly

90.5846, 95.8604, 106.6571

Deuteranomaly

90.9382, 96.0427, 106.6736

Tritanomaly

89.8554, 95.4475, 108.2951

Monochromacy

A vertical bar on the left side of the Monochromacy section, divided into three horizontal segments. The top segment is cyan, the middle segment is light beige, and the bottom segment is light cyan.

Original Color

88.0839, 95.9365, 108.4828

Achromatopsia

90.0415, 94.7307, 103.1617

Achromatomaly

89.2180, 95.1925, 104.9385

CSS Examples

Text

The CSS property to change the color of the text to XYZ 88.0839, 95.9365, 108.4828 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(236, 254, 255)` looks like.

```
.text, #text, p{  
    color:rgb(236, 254, 255)  
}
```

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(236, 254, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 254, 255) }
```

Border

The CSS property to change the border of an element to XYZ 88.0839, 95.9365, 108.4828 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(236, 254, 255) }
```


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

```
.border{ border-color:rgb(236, 254, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(236, 254, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(236, 254, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(236, 254, 255);  
box-shadow:4px 4px 4px 4px rgb(236, 254,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 88.0839, 95.9365, 108.4828 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 254, 255) }
```

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

```
.background{ background-color: rgb(236,  
254, 255) }
```

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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