

# Converting Colors

XYZ(88.3963, 94.2437,  
104.1101)

Have a look what the booklet for  
XYZ(88.3963, 94.2437, 104.1101)  
contains.

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# **Color**

**XYZ(88.4031, 94.3280,  
103.9903)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F3FAFA
RGB	243, 250, 250
RGB Percent	95%, 98%, 98%
CMY	0.0471, 0.0196, 0.0196
CMYK	0.03, 0.00, 0.00, 0.02
HSL	180°, 41%, 97%
HSV	180°, 3%, 98%
XYZ	88.4031, 94.3280, 103.9903
YIQ	247.9070, -4.1720, -1.4840

# Conversions

## Conversions Part 2

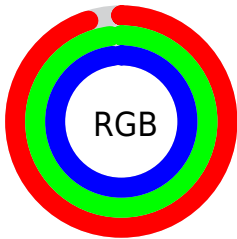
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	243, 247, 250
Decimal	15989498
CIE Lab	97.76, -2.29, -0.81
CIE LCh	98, 2.435, 199.518
Yxy	94.3280, 0.3083, 0.3290
Android (android.graphics.Color)	4294179578 (0xFF3FAFA)
YUV	247.9070, 1.0318, -4.3034
Hunter-Lab	97.1226, -7.4900, 4.5033

# Details

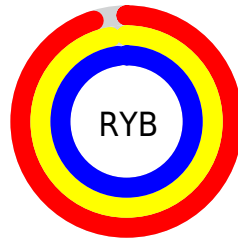
The XYZ color 88.4031, 94.3280, 103.9903 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 87.6561, 90.8988, 97.7239, and the grayscale version is 89.1438, 93.7862, 102.1331.

A 20% lighter version of the original color is 95.0500, 100.0000, 108.9000, and 49.5229, 53.0434, 58.6672 is the 20% darker color. If you saturate the color by 10%, you get 80.3546, 90.1818, 103.6041, and if you desaturate by 10%, it is 92.6852, 96.5379, 104.2041.

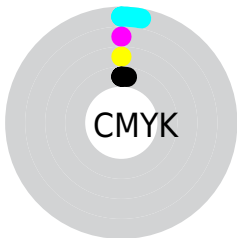
# Distribution



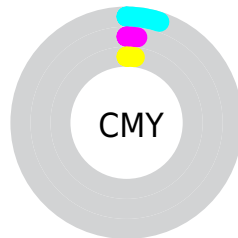
- Red (95%)
- Green (98%)
- Blue (98%)



- Red (95%)
- Yellow (97%)
- Blue (98%)



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



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

# Brightness & Saturation Gradients

These gradients show how the XYZ color 88.4031, 94.3280, 103.9903 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 88.4031, 94.3280, 103.9903 by changing the saturation by 10% instead.



88.4031, 94.3280,  
103.9903

88.4031, 94.3280,  
103.9903

511.1381,  
542.0114, 594.2672

66.9889, 71.5758,  
79.0018

144.0079,  
153.3359, 168.7296

49.3462, 52.8122,  
58.3759

178.9291,  
190.3604, 209.3174

35.1099, 37.6529,  
41.6943

219.0834,  
232.9110, 255.9421

23.9144, 25.7134,  
28.5382

264.8361,  
281.3723, 309.0222

15.3946, 16.6094,  
18.4892

316.5526,  
336.1286, 368.9762

9.1849, 9.9564,  
11.1287

374.5982,

4.9200, 5.3700,

397.5643, 436.2226

6.0382

439.3382,  
466.0638, 511.1801

■ 2.2347, 2.4660,  
2.7992

■ 0.7609, 0.8595,  
0.9930

■ 88.4031, 94.3280,  
103.9903

■ 88.4031, 94.3280,  
103.9903

■ 80.3546, 90.1818,  
103.6041

■ 92.6852, 96.5379,  
104.2041

■ 73.4311, 86.6128,  
103.2686


■ 92.6874, 96.5388,  
104.2157


■ 67.5849, 83.5992,  
102.9836


■ 92.6896, 96.5396,  
104.2272


■ 62.7618, 81.1131,  
102.7464


■ 92.6918, 96.5405,  
104.2388


 58.9031, 79.1241,  
102.5544


 92.6940, 96.5414,  
104.2504


 55.9439, 77.5988,  
102.4044


 92.6962, 96.5423,  
104.2619


 53.8114, 76.4997,  
102.2932

 92.6984, 96.5432,  
104.2735

 52.4216, 75.7835,  
102.2167

 92.7006, 96.5440,  
104.2851

 51.6726, 75.3977,  
102.1702

 92.7028, 96.5449,  
104.2967

# Harmonies

## Analogous

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



88.3492, 94.3280, 102.0129



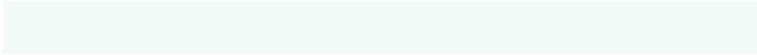
88.4031, 94.3280, 103.9903



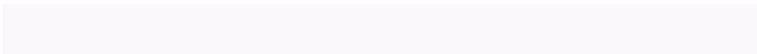
88.7917, 94.3280, 105.6438

# Triad

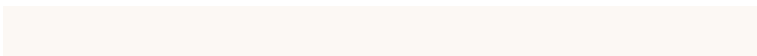
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



88.4031, 94.3280, 103.9903



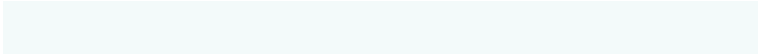
90.6755, 94.3280, 105.2102



89.8991, 94.3280, 98.9920

# Complementary

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



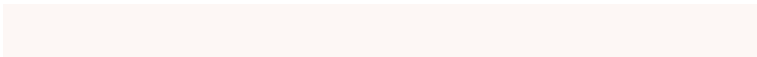
88.4031, 94.3280, 103.9903



87.6561, 90.8988, 97.7239

# Split Complementary

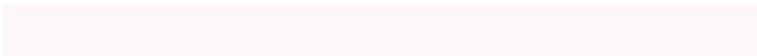
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



90.5257, 94.3280, 99.8255



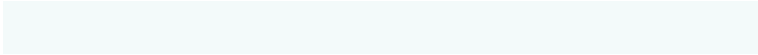
88.4031, 94.3280, 103.9903



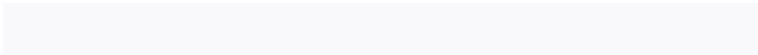
90.9755, 94.3280, 103.4045

# Square

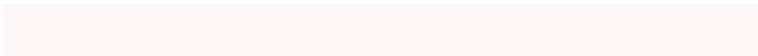
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



88.4031, 94.3280, 103.9903



90.1029, 94.3280, 106.3544



90.9205, 94.3280, 101.4346



89.2105, 94.3280, 99.1443



# Rectangle

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



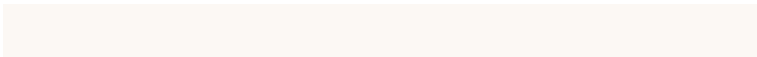
88.4031, 94.3280, 103.9903



89.1895, 94.3280, 106.3318



90.9205, 94.3280, 101.4346



90.1240, 94.3280, 99.1658

# Sweetspot

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



88.4058, 94.3320, 103.9924



94.1178, 99.5195, 108.8552



87.3684, 93.9217, 98.3194



20.1549, 21.3063, 23.3000



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.



88.4058, 94.3320, 103.9924



92.2906, 98.5776, 108.7673



87.3639, 92.2472, 103.6481



18.7647, 20.1235, 22.2796



27.2744, 39.9228, 54.1819

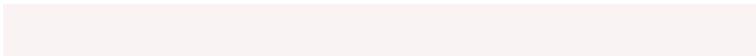


2.5262, 3.6976, 5.0189

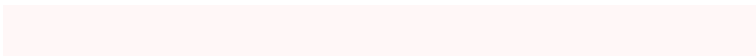


# Inverse Universe

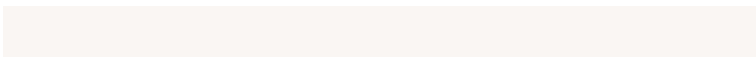
The Inverse Universe completely reimagines the original color for something new.



87.6561, 90.8988, 97.7239



91.4511, 94.7331, 101.7479



88.6780, 92.9435, 98.0616



18.5483, 19.1326, 20.4703



20.9125, 10.7807, 0.9817

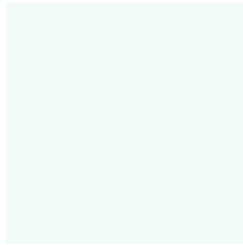


1.9370, 0.9985, 0.0916



# Previews

## White Background



This preview shows how the XYZ color 88.4031, 94.3280, 103.9903 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

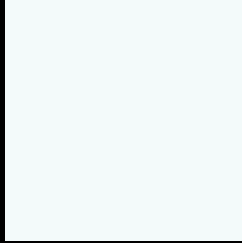
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the XYZ color 88.4031, 94.3280, 103.9903 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

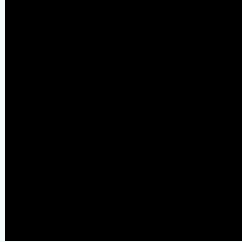
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# XYZ 88.4031, 94.3280, 103.9903

## Background



This preview shows how black text looks on a background with the XYZ color 88.4031, 94.3280, 103.9903.



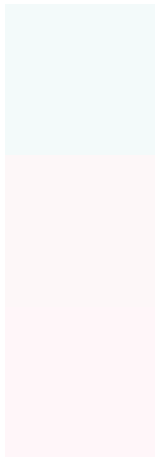
This preview shows how white text looks on a background with the XYZ color 88.4031, 94.3280, 103.9903.

103.903.

# 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

88.4031, 94.3280, 103.9903

### Protanopia

90.7121, 94.1815, 102.2047

### Deuteranopia

91.2947, 94.0111, 102.9567

## **Tritanopia**

90.3288, 94.3113, 108.0508

# Trichromacy



**Original Color**

88.4031, 94.3280, 103.9903

**Protanomaly**

89.7332, 94.1141, 103.0589

**Deuteranomaly**

90.1433, 93.8703, 102.9903

**Tritanomaly**

89.6113, 94.4360, 106.4335

# Monochromacy



**Original Color**

88.4031, 94.3280, 103.9903

**Achromatopsia**

89.2221, 93.8686, 102.2229

**Achromatomaly**

88.9806, 94.1837, 103.1120

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 88.4031, 94.3280, 103.9903 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(243, 250, 250)` looks like.

```
.text, #text, p{  
    color:rgb(243, 250, 250)  
}
```

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(243, 250, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 250, 250) }
```

## Border

The CSS property to change the border of an element to XYZ 88.4031, 94.3280, 103.9903 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(243, 250, 250) }
```



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

```
.border{ border-color:rgb(243, 250, 250) }
```

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

Here you see how a box with a 4 pixel `rgb(243, 250, 250)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 250, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 250, 250);  
box-shadow:4px 4px 4px 4px rgb(243, 250,  
250) }
```

# Background

The CSS property to change the background color of an element to XYZ 88.4031, 94.3280, 103.9903 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 250, 250) }
```

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

```
.background{ background-color: rgb(243,  
250, 250) }
```

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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