

# Converting Colors

XYZ(88.8381, 94.7928,  
103.3413)

Have a look what the booklet for  
XYZ(88.8381, 94.7928, 103.3413)  
contains.

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# Color

**XYZ(88.5927, 94.4439,  
103.1827)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F4FAF9
RGB	244, 250, 249
RGB Percent	96%, 98%, 98%
CMY	0.0431, 0.0196, 0.0235
CMYK	0.02, 0.00, 0.00, 0.02
HSL	170°, 38%, 97%
HSV	170°, 2%, 98%
XYZ	88.5927, 94.4439, 103.1827
YIQ	248.0920, -3.2550, -1.5830

# Conversions

## Conversions Part 2

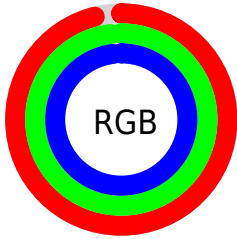
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	244, 247, 250
Decimal	16055033
CIE <sub>Lab</sub>	97.81, -2.15, -0.22
CIE <sub>LCh</sub>	98, 2.158, 185.903
Yxy	94.4439, 0.3095, 0.3300
Android (android.graphics.Color)	4294245113 (0xFFFF4FAF9)
<b>YUV</b>	248.0920, 0.4476, -3.5887
Hunter-Lab	97.1823, -7.3458, 5.0768

# Details

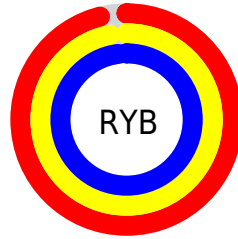
The XYZ color 88.5927, 94.4439, 103.1827 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 88.2599, 91.6203, 99.4235, and the grayscale version is 89.2990, 93.9496, 102.3111.

A 20% lighter version of the original color is 95.0500, 100.0000, 108.9000, and 49.6565, 53.1252, 58.0891 is the 20% darker color. If you saturate the color by 10%, you get 79.8552, 90.0167, 99.4089, and if you desaturate by 10%, it is 93.1862, 96.7384, 106.8422.

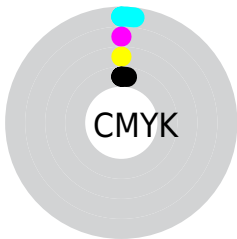
# Distribution



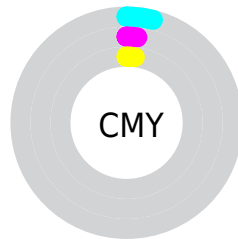
- Red (96%)
- Green (98%)
- Blue (98%)



- Red (96%)
- Yellow (97%)
- Blue (98%)



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



- Cyan (4%)
- Magenta (2%)
- Yellow (2%)

# Brightness & Saturation Gradients

These gradients show how the XYZ color 88.5927, 94.4439, 103.1827 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 88.5927, 94.4439, 103.1827 by changing the saturation by 10% instead.



88.5927, 94.4439,  
103.1827

88.5927, 94.4439,  
103.1827

511.7486,  
542.3832, 591.6828

67.1465, 71.6722,  
78.3295

144.2704,  
153.4961, 167.6140

49.4748, 52.8910,  
57.8267

179.2325,  
190.5454, 208.0292

35.2123, 37.7157,  
41.2555

219.4306,  
233.1227, 254.4689

23.9938, 25.7621,  
28.1976

265.2301,  
281.6125, 307.3516

15.4537, 16.6458,  
18.2343

316.9963,  
336.3990, 367.0957

9.2268, 9.9823,  
10.9472

375.0945,

4.9477, 5.3872,

397.8666, 434.1200

5.9176

439.8902,  
466.3999, 508.8428

■ 2.2511, 2.4762,  
2.7271

■ 0.7694, 0.8647,  
0.9570

■ 88.5927, 94.4439,  
103.1827

■ 88.5927, 94.4439,  
103.1827

■ 79.8552, 90.0167,  
99.4089

■ 93.1862, 96.7384,  
106.8422

■ 72.2591, 86.1736,  
95.7618

■ 93.4774, 96.8549,  
108.3758

■ 65.7566, 82.8927,  
92.2407

■ 60.2938, 80.1461,  
88.8426

■ 55.8120, 77.9035,  
85.5641

■ 52.2464, 76.1317,  
82.4019

■ 49.5246, 74.7932,  
79.3519

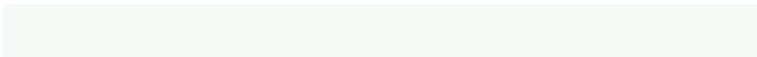
■ 47.5630, 73.8451,  
76.4098

■ 46.2605, 73.2351,  
73.5703

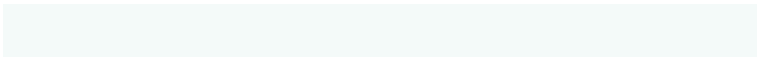
# Harmonies

## Analogous

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



88.6889, 94.4439, 101.4541



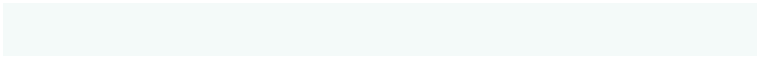
88.5927, 94.4439, 103.1827



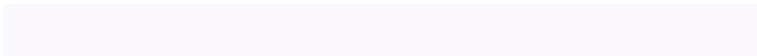
88.8098, 94.4439, 104.8360

# Triad

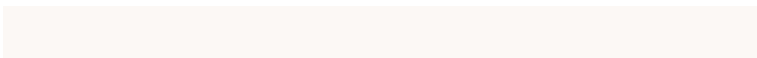
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



88.5927, 94.4439, 103.1827



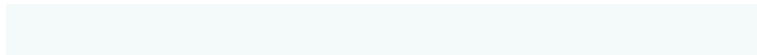
90.4627, 94.4439, 105.6065



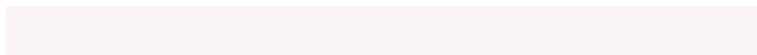
90.2507, 94.4439, 99.7668

# Complementary

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



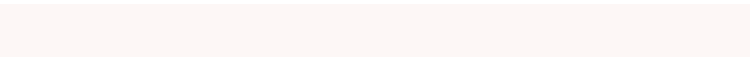
88.5927, 94.4439, 103.1827



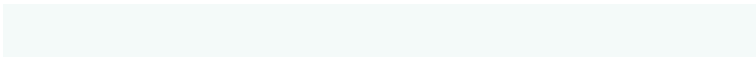
88.2599, 91.6203, 99.4235

# Split Complementary

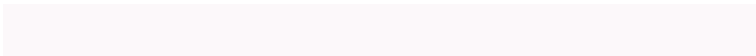
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



90.7292, 94.4439, 100.8563



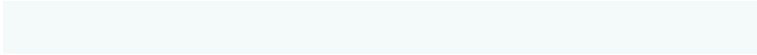
88.5927, 94.4439, 103.1827



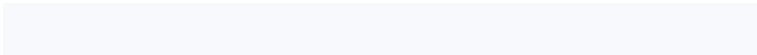
90.8520, 94.4439, 104.2250

# Square

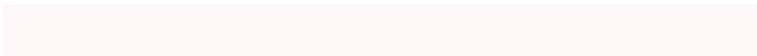
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



88.5927, 94.4439, 103.1827



89.8880, 94.4439, 106.2457



90.9498, 94.4439, 102.4848

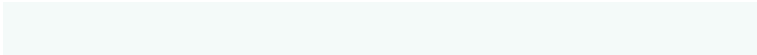


89.6443, 94.4439, 99.4949



# Rectangle

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



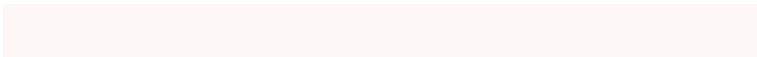
88.5927, 94.4439, 103.1827



89.1035, 94.4439, 105.6689



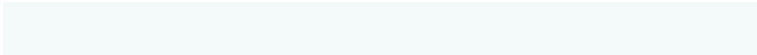
90.9498, 94.4439, 102.4848



90.4319, 94.4439, 100.0490

# Sweetspot

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



88.5954, 94.4479, 103.1848



94.0495, 99.4921, 108.4952



88.2087, 94.3375, 99.1491



20.1410, 21.3008, 23.2267



0.0000, 0.0000, 0.0000

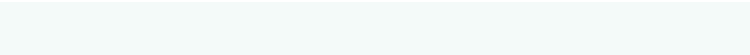


20.3446, 21.4041, 23.3091



# Same Dimension

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



88.5954, 94.4479, 103.1848



92.0860, 98.4957, 107.6896



88.1646, 93.3350, 103.8160



18.7117, 20.1023, 22.0006



24.2310, 38.7054, 38.1556



2.2762, 3.5976, 3.7023

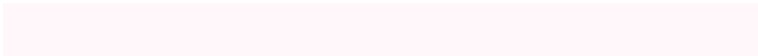


# Inverse Universe

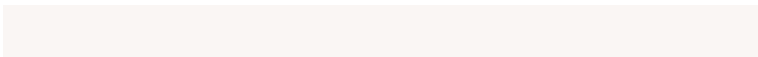
The Inverse Universe completely reimagines the original color for something new.



88.2599, 91.6203, 99.4235



91.6490, 94.8122, 102.7899



88.6821, 92.7093, 98.8099



18.5990, 19.1529, 20.7376



21.1667, 10.8824, 2.3201

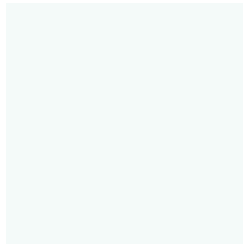


1.9929, 1.0209, 0.3859



# Previews

## White Background



This preview shows how the XYZ color 88.5927, 94.4439, 103.1827 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

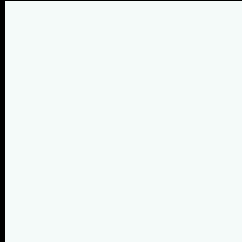
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the XYZ color 88.5927, 94.4439, 103.1827 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

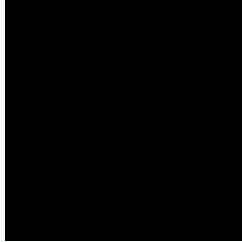
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

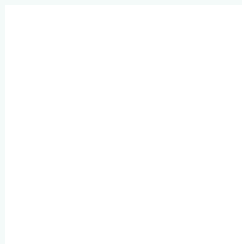
If you want to check with other color combinations, try the [Color Contrast Checker](#).

# XYZ 88.5927, 94.4439, 103.1827

## Background



This preview shows how black text looks on a background with the XYZ color 88.5927, 94.4439, 103.1827.



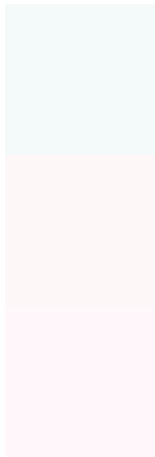
This preview shows how white text looks on a background with the XYZ color 88.5927, 94.4439,



# 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

88.5927, 94.4439, 103.1827

### Protanopia

90.5573, 94.1196, 101.3897

### Deuteranopia

91.5996, 94.6211, 103.0584

## **Tritanopia**

90.3288, 94.3113, 108.0508

# Trichromacy



**Original Color**

88.5927, 94.4439, 103.1827

**Protanomaly**

89.9350, 94.2361, 102.2562

**Deuteranomaly**

90.4499, 94.4836, 103.0925

**Tritanomaly**

89.9631, 94.6174, 106.4499

# Monochromacy



**Original Color**

88.5927, 94.4439, 103.1827

**Achromatopsia**

89.2221, 93.8686, 102.2229

**Achromatomaly**

89.1767, 94.3028, 102.3091

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 88.5927, 94.4439, 103.1827 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(244, 250, 249) looks like.

```
.text, #text, p{  
    color:rgb(244, 250, 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(244, 250, 249) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 250, 249) }
```

## Border

The CSS property to change the border of an element to XYZ 88.5927, 94.4439, 103.1827 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(244, 250, 249) }
```



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

```
.border{ border-color:rgb(244, 250, 249) }
```

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

Here you see how a box with a 4 pixel `rgb(244, 250, 249)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 250, 249); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 250, 249);  
box-shadow:4px 4px 4px 4px rgb(244, 250,  
249) }
```

# Background

The CSS property to change the background color of an element to XYZ 88.5927, 94.4439, 103.1827 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 250, 249) }
```

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

```
.background{ background-color: rgb(244,  
250, 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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