

# Converting Colors

XYZ(88.2264, 94.2691,  
101.1856)

Have a look what the booklet for  
XYZ(88.2264, 94.2691, 101.1856)  
contains.

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# Color

**XYZ(88.2823, 94.3197,  
101.5482)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F4FAF7
RGB	244, 250, 247
RGB Percent	96%, 98%, 97%
CMY	0.0431, 0.0196, 0.0314
CMYK	0.02, 0.00, 0.01, 0.02
HSL	150°, 38%, 97%
HSV	150°, 2%, 98%
XYZ	88.2823, 94.3197, 101.5482
YIQ	247.8640, -2.6130, -2.2050

# Conversions

## Conversions Part 2

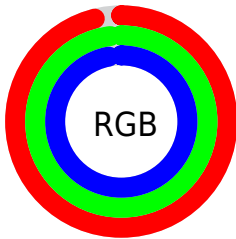
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	244, 248, 250
Decimal	16055031
CIE <sub>Lab</sub>	97.76, -2.50, 0.73
CIE <sub>LCh</sub>	98, 2.608, 163.638
Yxy	94.3197, 0.3107, 0.3319
Android (android.graphics.Color)	4294245111 (0xFFFF4FAF7)
YUV	247.8640, -0.4260, -3.3887
Hunter-Lab	97.1183, -7.6974, 5.9884

# Details

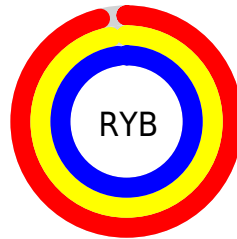
The XYZ color 88.2823, 94.3197, 101.5482 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 88.5670, 91.7431, 101.0405, and the grayscale version is 89.1192, 93.7604, 102.1051.

A 20% lighter version of the original color is 95.0500, 100.0000, 108.9000, and 49.4348, 53.0365, 56.9218 is the 20% darker color. If you saturate the color by 10%, you get 78.3234, 89.4040, 91.3424, and if you desaturate by 10%, it is 93.4774, 96.8549, 108.3758.

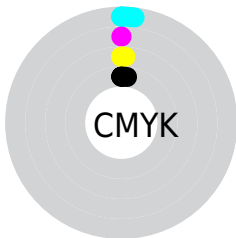
# Distribution



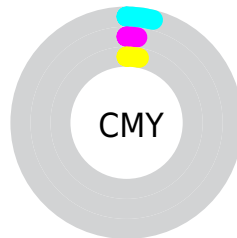
- Red (96%)
- Green (98%)
- Blue (97%)



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



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



- Cyan (4%)
- Magenta (2%)
- Yellow (3%)

# Brightness & Saturation Gradients

These gradients show how the XYZ color 88.2823, 94.3197, 101.5482 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 88.2823, 94.3197, 101.5482 by changing the saturation by 10% instead.



88.2823, 94.3197,  
101.5482

88.2823, 94.3197,  
101.5482

510.7488,  
541.9848, 586.4340

66.8885, 71.5689,  
76.9701

143.8406,  
153.3244, 165.3535

49.2643, 52.8066,  
56.7169

178.7358,  
190.3471, 205.4178

35.0446, 37.6484,  
40.3701

218.8622,  
232.8959, 251.4812

23.8639, 25.7099,  
27.5113

264.5851,  
281.3551, 303.9623

15.3569, 16.6067,  
17.7218

316.2698,  
336.1092, 363.2796

9.1582, 9.9545,  
10.5830

374.2818,

4.9024, 5.3688,

397.5426, 429.8516

5.6766

438.9863,  
466.0397, 504.0969

■ 2.2243, 2.4652,  
2.5838

■ 0.7555, 0.8592,  
0.8841

■ 88.2823, 94.3197,  
101.5482

■ 88.2823, 94.3197,  
101.5482

■ 78.3234, 89.4040,  
91.3424

■ 93.4774, 96.8549,  
108.3758

■ 69.6184, 85.1173,  
81.8563

■ 62.1172, 81.4369,  
73.0759

■ 55.7632, 78.3338,  
64.9845

■ 50.4949, 75.7767,  
57.5648

■ 46.2449, 73.7311,  
50.7987

■ 42.9379, 72.1585,  
44.6670

■ 40.4872, 71.0147,  
39.1494

■ 38.7886, 70.2464,  
34.2242

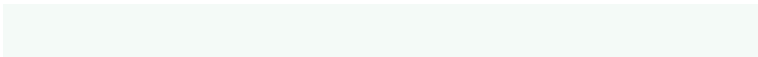
# Harmonies

## Analogous

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



88.6644, 94.3197, 99.7613



88.2823, 94.3197, 101.5482



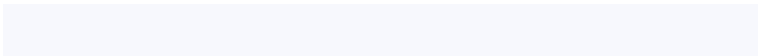
88.2649, 94.3197, 103.6673

# Triad

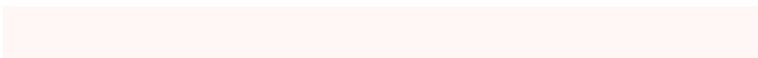
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



88.2823, 94.3197, 101.5482



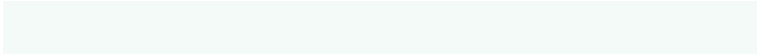
89.9858, 94.3197, 106.7316



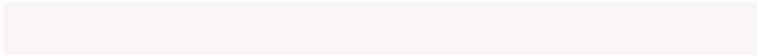
90.6874, 94.3197, 99.8964

# Complementary

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



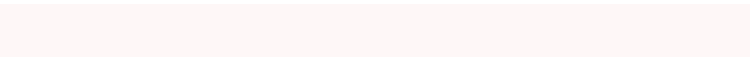
88.2823, 94.3197, 101.5482



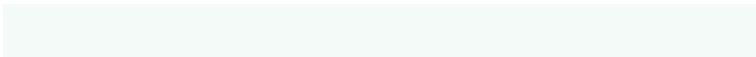
88.5670, 91.7431, 101.0405

# Split Complementary

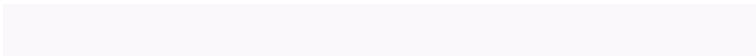
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



91.0456, 94.3197, 101.7350



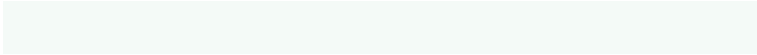
88.2823, 94.3197, 101.5482



90.6390, 94.3197, 105.6921

# Square

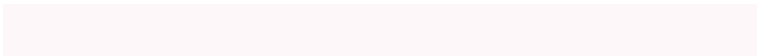
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



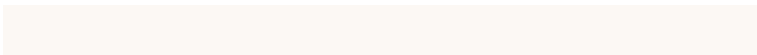
88.2823, 94.3197, 101.5482



89.2456, 94.3197, 106.6799



91.0278, 94.3197, 103.8567

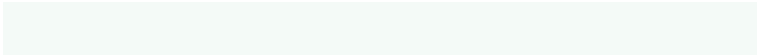


90.0517, 94.3197, 98.8166

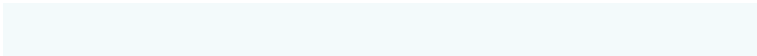


# Rectangle

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



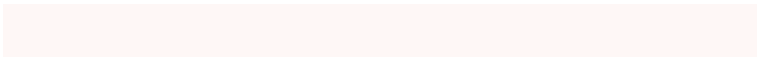
88.2823, 94.3197, 101.5482



88.4622, 94.3197, 104.9846



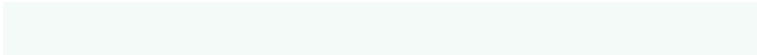
91.0278, 94.3197, 103.8567



90.8444, 94.3197, 100.4451

# Sweetspot

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



88.2850, 94.3237, 101.5503



93.9133, 99.4377, 107.7781



88.9112, 94.6996, 99.1819



20.1133, 21.2897, 23.0808



0.0000, 0.0000, 0.0000

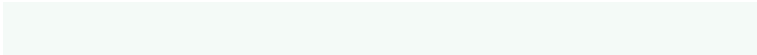


20.3446, 21.4041, 23.3091



# Same Dimension

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



88.2850, 94.3237, 101.5503



91.6811, 98.3338, 105.5576



88.7367, 94.5044, 103.9293



18.6071, 20.0605, 21.4500



20.1664, 37.0796, 16.7515

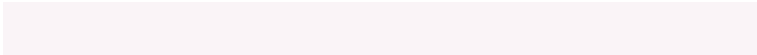


1.9213, 3.4556, 1.8332



# Inverse Universe

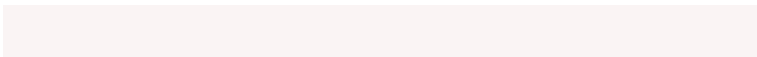
The Inverse Universe completely reimagines the original color for something new.



88.5670, 91.7431, 101.0405



92.0485, 94.9720, 104.8936



88.1222, 91.5652, 98.6982



18.7018, 19.1940, 21.2789



22.9509, 11.5961, 11.7157

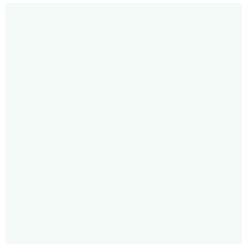


2.1792, 1.0954, 1.3668



# Previews

## White Background



This preview shows how the XYZ color 88.2823, 94.3197, 101.5482 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

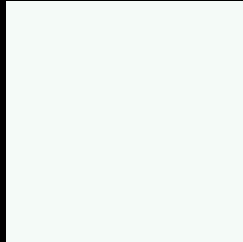
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the XYZ color 88.2823, 94.3197, 101.5482 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

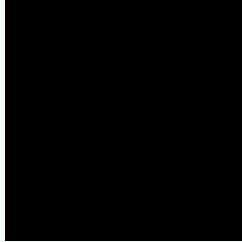
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

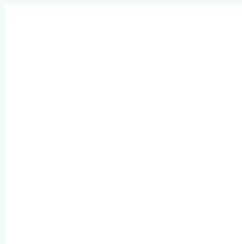
If you want to check with other color combinations, try the [Color Contrast Checker](#).

# XYZ 88.2823, 94.3197, 101.5482

## Background



This preview shows how black text looks on a background with the XYZ color 88.2823, 94.3197, 101.5482.



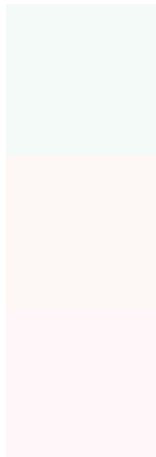
This preview shows how white text looks on a background with the XYZ color 88.2823, 94.3197,

101.5482.

# 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

88.2823, 94.3197, 101.5482

### Protanopia

90.2502, 93.9967, 99.7727

### Deuteranopia

91.2947, 94.0111, 102.9567

## **Tritanopia**

90.3288, 94.3113, 108.0508

# Trichromacy



**Original Color**

88.2823, 94.3197, 101.5482

**Protanomaly**

89.6263, 94.1126, 100.6305

**Deuteranomaly**

89.9877, 93.8081, 102.1708

**Tritanomaly**

89.8041, 94.5538, 105.6130

# Monochromacy



**Original Color**

88.2823, 94.3197, 101.5482

**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 88.2823, 94.3197, 101.5482 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, 247) looks like.

```
.text, #text, p{  
    color:rgb(244, 250, 247)  
}
```

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, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 250, 247) }
```

## Border

The CSS property to change the border of an element to XYZ 88.2823, 94.3197, 101.5482 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, 247) }
```



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

```
.border{ border-color:rgb(244, 250, 247) }
```

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, 247)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 250, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 250, 247);  
box-shadow:4px 4px 4px 4px rgb(244, 250,  
247) }
```

# Background

The CSS property to change the background color of an element to XYZ 88.2823, 94.3197, 101.5482 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, 247) }
```

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

```
.background{ background-color: rgb(244,  
250, 247) }
```

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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