

# Converting Colors

XYZ(88.1851, 93.9576,  
107.6635)

Have a look what the booklet for  
XYZ(88.1851, 93.9576, 107.6635)  
contains.

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# **Color**

**XYZ(88.3506, 94.2277,  
107.2971)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F1FAFE
RGB	241, 250, 254
RGB Percent	95%, 98%, 100%
CMY	0.0549, 0.0196, 0.0039
CMYK	0.05, 0.02, 0.00, 0.00
HSL	198°, 87%, 97%
HSV	198°, 5%, 100%
XYZ	88.3506, 94.2277, 107.2971
YIQ	247.7650, -6.6480, -0.6640

# Conversions

## Conversions Part 2

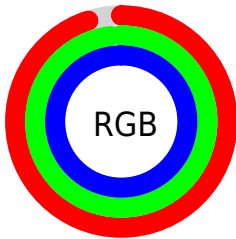
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	241, 246, 254
Decimal	15858430
CIE Lab	97.72, -2.22, -2.95
CIE LCh	98, 3.690, 233.057
Yxy	94.2277, 0.3048, 0.3251
Android (android.graphics.Color)	4294048510 (0xFFFF1FAFE)
YUV	247.7650, 3.0739, -5.9329
Hunter-Lab	97.0710, -7.4097, 2.4136

# Details

The XYZ color 88.3506, 94.2277, 107.2971 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 89.4029, 92.7257, 96.4064, and the grayscale version is 89.0131, 93.6487, 101.9834.

A 20% lighter version of the original color is 95.0500, 100.0000, 108.9000, and 49.3774, 52.9291, 60.4372 is the 20% darker color. If you saturate the color by 10%, you get 77.9021, 85.3163, 106.1292, and if you desaturate by 10%, it is 94.8897, 99.9359, 108.0557.

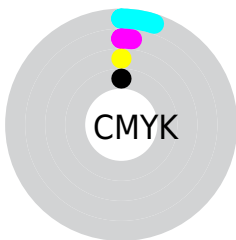
# Distribution



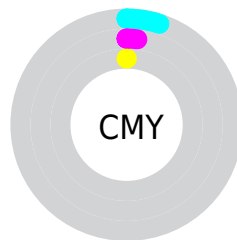
- Red (95%)
- Green (98%)
- Blue (100%)



- Red (95%)
- Yellow (96%)
- Blue (100%)



- Cyan (5%)
- Magenta (2%)
- Yellow (0%)
- Black (0%)



- Cyan (5%)
- Magenta (2%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the XYZ color 88.3506, 94.2277, 107.2971 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 88.3506, 94.2277, 107.2971 by changing the saturation by 10% instead.



88.3506, 94.2277,  
107.2971

88.3506, 94.2277,  
107.2971

510.9689,  
541.6896, 604.7884

66.9452, 71.4924,  
81.7577

143.9352,  
153.1972, 173.2885

49.3106, 52.7441,  
60.6312

178.8451,  
190.2002, 214.5776

35.0815, 37.5985,  
43.4990

218.9873,  
232.7278, 261.9538

23.8925, 25.6712,  
29.9425

264.7270,  
281.1645, 315.8354

15.3782, 16.5779,  
19.5433

316.4297,  
335.8946, 376.6412

9.1733, 9.9340,  
11.8827

374.4607,

4.9124, 5.3552,

397.3025, 444.7896

6.5423

439.1853,  
465.7727, 520.6991

■ 2.2302, 2.4571,  
3.1035

■ 0.7586, 0.8551,  
1.1477

■ 88.3506, 94.2277,  
107.2971

■ 88.3506, 94.2277,  
107.2971

■ 77.9021, 85.3163,  
106.1292

94.8897, 99.9359,  
108.0557

■ 68.7092, 77.1970,  
105.0465

■ 60.7204, 69.8438,  
104.0483

■ 53.8770, 63.2249,  
103.1314

■ 48.1152, 57.3053,  
102.2924

■ 43.3648, 52.0470,  
101.5279

■ 39.5463, 47.4070,  
100.8335

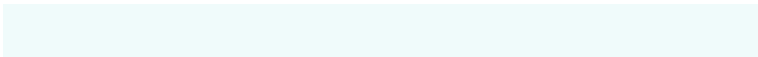
■ 36.5674, 43.3357,  
100.2047

■ 34.3148, 39.7727,  
99.6357

# Harmonies

## Analogous

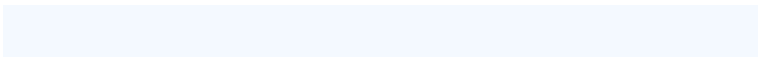
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



87.7126, 94.2277, 104.8832



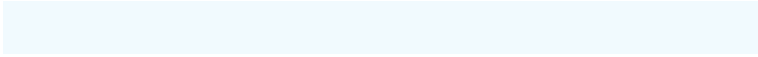
88.3506, 94.2277, 107.2971



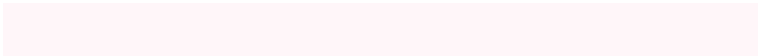
89.3164, 94.2277, 108.4555

# Triad

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



88.3506, 94.2277, 107.2971



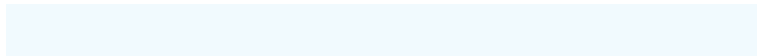
91.5832, 94.2277, 103.2997



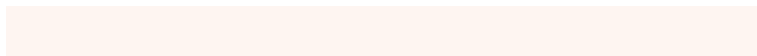
88.7709, 94.2277, 97.3604

# Complementary

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



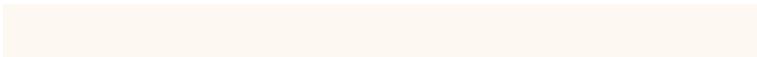
88.3506, 94.2277, 107.2971



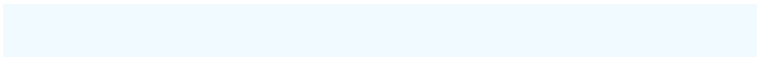
89.4029, 92.7257, 96.4064

# Split Complementary

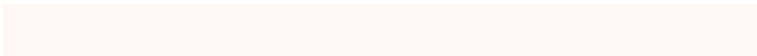
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



89.8053, 94.2277, 96.9551



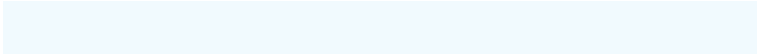
88.3506, 94.2277, 107.2971



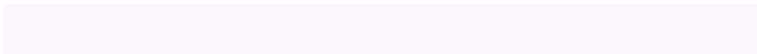
91.4344, 94.2277, 100.3462

# Square

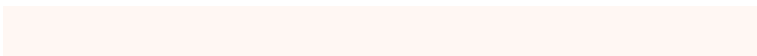
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



88.3506, 94.2277, 107.2971



91.1867, 94.2277, 106.1185



90.7816, 94.2277, 98.0380

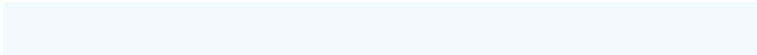


87.9539, 94.2277, 99.1561



# Rectangle

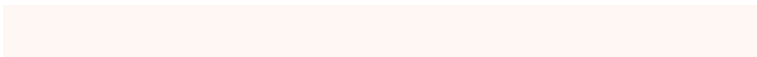
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



88.3506, 94.2277, 107.2971



90.0183, 94.2277, 108.3443



90.7816, 94.2277, 98.0380



89.1045, 94.2277, 97.0585

# Sweetspot

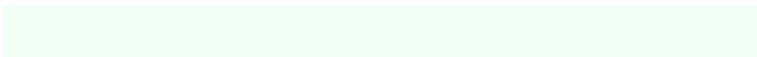
The Sweet Spot groups the original color and five complimentary colors.



88.3533, 94.2317, 107.2992



92.7004, 98.0494, 108.6473



88.1851, 96.1724, 100.2229



19.8664, 21.0071, 23.2577



0.0000, 0.0000, 0.0000

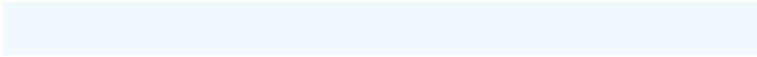


20.3446, 21.4041, 23.3091

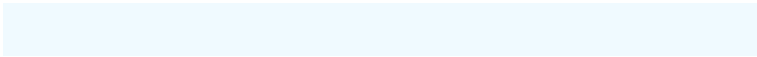


# Same Dimension

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



88.3533, 94.2317, 107.2992



88.1614, 94.2487, 108.1530



86.3969, 90.3190, 106.6471



18.7158, 20.0430, 23.1322



17.7455, 20.4005, 52.4370



1.8247, 2.1802, 5.1379



# Inverse Universe

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



89.5857, 90.8853, 103.2681



89.6138, 90.3245, 103.3980



91.3739, 96.6678, 97.0634



19.0595, 19.1177, 22.0061



25.7453, 12.7874, 23.1070

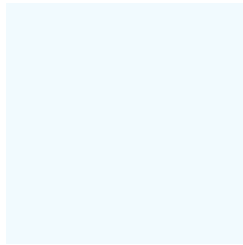


2.5556, 1.2646, 2.5075



# Previews

## White Background



This preview shows how the XYZ color 88.3506, 94.2277, 107.2971 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

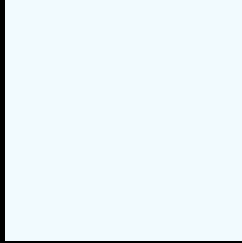
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the XYZ color 88.3506, 94.2277, 107.2971 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

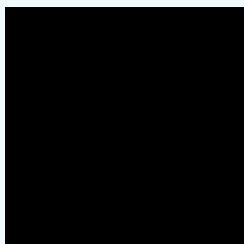
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

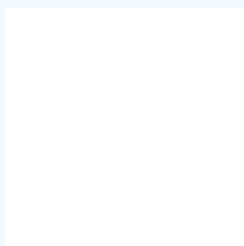
If you want to check with other color combinations, try the [Color Contrast Checker](#).

# XYZ 88.3506, 94.2277, 107.2971

## Background



This preview shows how black text looks on a background with the XYZ color 88.3506, 94.2277, 107.2971.



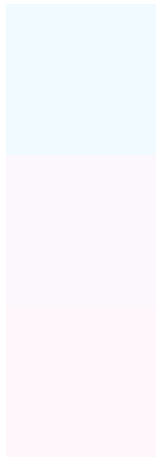
This preview shows how white text looks on a background with the XYZ color 88.3506, 94.2277,



# 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

88.3506, 94.2277, 107.2971

### Protanopia

90.6151, 94.0590, 105.4747

### Deuteranopia

91.6084, 94.1366, 104.6087

## **Tritanopia**

89.9752, 94.1290, 108.0342

# Trichromacy



**Original Color**

88.3506, 94.2277, 107.2971

**Protanomaly**

89.6548, 94.0008, 106.3472

**Deuteranomaly**

90.2558, 93.8738, 105.4579

**Tritanomaly**

89.5819, 94.3838, 108.1042

# Monochromacy



**Original Color**

88.3506, 94.2277, 107.2971

**Achromatopsia**

89.2221, 93.8686, 102.2229

**Achromatomaly**

88.7872, 94.0660, 103.9194

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 88.3506, 94.2277, 107.2971 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(241, 250, 254)` looks like.

```
.text, #text, p{  
    color:rgb(241, 250, 254)  
}
```

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(241, 250, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 250, 254) }
```

## Border

The CSS property to change the border of an element to XYZ 88.3506, 94.2277, 107.2971 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(241, 250, 254) }
```



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

```
.border{ border-color:rgb(241, 250, 254) }
```

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

Here you see how a box with a 4 pixel `rgb(241, 250, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 250, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 250, 254);  
box-shadow:4px 4px 4px 4px rgb(241, 250,  
254) }
```

# Background

The CSS property to change the background color of an element to XYZ 88.3506, 94.2277, 107.2971 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 250, 254) }
```

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

```
.background{ background-color: rgb(241,  
250, 254) }
```

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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