

# Converting Colors

XYZ(88.3934, 95.1726,  
106.6898)

Have a look what the booklet for  
XYZ(88.3934, 95.1726, 106.6898)  
contains.

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# **Color**

**XYZ(88.4752, 95.2379,  
106.6481)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F0FCFD
RGB	240, 252, 253
RGB Percent	94%, 99%, 99%
CMY	0.0588, 0.0117, 0.0078
CMYK	0.05, 0.00, 0.00, 0.01
HSL	185°, 76%, 97%
HSV	185°, 5%, 99%
XYZ	88.4752, 95.2379, 106.6481
YIQ	248.5260, -7.4730, -2.2330

# Conversions

## Conversions Part 2

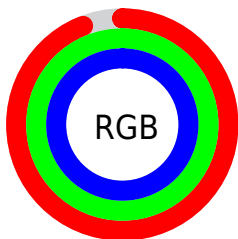
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	240, 246, 253
Decimal	15793405
CIE <sub>Lab</sub>	98.13, -3.73, -1.85
CIE <sub>LCh</sub>	98, 4.166, 206.341
Yxy	95.2379, 0.3047, 0.3280
Android (android.graphics.Color)	4293983485 (0xFFFF0FCFD)
YUV	248.5260, 2.2057, -7.4773
Hunter-Lab	97.5899, -8.9539, 3.5197

# Details

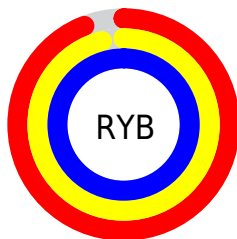
The XYZ color 88.4752, 95.2379, 106.6481 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 87.6918, 90.0837, 95.2056, and the grayscale version is 89.6428, 94.3112, 102.7049.

A 20% lighter version of the original color is 95.0500, 100.0000, 108.9000, and 49.2461, 53.2061, 59.8988 is the 20% darker color. If you saturate the color by 10%, you get 79.8732, 89.9069, 106.0740, and if you desaturate by 10%, it is 94.3940, 99.2001, 107.1024.

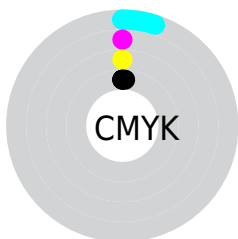
# Distribution



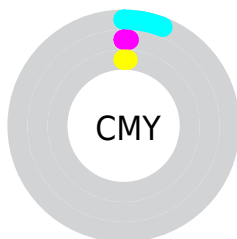
- Red (94%)
- Green (99%)
- Blue (99%)



- Red (94%)
- Yellow (96%)
- Blue (99%)



- Cyan (5%)
- Magenta (0%)
- Yellow (0%)
- Black (1%)



- Cyan (6%)
- Magenta (1%)
- Yellow (1%)

# Brightness & Saturation Gradients

These gradients show how the XYZ color 88.4752, 95.2379, 106.6481 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 88.4752, 95.2379, 106.6481 by changing the saturation by 10% instead.



88.4752, 95.2379,  
106.6481

88.4752, 95.2379,  
106.6481

511.3703,  
544.9263, 602.7310

67.0488, 72.3330,  
81.2164

144.1077,  
154.5932, 172.3949

49.3951, 53.4307,  
60.1878

179.0445,  
191.8124, 213.5470

35.1488, 38.1467,  
43.1437

219.2155,  
234.5719, 260.7764

23.9446, 26.0966,  
29.6657

264.9860,  
283.2560, 314.5016

15.4170, 16.8959,  
19.3351

316.7213,  
338.2490, 375.1412

9.2008, 10.1603,  
11.7334

374.7869,

4.9306, 5.5054,

399.9355, 443.1135

6.4421

439.5481,  
468.6998, 518.8373

■ 2.2409, 2.5467,  
3.0426

■ 0.7642, 0.9000,  
1.1164

■ 88.4752, 95.2379,  
106.6481

■ 88.4752, 95.2379,  
106.6481

■ 79.8732, 89.9069,  
106.0740

94.3940, 99.2001,  
107.1024

■ 72.4229, 85.1762,  
105.5535

94.7299, 99.8720,  
107.2144

■ 66.0743, 81.0226,  
105.0864

■ 60.7707, 77.4168,  
104.6699

■ 56.4501, 74.3269,  
104.3012

■ 53.0440, 71.7176,  
103.9771

■ 50.4752, 69.5489,  
103.6939

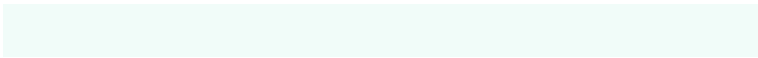
■ 48.6536, 67.7745,  
103.4474

■ 47.4681, 66.3370,  
103.2324

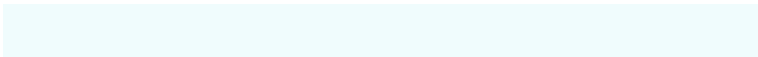
# Harmonies

## Analogous

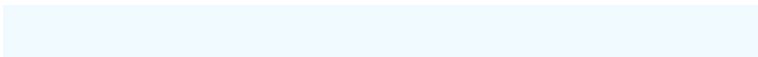
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



88.2448, 95.2379, 103.2780



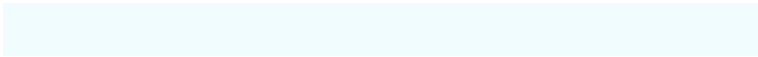
88.4752, 95.2379, 106.6481



89.2520, 95.2379, 109.2777

# Triad

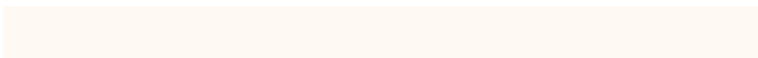
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



88.4752, 95.2379, 106.6481



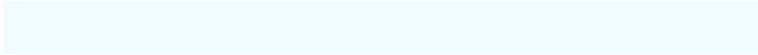
92.4487, 95.2379, 107.3917



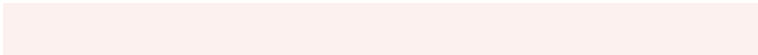
90.6676, 95.2379, 97.2623

# Complementary

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



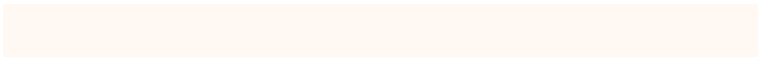
88.4752, 95.2379, 106.6481



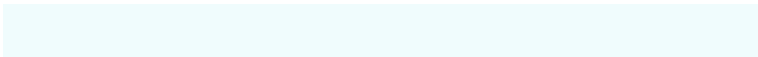
87.6918, 90.0837, 95.2056

# 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.



91.8015, 95.2379, 98.3113



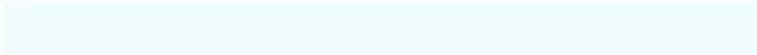
88.4752, 95.2379, 106.6481



92.8355, 95.2379, 104.1189

# Square

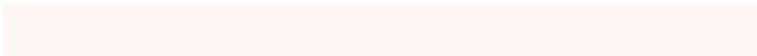
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



88.4752, 95.2379, 106.6481



91.5451, 95.2379, 109.7136



92.5976, 95.2379, 100.8026

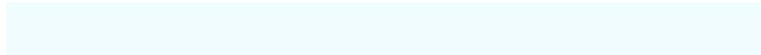


89.5041, 95.2379, 97.9061

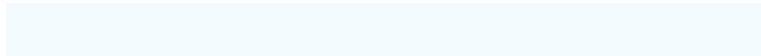


# Rectangle

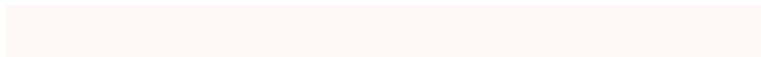
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



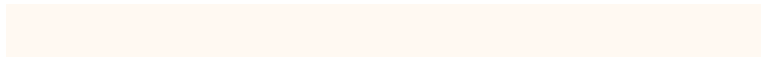
88.4752, 95.2379, 106.6481



89.9787, 95.2379, 110.2311



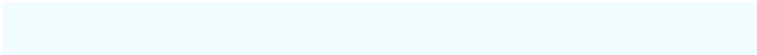
92.5976, 95.2379, 100.8026



91.0650, 95.2379, 97.4280

# Sweetspot

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



88.4779, 95.2419, 106.6502



93.0740, 98.7965, 108.7718



86.9192, 95.1203, 96.8951



19.9424, 21.1591, 23.2830



0.0000, 0.0000, 0.0000

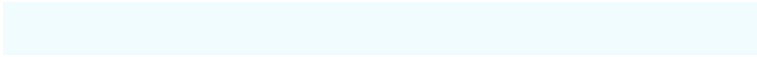


20.3446, 21.4041, 23.3091

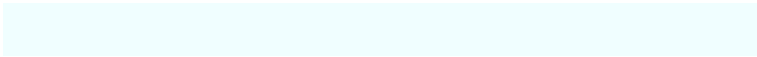


# Same Dimension

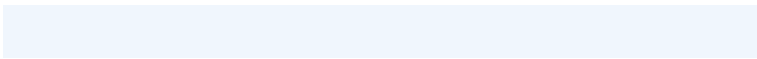
The Same Dimension uses a secret algorithm to generate beautiful new colors.



88.4779, 95.2419, 106.6502



89.2706, 96.4671, 108.5227



86.5106, 91.3074, 105.9944



18.9786, 20.5686, 23.2198



25.0741, 35.0578, 54.8799



2.4754, 3.4814, 5.3548



# Inverse Universe

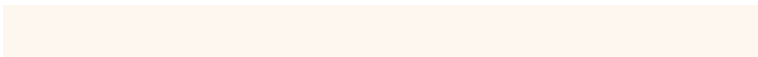
The Inverse Universe completely reimagines the original color for something new.



89.2409, 90.2329, 104.8134



90.1737, 90.5484, 106.3463



89.6107, 93.9215, 95.8452



19.1922, 19.1707, 22.7047



29.4444, 14.2671, 42.5864

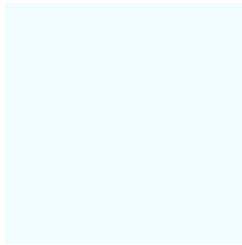


2.8841, 1.3960, 4.2369



# Previews

## White Background



This preview shows how the XYZ color 88.4752, 95.2379, 106.6481 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

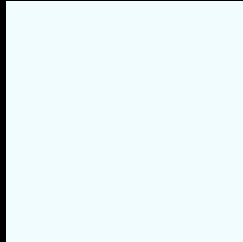
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the XYZ color 88.4752, 95.2379, 106.6481 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

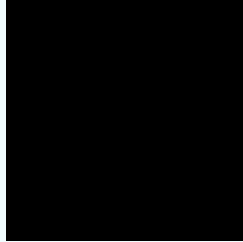
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# XYZ 88.4752, 95.2379, 106.6481

## Background



This preview shows how black text looks on a background with the XYZ color 88.4752, 95.2379, 106.6481.



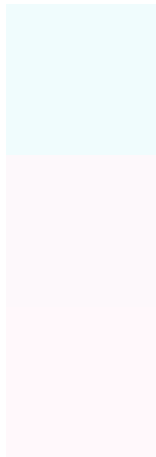
This preview shows how white text looks on a background with the XYZ color 88.4752, 95.2379,

106.6481.

# 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

88.4752, 95.2379, 106.6481

### Protanopia

91.4880, 94.9825, 104.7783

### Deuteranopia

92.2200, 95.3598, 104.8126

## **Tritanopia**

90.6371, 94.9278, 108.1536

# Trichromacy



**Original Color**

88.4752, 95.2379, 106.6481

**Protanomaly**

90.1578, 94.7361, 105.6295

**Deuteranomaly**

90.8707, 95.1036, 105.6629

**Tritanomaly**

89.7312, 94.9394, 107.3617

# Monochromacy



**Original Color**

88.4752, 95.2379, 106.6481

**Achromatopsia**

90.0415, 94.7307, 103.1617

**Achromatomaly**

89.4470, 94.8662, 104.0391

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 88.4752, 95.2379, 106.6481 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(240, 252, 253) looks like.

```
.text, #text, p{  
    color:rgb(240, 252, 253)  
}
```

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(240, 252, 253) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 252, 253) }
```

## Border

The CSS property to change the border of an element to XYZ 88.4752, 95.2379, 106.6481 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(240, 252, 253) }
```



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

```
.border{ border-color:rgb(240, 252, 253) }
```

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

Here you see how a box with a 4 pixel `rgb(240, 252, 253)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 252, 253); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 252, 253);  
box-shadow:4px 4px 4px 4px rgb(240, 252,  
253) }
```

# Background

The CSS property to change the background color of an element to XYZ 88.4752, 95.2379, 106.6481 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 252, 253) }
```

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

```
.background{ background-color: rgb(240,  
252, 253) }
```

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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