

# Converting Colors

XYZ(88.5822, 95.7972,  
104.2246)

Have a look what the booklet for  
XYZ(88.5822, 95.7972, 104.2246)  
contains.

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# Color

**XYZ(88.6562, 95.8535,  
104.2714)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F1FDFA
RGB	241, 253, 250
RGB Percent	95%, 99%, 98%
CMY	0.0549, 0.0078, 0.0196
CMYK	0.05, 0.00, 0.01, 0.01
HSL	165°, 75%, 97%
HSV	165°, 5%, 99%
XYZ	88.6562, 95.8535, 104.2714
YIQ	249.0700, -6.1890, -3.4770

# Conversions

## Conversions Part 2

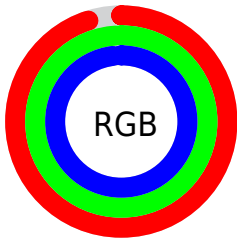
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	241, 248, 253
Decimal	15859194
CIE Lab	98.37, -4.46, 0.06
CIE LCh	98, 4.459, 179.217
Yxy	95.8535, 0.3070, 0.3319
Android (android.graphics.Color)	4294049274 (0xFFFF1FDFA)
YUV	249.0700, 0.4585, -7.0774
Hunter-Lab	97.9048, -9.6954, 5.3878

# Details

The XYZ color 88.6562, 95.8535, 104.2714 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 88.2959, 90.3273, 98.3737, and the grayscale version is 90.1024, 94.7948, 103.2315.

A 20% lighter version of the original color is 95.0500, 100.0000, 108.9000, and 49.4851, 53.6892, 58.7938 is the 20% darker color. If you saturate the color by 10%, you get 79.6369, 91.3194, 98.7548, and if you desaturate by 10%, it is 94.4171, 98.7343, 108.6890.

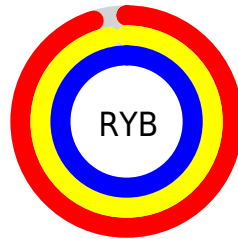
# Distribution



Red (95%)

Green (99%)

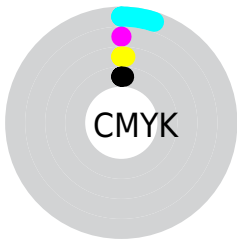
Blue (98%)



Red (95%)

Yellow (97%)

Blue (99%)

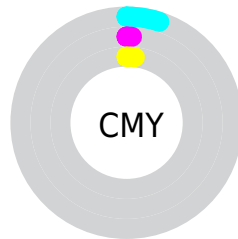


Cyan (5%)

Magenta (0%)

Yellow (1%)

Black (1%)



Cyan (5%)

Magenta (1%)

Yellow (2%)

# Brightness & Saturation Gradients

These gradients show how the XYZ color 88.6562, 95.8535, 104.2714 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 88.6562, 95.8535, 104.2714 by changing the saturation by 10% instead.



88.6562, 95.8535,  
104.2714

88.6562, 95.8535,  
104.2714

511.9531,  
546.8938, 595.1653

67.1992, 72.8456,  
79.2358

144.3582,  
155.4432, 169.1177

49.5179, 53.8497,  
58.5673

179.3340,  
192.7938, 209.7655

35.2467, 38.4815,  
41.8472

219.5468,  
235.6940, 256.4544

24.0204, 26.3566,  
28.6570

265.3620,  
284.5283, 309.6030

15.4735, 17.0906,  
18.5781

317.1448,  
339.6810, 369.6299

9.2409, 10.2991,  
11.1921

375.2607,

4.9570, 5.5977,

401.5365, 436.9535

6.0804

440.0750,  
470.4793, 511.9925

■ 2.2565, 2.6021,  
2.8245

■ 0.7723, 0.9277,  
1.0057

■ 88.6562, 95.8535,  
104.2714

■ 88.6562, 95.8535,  
104.2714

■ 79.6369, 91.3194,  
98.7548

94.4171, 98.7343,  
108.6890

■ 71.7981, 87.3873,  
93.4638

■ 65.0898, 84.0343,  
88.3963

■ 59.4550, 81.2309,  
83.5480

■ 54.8316, 78.9452,  
78.9141

■ 51.1513, 77.1421,  
74.4897

■ 48.3367, 75.7816,  
70.2694

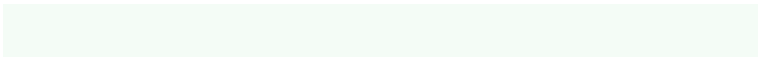
■ 46.2981, 74.8176,  
66.2470

■ 44.9252, 74.1932,  
62.4157

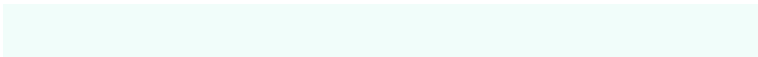
# Harmonies

## Analogous

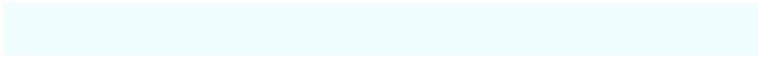
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



88.9985, 95.8535, 100.7863



88.6562, 95.8535, 104.2714



88.9652, 95.8535, 107.8624

# Triad

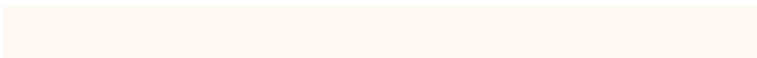
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



88.6562, 95.8535, 104.2714



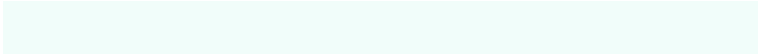
92.3179, 95.8535, 110.6704



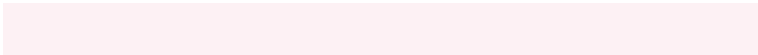
92.3770, 95.8535, 98.4029

# Complementary

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



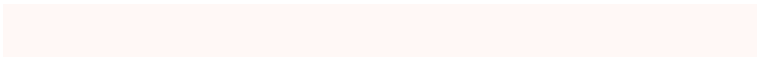
88.6562, 95.8535, 104.2714



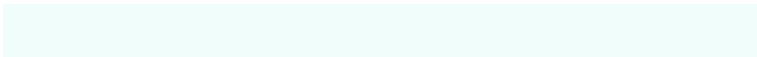
88.2959, 90.3273, 98.3737

# 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.



93.2806, 95.8535, 100.9502



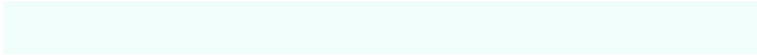
88.6562, 95.8535, 104.2714



93.2463, 95.8535, 108.0339

# Square

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



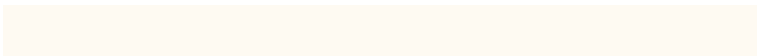
88.6562, 95.8535, 104.2714



91.0721, 95.8535, 111.6090



93.6003, 95.8535, 104.4650

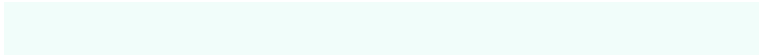


91.1397, 95.8535, 97.4475

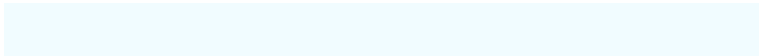


# Rectangle

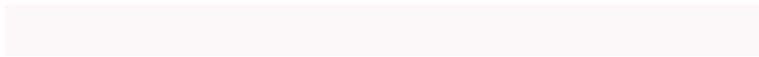
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



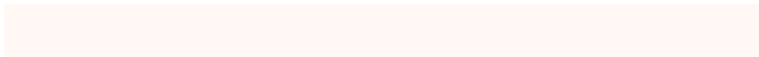
88.6562, 95.8535, 104.2714



89.5006, 95.8535, 109.8215



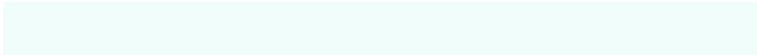
93.6003, 95.8535, 104.4650



92.7303, 95.8535, 99.0984

# Sweetspot

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



88.6589, 95.8576, 104.2735



94.0155, 99.4785, 108.3162



88.3832, 95.8746, 97.0677



20.1341, 21.2980, 23.1903



0.0000, 0.0000, 0.0000

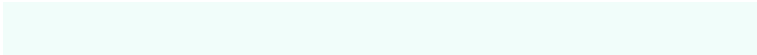


20.3446, 21.4041, 23.3091



# Same Dimension

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



88.6589, 95.8576, 104.2735



89.0330, 96.9686, 105.4326



88.2560, 94.2919, 106.4820



18.9224, 20.6876, 22.4872



23.6729, 39.3657, 32.4922

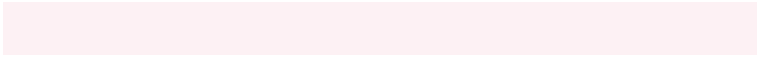


2.3486, 3.8504, 3.3937



# Inverse Universe

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



88.2959, 90.3273, 98.3737



88.5695, 89.9068, 97.8990



88.6789, 91.8174, 96.2690



18.8129, 19.0190, 20.7071



22.0794, 11.3211, 3.8027

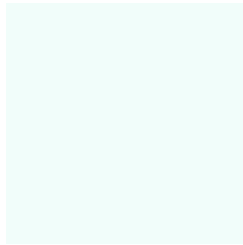


2.1913, 1.1189, 0.5889



# Previews

## White Background



This preview shows how the XYZ color 88.6562, 95.8535, 104.2714 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

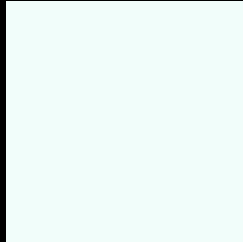
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the XYZ color 88.6562, 95.8535, 104.2714 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

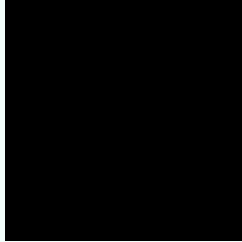
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# XYZ 88.6562, 95.8535, 104.2714

## Background



This preview shows how black text looks on a background with the XYZ color 88.6562, 95.8535, 104.2714.



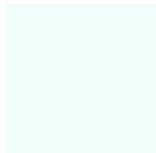
This preview shows how white text looks on a background with the XYZ color 88.6562, 95.8535,



# 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

88.6562, 95.8535, 104.2714



### Protanopia

92.0590, 95.7887, 102.4440

### Deuteranopia

92.5283, 95.9764, 104.9153

## **Tritanopia**

91.3025, 95.7310, 108.2735

# Trichromacy



**Original Color**

88.6562, 95.8535, 104.2714

**Protanomaly**

90.7088, 95.5348, 103.2817

**Deuteranomaly**

91.0225, 95.6602, 104.9337

**Tritanomaly**

90.2328, 95.6790, 106.6406

# Monochromacy



**Original Color**

88.6562, 95.8535, 104.2714

**Achromatopsia**

90.0415, 94.7307, 103.1617

**Achromatomaly**

89.2905, 94.8036, 103.2153

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 88.6562, 95.8535, 104.2714 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, 253, 250)` looks like.

```
.text, #text, p{  
    color:rgb(241, 253, 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(241, 253, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 253, 250) }
```

## Border

The CSS property to change the border of an element to XYZ 88.6562, 95.8535, 104.2714 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, 253, 250) }
```



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

```
.border{ border-color:rgb(241, 253, 250) }
```

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

Here you see how a box with a 4 pixel `rgb(241, 253, 250)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 253, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 253, 250);  
box-shadow:4px 4px 4px 4px rgb(241, 253,  
250) }
```

# Background

The CSS property to change the background color of an element to XYZ 88.6562, 95.8535, 104.2714 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 253, 250) }
```

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

```
.background{ background-color: rgb(241,  
253, 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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