

# Converting Colors

XYZ(88.6566, 96.9186, 98.9077)

Have a look what the booklet for  
XYZ(88.6566, 96.9186, 98.9077)  
contains.

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# Color

**XYZ(88.5556, 96.8683,  
98.8241)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F2FFF3
RGB	242, 255, 243
RGB Percent	95%, 100%, 95%
CMY	0.0510, 0.0000, 0.0471
CMYK	0.05, 0.00, 0.05, 0.00
HSL	125°, 100%, 97%
HSV	125°, 5%, 100%
XYZ	88.5556, 96.8683, 98.8241
YIQ	249.7450, -3.8960, -6.4880

# Conversions

## Conversions Part 2

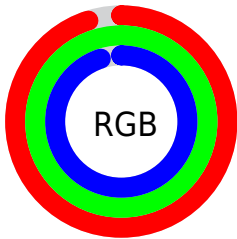
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	242, 254, 255
Decimal	15925235
CIE <sub>Lab</sub>	98.78, -6.38, 4.25
CIE <sub>LCh</sub>	99, 7.663, 146.326
Yxy	96.8683, 0.3115, 0.3408
Android (android.graphics.Color)	4294115315 (0xFFFF2FFF3)
YUV	249.7450, -3.3253, -6.7924
Hunter-Lab	98.4217, -11.6314, 9.3628

# Details

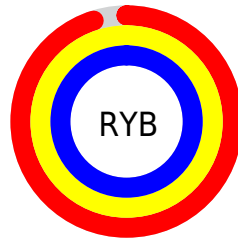
The XYZ color 88.5556, 96.8683, 98.8241 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 90.8820, 91.9209, 106.7182, and the grayscale version is 90.6842, 95.4069, 103.8981.

A 20% lighter version of the original color is 95.0500, 100.0000, 108.9000, and 49.4134, 54.4151, 54.9125 is the 20% darker color. If you saturate the color by 10%, you get 77.0747, 91.3344, 80.9057, and if you desaturate by 10%, it is 95.0500, 100.0000, 108.9000.

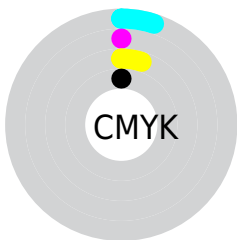
# Distribution



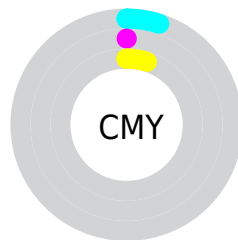
- Red (95%)
- Green (100%)
- Blue (95%)



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



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




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


# Brightness & Saturation Gradients

These gradients show how the XYZ color 88.5556, 96.8683, 98.8241 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 88.5556, 96.8683, 98.8241 by changing the saturation by 10% instead.




 88.5556, 96.8683,  
98.8241

 88.5556, 96.8683,  
98.8241


511.6292,  
550.1290, 577.6305

 67.1156, 73.6909,  
74.7075


144.2190,  
156.8432, 161.5780

 49.4496, 54.5411,  
54.8730


179.1731,  
194.4096, 201.0524

 35.1923, 39.0344,  
38.9021


219.3627,  
237.5410, 246.4831

 23.9782, 26.7865,  
26.3763

265.1530,  
286.6220, 298.2887

 15.4421, 17.4130,  
16.8771

316.9095,  
342.0369, 356.8877

 9.2186, 10.5294,  
9.9859

374.9974,

 4.9423, 5.7513,

404.1701, 422.6986

5.2841

439.7822,  
473.4060, 496.1400

■ 2.2479, 2.6945,  
2.3533

■ 0.7678, 0.9744,  
0.7608

■ 88.5556, 96.8683,  
98.8241

■ 88.5556, 96.8683,  
98.8241

■ 77.0747, 91.3344,  
80.9057

95.0500, 100.0000,  
108.9000

■ 67.2017, 86.5787,  
65.3501

■ 58.8654, 82.5667,  
52.0602

■ 51.9884, 79.2608,  
40.9303

■ 46.4866, 76.6198,  
31.8462

■ 42.2671, 74.5988,  
24.6834

■ 39.2258, 73.1468,  
19.3039

■ 37.2418, 72.2051,  
15.5510

■ 36.1682, 71.7016,  
13.2411

# Harmonies

## Analogous

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



90.1860, 96.8683, 94.8677



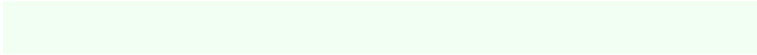
88.5556, 96.8683, 98.8241



87.8665, 96.8683, 104.6899

# Triad

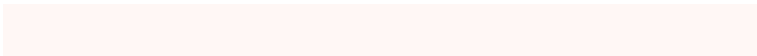
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



88.5556, 96.8683, 98.8241



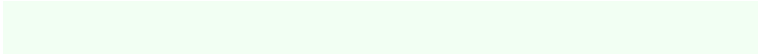
91.7965, 96.8683, 118.1796



95.9585, 96.8683, 100.1319

# Complementary

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



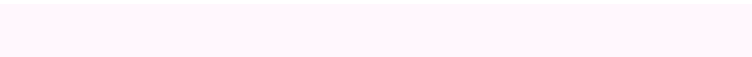
88.5556, 96.8683, 98.8241



90.8820, 91.9209, 106.7182

# Split Complementary

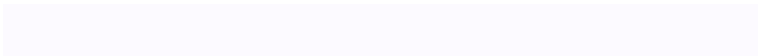
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



96.4064, 96.8683, 106.2602



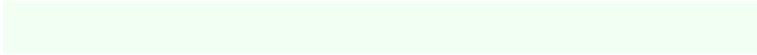
88.5556, 96.8683, 98.8241



93.9809, 96.8683, 116.8408

# Square

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



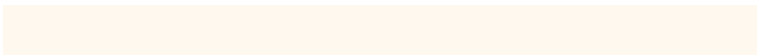
88.5556, 96.8683, 98.8241



89.7185, 96.8683, 116.0023



95.6770, 96.8683, 112.4139

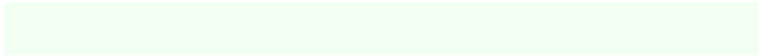


94.4631, 96.8683, 95.6012

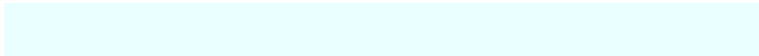


# Rectangle

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



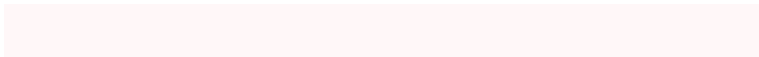
88.5556, 96.8683, 98.8241



88.0253, 96.8683, 108.9551



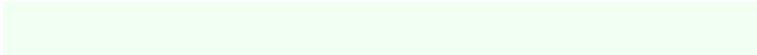
95.6770, 96.8683, 112.4139



96.2376, 96.8683, 102.0661

# Sweetspot

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



88.5564, 96.8687, 98.8256



92.4497, 98.7460, 104.8704



92.7092, 99.0269, 98.2335



19.8153, 21.1488, 22.4888



0.0000, 0.0000, 0.0000

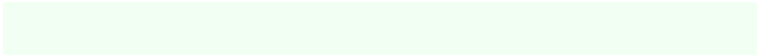


20.3446, 21.4041, 23.3091

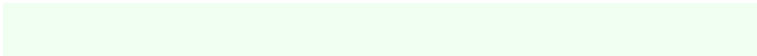


# Same Dimension

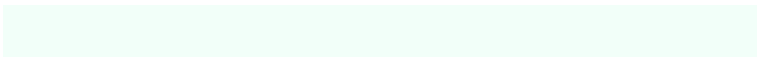
The Same Dimension uses a secret algorithm to generate beautiful new colors.



88.5564, 96.8687, 98.8256



87.4523, 96.3363, 97.1086



89.5347, 97.2600, 103.9773



18.5492, 20.5384, 20.5220



18.7696, 37.4044, 6.6720



1.8462, 3.6494, 0.7480



# Inverse Universe

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



90.8820, 91.9209, 106.7182



90.1728, 90.5481, 106.3420



89.8792, 91.5198, 101.4377



19.1920, 19.1707, 22.7037



29.4381, 14.2645, 42.5529

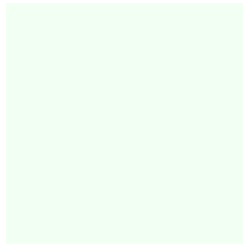


2.8835, 1.3958, 4.2340



# Previews

## White Background



This preview shows how the XYZ color 88.5556, 96.8683, 98.8241 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

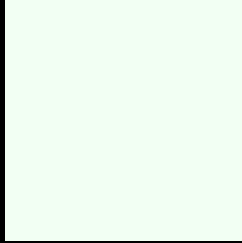
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the XYZ color 88.5556, 96.8683, 98.8241 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

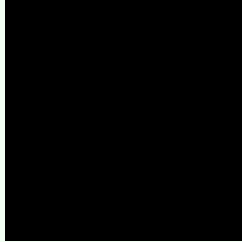
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

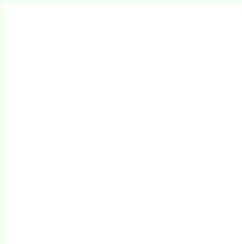
If you want to check with other color combinations, try the [Color Contrast Checker](#).

# XYZ 88.5556, 96.8683, 98.8241

## Background



This preview shows how black text looks on a background with the XYZ color 88.5556, 96.8683, 98.8241.



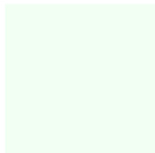
This preview shows how white text looks on a background with the XYZ color 88.5556, 96.8683,

98.841.

# 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

88.5556, 96.8683, 98.8241



### Protanopia

92.3717, 96.9082, 101.0254

### Deuteranopia

92.8382, 96.5962, 105.0186

## Tritanopia

91.9715, 96.5384, 108.3941

# Trichromacy



**Original Color**

88.5556, 96.8683, 98.8241

**Protanomaly**

90.7162, 96.5374, 100.2385

**Deuteranomaly**

91.1780, 96.7221, 102.6706

**Tritanomaly**

90.5808, 96.3600, 105.0920

# Monochromacy



**Original Color**

88.5556, 96.8683, 98.8241

**Achromatopsia**

90.8653, 95.5973, 104.1055

**Achromatomaly**

89.9567, 96.1104, 101.8056

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 88.5556, 96.8683, 98.8241 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(242, 255, 243)` looks like.

```
.text, #text, p{  
    color:rgb(242, 255, 243)  
}
```

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(242, 255, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 255, 243) }
```

## Border

The CSS property to change the border of an element to XYZ 88.5556, 96.8683, 98.8241 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(242, 255, 243) }
```



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

```
.border{ border-color:rgb(242, 255, 243) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 255, 243)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 255, 243); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 255, 243);  
box-shadow:4px 4px 4px 4px rgb(242, 255,  
243) }
```

# Background

The CSS property to change the background color of an element to XYZ 88.5556, 96.8683, 98.8241 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 255, 243) }
```

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

```
.background{ background-color: rgb(242,  
255, 243) }
```

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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