

# Converting Colors

XYZ(93.0750, 97.2558,  
130.4235)

Have a look what the booklet for  
XYZ(93.0750, 97.2558, 130.4235)  
contains.

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# **Color**

**XYZ(88.7956, 95.3661,  
108.3352)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F0FCFF
RGB	240, 252, 255
RGB Percent	94%, 99%, 100%
CMY	0.0588, 0.0117, 0.0000
CMYK	0.06, 0.01, 0.00, 0.00
HSL	192°, 100%, 97%
HSV	192°, 6%, 100%
XYZ	88.7956, 95.3661, 108.3352
YIQ	248.7540, -8.1150, -1.6110

# Conversions

## Conversions Part 2

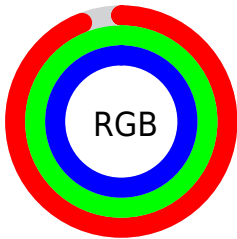
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	240, 247, 255
Decimal	15793407
CIE Lab	98.18, -3.37, -2.80
CIE LCh	98, 4.380, 219.780
Yxy	95.3661, 0.3036, 0.3260
Android (android.graphics.Color)	4293983487 (0xFFFF0FCFF)
YUV	248.7540, 3.0793, -7.6773
Hunter-Lab	97.6556, -8.5920, 2.5849

# Details

The XYZ color 88.7956, 95.3661, 108.3352 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 89.0179, 91.6503, 95.4381, and the grayscale version is 89.8231, 94.5009, 102.9115.

A 20% lighter version of the original color is 95.0500, 100.0000, 108.9000, and 49.4753, 53.2978, 61.1060 is the 20% darker color. If you saturate the color by 10%, you get 79.1630, 88.0613, 107.4329, and if you desaturate by 10%, it is 95.0500, 100.0000, 108.9000.

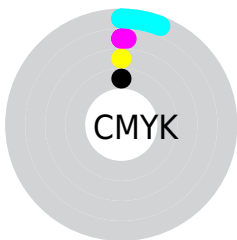
# Distribution



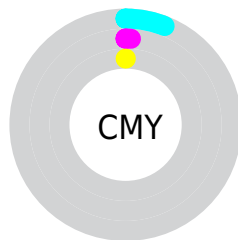
- Red (94%)
- Green (99%)
- Blue (100%)



- Red (94%)
- Yellow (97%)
- Blue (100%)



- Cyan (6%)
- Magenta (1%)
- Yellow (0%)
- Black (0%)



- Cyan (6%)
- Magenta (1%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the XYZ color 88.7956, 95.3661, 108.3352 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 88.7956, 95.3661, 108.3352 by changing the saturation by 10% instead.



88.7956, 95.3661,  
108.3352

88.7956, 95.3661,  
108.3352

512.4016,  
545.3363, 608.0716

67.3151, 72.4397,  
82.6240

144.5512,  
154.7703, 174.7168

49.6124, 53.5180,  
61.3412

179.5570,  
192.0169, 216.2243

35.3221, 38.2164,  
44.0683

219.8019,  
234.8057, 263.8344

24.0787, 26.1507,  
30.3866

265.6514,  
283.5210, 317.9655

15.5171, 16.9364,  
19.8777

317.4708,  
338.5474, 379.0363

9.2718, 10.1892,  
12.1230

375.6254,

4.9774, 5.5246,

400.2692, 447.4652

6.7039

440.4805,  
469.0707, 523.6708

■ 2.2686, 2.5582,  
3.2020

■ 0.7785, 0.9057,  
1.1987

■ 88.7956, 95.3661,  
108.3352

■ 88.7956, 95.3661,  
108.3352

■ 79.1630, 88.0613,  
107.4329

95.0500, 100.0000,  
108.9000

■ 70.7365, 81.4386,  
106.5988

■ 63.4642, 75.4736,  
105.8307

■ 57.2876, 70.1355,  
105.1259

■ 52.1427, 65.3908,  
104.4812

■ 47.9589, 61.2027,  
103.8934

■ 44.6562, 57.5294,  
103.3584

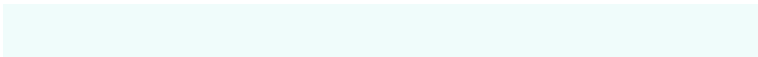
■ 42.1412, 54.3223,  
102.8719

■ 40.2981, 51.5209,  
102.4283

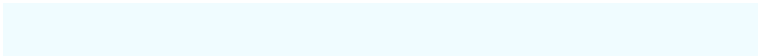
# Harmonies

## Analogous

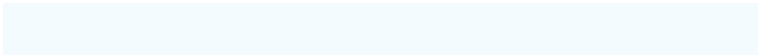
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



88.2787, 95.3661, 105.0191



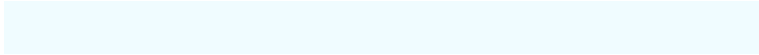
88.7956, 95.3661, 108.3352



89.8088, 95.3661, 110.4774

# Triad

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



88.7956, 95.3661, 108.3352



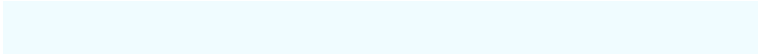
92.9324, 95.3661, 106.2513



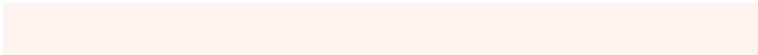
90.2322, 95.3661, 97.1565

# Complementary

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



88.7956, 95.3661, 108.3352



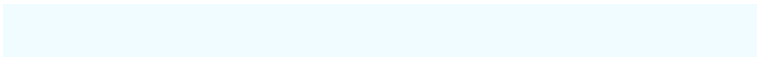
89.0179, 91.6503, 95.4381

# 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.



91.4816, 95.3661, 97.4690



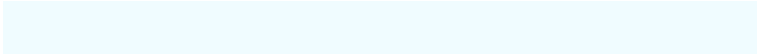
88.7956, 95.3661, 108.3352



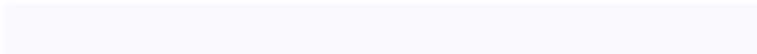
93.0483, 95.3661, 102.6647

# Square

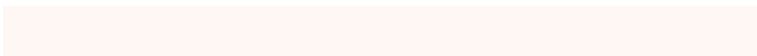
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



88.7956, 95.3661, 108.3352



92.1998, 95.3661, 109.2551



92.5151, 95.3661, 99.4660

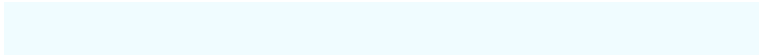


89.1031, 95.3661, 98.6020

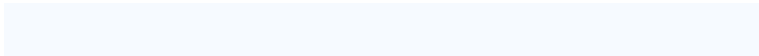


# Rectangle

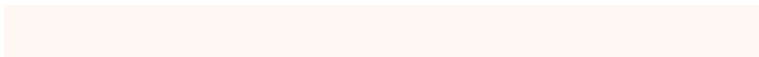
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



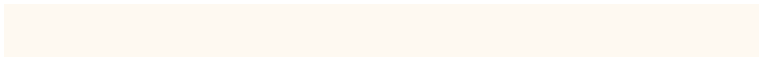
88.7956, 95.3661, 108.3352



90.6333, 95.3661, 110.9231



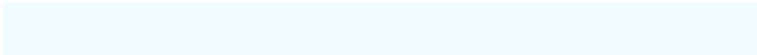
92.5151, 95.3661, 99.4660



90.6519, 95.3661, 97.0602

# Sweetspot

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



88.7981, 95.3700, 108.3358



92.8746, 98.3976, 108.7054



87.8360, 96.5017, 98.5947



19.9018, 21.0780, 23.2695



0.0000, 0.0000, 0.0000

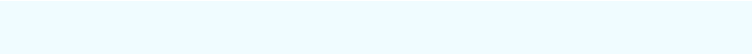


20.3446, 21.4041, 23.3091

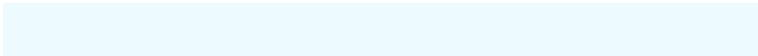


# Same Dimension

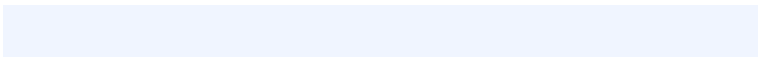
The Same Dimension uses a secret algorithm to generate beautiful new colors.



88.7981, 95.3700, 108.3358



87.6588, 94.5177, 108.2314



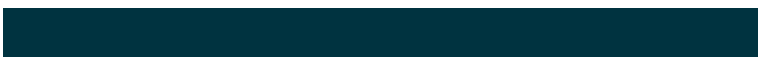
86.5631, 90.9001, 107.5908



18.6324, 20.1330, 23.1540



20.8339, 26.5775, 53.4665



2.1031, 2.7370, 5.2307



# Inverse Universe

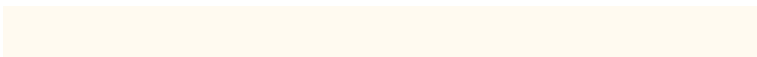
The Inverse Universe completely reimagines the original color for something new.



89.9723, 90.6100, 104.8477



89.0491, 88.9079, 104.0954



91.2320, 96.0785, 96.1762



18.9547, 18.8357, 22.1943



27.3042, 13.4110, 31.3161

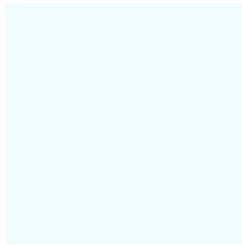


2.6962, 1.3208, 3.2474



# Previews

## White Background



This preview shows how the XYZ color 88.7956, 95.3661, 108.3352 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

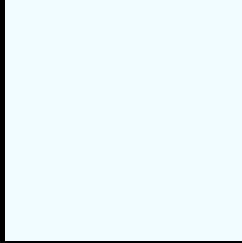
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the XYZ color 88.7956, 95.3661, 108.3352 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

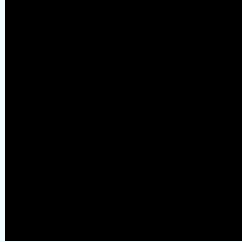
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# XYZ 88.7956, 95.3661, 108.3352

## Background



This preview shows how black text looks on a background with the XYZ color 88.7956, 95.3661, 108.3352.



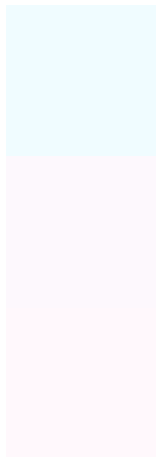
This preview shows how white text looks on a background with the XYZ color 88.7956, 95.3661,



# 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

88.7956, 95.3661, 108.3352

### Protanopia

91.8050, 95.1093, 106.4478

### Deuteranopia

92.3781, 95.4231, 105.6451

## **Tritanopia**

90.9470, 95.5477, 108.2569

# Trichromacy



**Original Color**

88.7956, 95.3661, 108.3352

**Protanomaly**

90.4765, 94.8636, 107.3078

**Deuteranomaly**

91.0296, 95.1672, 106.4998

**Tritanomaly**

90.2034, 95.6268, 108.3113

# Monochromacy



**Original Color**

88.7956, 95.3661, 108.3352

**Achromatopsia**

90.0415, 94.7307, 103.1617

**Achromatomaly**

89.6042, 94.9291, 104.8673

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 88.7956, 95.3661, 108.3352 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, 255)` looks like.

```
.text, #text, p{  
    color:rgb(240, 252, 255)  
}
```

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, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 252, 255) }
```

## Border

The CSS property to change the border of an element to XYZ 88.7956, 95.3661, 108.3352 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, 255) }
```



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

```
.border{ border-color:rgb(240, 252, 255) }
```

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, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 252, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 252, 255);  
box-shadow:4px 4px 4px 4px rgb(240, 252,  
255) }
```

# Background

The CSS property to change the background color of an element to XYZ 88.7956, 95.3661, 108.3352 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, 255) }
```

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

```
.background{ background-color: rgb(240,  
252, 255) }
```

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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