

# Converting Colors

XYZ(108.6269, 103.2264,  
214.0456)

Have a look what the booklet for  
XYZ(108.6269, 103.2264, 214.0456)  
contains.

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# **Color**

**XYZ(88.4570, 95.1915,  
108.3194)**

# Conversions

## Conversions Part 1

Format	Color
Hex	EFFCFF
RGB	239, 252, 255
RGB Percent	94%, 99%, 100%
CMY	0.0627, 0.0117, 0.0000
CMYK	0.06, 0.01, 0.00, 0.00
HSL	191°, 100%, 97%
HSV	191°, 6%, 100%
XYZ	88.4570, 95.1915, 108.3194
YIQ	248.4550, -8.7110, -1.8230

# Conversions

## Conversions Part 2

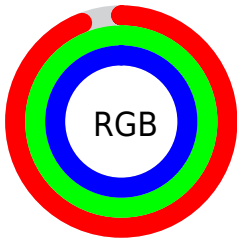
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	239, 246, 255
Decimal	15727871
CIE <sub>Lab</sub>	98.11, -3.69, -2.91
CIE <sub>LCh</sub>	98, 4.699, 218.306
Yxy	95.1915, 0.3030, 0.3260
Android (android.graphics.Color)	4293917951 (0xFFEFFCFF)
<b>YUV</b>	248.4550, 3.2267, -8.2920
Hunter-Lab	97.5661, -8.9061, 2.4716

# Details

The XYZ color 88.4570, 95.1915, 108.3194 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 88.5713, 90.9942, 94.5583, and the grayscale version is 89.5771, 94.2421, 102.6296.

A 20% lighter version of the original color is 95.0500, 100.0000, 108.9000, and 49.2366, 53.1747, 61.0948 is the 20% darker color. If you saturate the color by 10%, you get 78.9684, 88.1053, 107.4517, and if you desaturate by 10%, it is 95.0500, 100.0000, 108.9000.

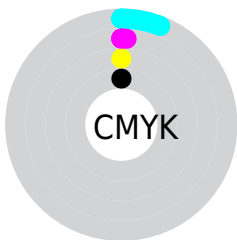
# Distribution



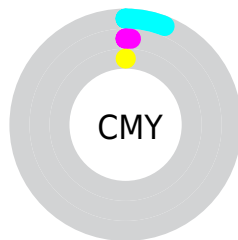
- Red (94%)
- Green (99%)
- Blue (100%)



- Red (94%)
- Yellow (96%)
- 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 88.4570, 95.1915, 108.3194 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 88.4570, 95.1915, 108.3194 by changing the saturation by 10% instead.




 88.4570, 95.1915,  
108.3194

 88.4570, 95.1915,  
108.3194


511.3117,  
544.7779, 608.0217

 67.0337, 72.2944,  
82.6108

144.0825,  
154.5291, 174.6951

 49.3828, 53.3992,  
61.3304


179.0154,  
191.7384, 216.1993

 35.1390, 38.1215,  
44.0596


219.1821,  
234.4873, 263.8058

 23.9370, 26.0770,  
30.3798

264.9481,  
283.1600, 317.9332

 15.4114, 16.8813,  
19.8726

316.6787,  
338.1410, 378.9999

 9.1968, 10.1499,  
12.1193

374.7393,

 4.9279, 5.4984,

399.8147, 447.4245

6.7014

439.4952,  
468.5656, 523.6256

■ 2.2393, 2.5426,  
3.2005

■ 0.7634, 0.8979,  
1.1979

■ 88.4570, 95.1915,  
108.3194

■ 88.4570, 95.1915,  
108.3194

■ 78.9684, 88.1053,  
107.4517

95.0500, 100.0000,  
108.9000

■ 70.6787, 81.6900,  
106.6503

■ 63.5360, 75.9211,  
105.9133

■ 57.4815, 70.7678,  
105.2377

■ 52.4512, 66.1968,  
104.6205

■ 48.3742, 62.1711,  
104.0584

■ 45.1701, 58.6487,  
103.5474

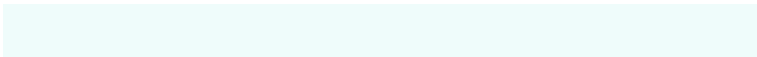
■ 42.7450, 55.5809,  
103.0830

■ 40.9817, 52.9068,  
102.6598

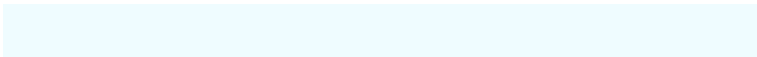
# Harmonies

## Analogous

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



87.9349, 95.1915, 104.7240



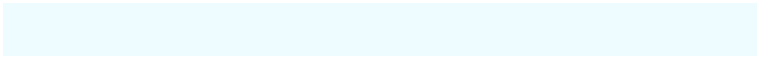
88.4570, 95.1915, 108.3194



89.5215, 95.1915, 110.7023

# Triad

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



88.4570, 95.1915, 108.3194



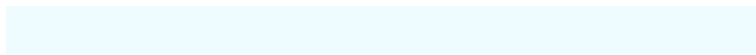
92.9076, 95.1915, 106.4169



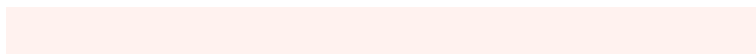
90.1026, 95.1915, 96.4709

# Complementary

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



88.4570, 95.1915, 108.3194



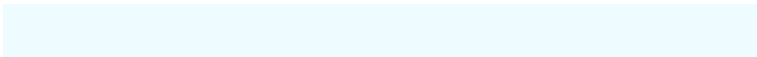
88.5713, 90.9942, 94.5583

# 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.



91.4386, 95.1915, 96.8987



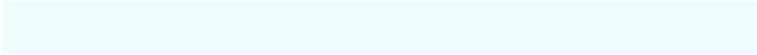
88.4570, 95.1915, 108.3194



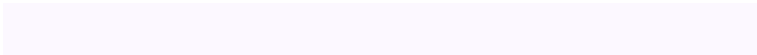
93.0670, 95.1915, 102.5781

# Square

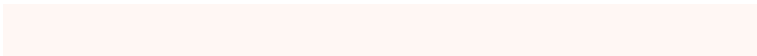
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



88.4570, 95.1915, 108.3194



92.0936, 95.1915, 109.5850



92.5268, 95.1915, 99.1116

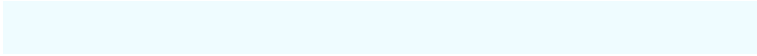


88.8787, 95.1915, 97.9282

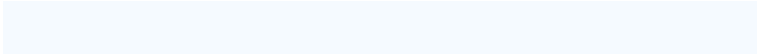


# Rectangle

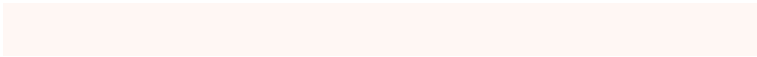
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



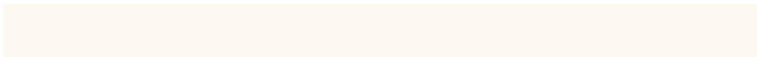
88.4570, 95.1915, 108.3194



90.4000, 95.1915, 111.2494



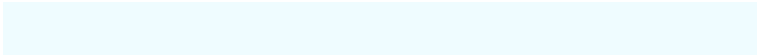
92.5268, 95.1915, 99.1116



90.5533, 95.1915, 96.3998

# Sweetspot

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



88.4594, 95.1954, 108.3200



92.8947, 98.4380, 108.7121



87.3745, 96.2780, 97.9316



19.9059, 21.0862, 23.2708



0.0000, 0.0000, 0.0000

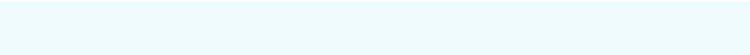


20.3446, 21.4041, 23.3091

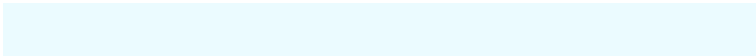


# Same Dimension

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



88.4594, 95.1954, 108.3200



86.7330, 93.9221, 108.1652



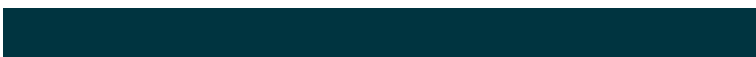
86.0184, 90.3134, 107.5063



18.2488, 19.8693, 23.1233



21.2285, 27.3666, 53.5980



2.1382, 2.8071, 5.2424



# Inverse Universe

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



89.6787, 90.0228, 104.7497



88.2752, 87.4244, 103.6390



90.9854, 95.8223, 95.3630



18.6383, 18.2386, 21.9782



27.5034, 13.4906, 32.3648

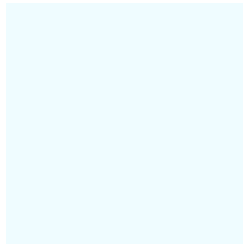


2.7139, 1.3279, 3.3406



# Previews

## White Background



This preview shows how the XYZ color 88.4570, 95.1915, 108.3194 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

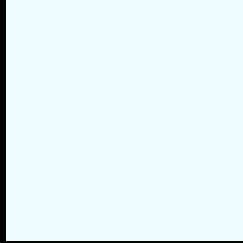
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the XYZ color 88.4570, 95.1915, 108.3194 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

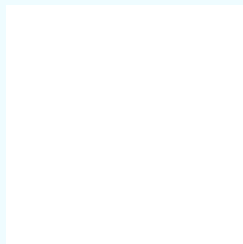
If you want to check with other color combinations, try the [Color Contrast Checker](#).

# XYZ 88.4570, 95.1915, 108.3194

## Background



This preview shows how black text looks on a background with the XYZ color 88.4570, 95.1915, 108.3194.



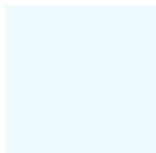
This preview shows how white text looks on a background with the XYZ color 88.4570, 95.1915,



# Color Blindness Simulation

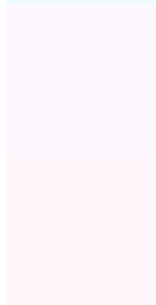
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy



### Original Color

88.4570, 95.1915, 108.3194



### Protanopia

91.8050, 95.1093, 106.4478

### Deuteranopia

91.9134, 94.7466, 104.7103

## **Tritanopia**

90.2835, 94.7455, 108.1370

# Trichromacy



**Original Color**

88.4570, 95.1915, 108.3194

**Protanomaly**

90.4765, 94.8636, 107.3078

**Deuteranomaly**

90.5133, 94.9194, 105.6462

**Tritanomaly**

89.5438, 94.8243, 108.1912

# Monochromacy



**Original Color**

88.4570, 95.1915, 108.3194

**Achromatopsia**

89.2221, 93.8686, 102.2229

**Achromatomaly**

88.9445, 94.1289, 104.7476

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 88.4570, 95.1915, 108.3194 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(239, 252, 255)` looks like.

```
.text, #text, p{  
    color:rgb(239, 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(239, 252, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 252, 255) }
```

## Border

The CSS property to change the border of an element to XYZ 88.4570, 95.1915, 108.3194 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(239, 252, 255) }
```



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

```
.border{ border-color:rgb(239, 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(239, 252, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 252, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 252, 255);  
box-shadow:4px 4px 4px 4px rgb(239, 252,  
255) }
```

# Background

The CSS property to change the background color of an element to XYZ 88.4570, 95.1915, 108.3194 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 252, 255) }
```

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

```
.background{ background-color: rgb(239,  
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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