

# Converting Colors

XYZ(108.6305, 100.0000,  
99.6364)

Have a look what the booklet for  
XYZ(108.6305, 100.0000, 99.6364)  
contains.

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# Color

**XYZ(88.5879, 89.5856,  
99.0089)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FFEFF5
RGB	255, 239, 245
RGB Percent	100%, 94%, 96%
CMY	0.0000, 0.0627, 0.0392
CMYK	0.00, 0.06, 0.04, 0.00
HSL	338°, 100%, 97%
HSV	338°, 6%, 100%
XYZ	88.5879, 89.5856, 99.0089
YIQ	244.4680, 7.6100, 5.2580

# Conversions

## Conversions Part 2

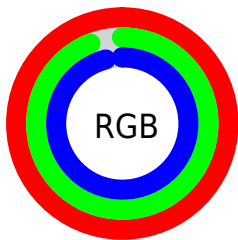
Format	Color
R <sub>Y</sub> B	255, 239, 245
Decimal	16773109
CIE Lab	95.82, 6.40, -0.96
CIE LCh	96, 6.476, 351.469
Yxy	89.5856, 0.3196, 0.3232
Android (android.graphics.Color)	4294963189 (0xFFFFE5F5)
YUV	244.4680, 0.2623, 9.2366
Hunter-Lab	94.6497, 1.4312, 4.2341

# Details

The XYZ color **88.5879, 89.5856, 99.0089** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **88.4582, 96.7116, 103.6311**, and the grayscale version is **86.3595, 90.8569, 98.9431**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **49.4075, 49.5469, 55.1036** is the 20% darker color. If you saturate the color by 10%, you get **79.3131, 74.7641, 84.4239**, and if you desaturate by 10%, it is **95.0500, 100.0000, 108.9000**.

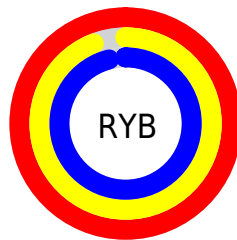
# Distribution



Red (100%)

Green (94%)

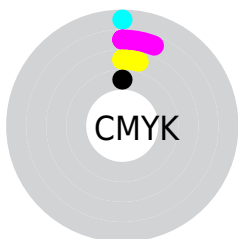
Blue (96%)



Red (100%)

Yellow (94%)

Blue (96%)

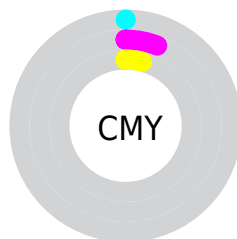


Cyan (0%)

Magenta (6%)

Yellow (4%)

Black (0%)



Cyan (0%)

Magenta (6%)


Yellow (4%)


# Brightness & Saturation Gradients

These gradients show how the XYZ color 88.5879, 89.5856, 99.0089 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 88.5879, 89.5856, 99.0089 by changing the saturation by 10% instead.




 88.5879, 89.5856,  
99.0089

 88.5879, 89.5856,  
99.0089


511.7332,  
526.6819, 578.2299

 67.1425, 67.6370,  
74.8608


144.2637,  
146.7626, 161.8345

 49.4715, 49.6025,  
54.9978


179.2248,  
182.7599, 201.3491

 35.2098, 35.0976,  
39.0014

219.4218,  
224.2087, 246.8229

 23.9918, 23.7381,  
26.4530

265.2201,  
271.4937, 298.6746

 15.4522, 15.1395,  
16.9340

316.9850,  
324.9991, 357.3226

 9.2257, 8.9173,  
10.0260

375.0819,

 4.9470, 4.6873,

385.1093, 423.1854

5.3104

439.8762,  
452.2088, 496.6817

■ 2.2506, 2.0650,  
2.3686

■ 0.7692, 0.6448,  
0.7693

■ 88.5879, 89.5856,  
99.0089

■ 88.5879, 89.5856,  
99.0089

■ 79.3131, 74.7641,  
84.4239

95.0500, 100.0000,  
108.9000

■ 71.2500, 62.0392,  
71.2501

■ 64.3482, 51.3188,  
59.4449

■ 58.5515, 42.4990,  
48.9614

■ 53.7984, 35.4671,  
39.7496

■ 50.0216, 30.0979,  
31.7562

■ 47.1449, 26.2500,  
24.9230

■ 45.0801, 23.7580,  
19.1860

■ 43.7184, 22.4164,  
14.4720

# Harmonies

## Analogous

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



87.8616, 89.5856, 103.7956



88.5879, 89.5856, 99.0089



88.3825, 89.5856, 93.9900

# Triad

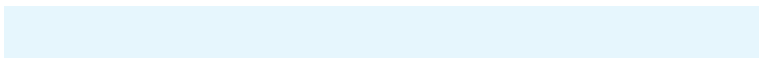
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



88.5879, 89.5856, 99.0089



83.8984, 89.5856, 88.6790



83.0283, 89.5856, 105.4366

# Complementary

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



88.5879, 89.5856, 99.0089



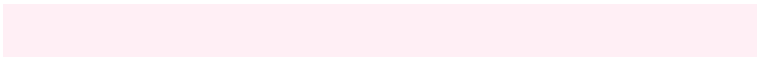
88.4582, 96.7116, 103.6311

# 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.



81.9942, 89.5856, 101.1854



88.5879, 89.5856, 99.0089



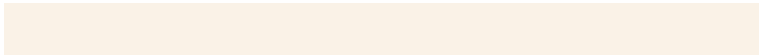
82.4917, 89.5856, 91.5476

# Square

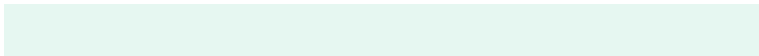
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



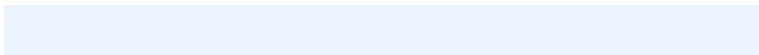
88.5879, 89.5856, 99.0089



85.6586, 89.5856, 88.1422



81.7991, 89.5856, 96.0926



84.6403, 89.5856, 107.5906

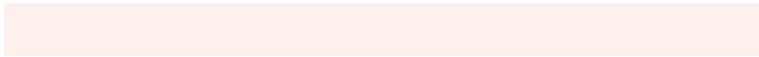


# Rectangle

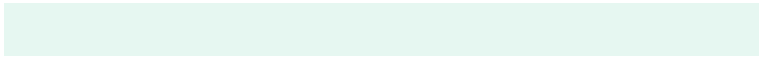
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



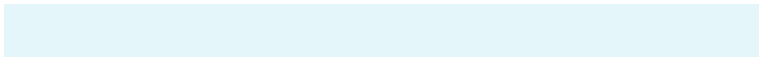
88.5879, 89.5856, 99.0089



87.7462, 89.5856, 91.1780



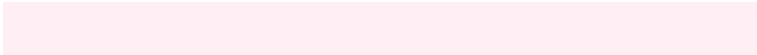
81.7991, 89.5856, 96.0926



82.6025, 89.5856, 104.1985

# Sweetspot

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



88.5900, 89.5893, 99.0108



92.9354, 96.5854, 105.6838



87.9385, 89.0723, 107.1655



19.9142, 20.7090, 22.6545



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.



88.5900, 89.5893, 99.0108



86.8981, 86.8735, 96.3875



88.2383, 90.3272, 94.4503



18.2910, 18.0997, 20.1495



22.7085, 11.5727, 7.1154



2.2619, 1.1471, 0.9608



# Inverse Universe

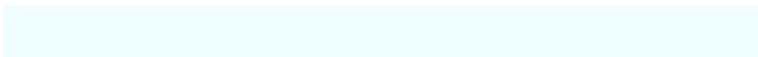
The Inverse Universe completely reimagines the original color for something new.



88.5900, 89.5893, 99.0108



86.8981, 86.8735, 96.3875



88.8163, 95.9070, 108.4385



18.2910, 18.0997, 20.1495



22.7085, 11.5727, 7.1154

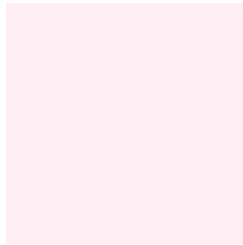


2.2619, 1.1471, 0.9608



# Previews

## White Background



This preview shows how the XYZ color 88.5879, 89.5856, 99.0089 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 88.5879, 89.5856, 99.0089 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

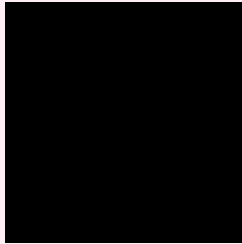
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

**XYZ 88.5879, 89.5856, 99.0089**

## **Background**



This preview shows how black text looks on a background with the XYZ color 88.5879, 89.5856, 99.0089.



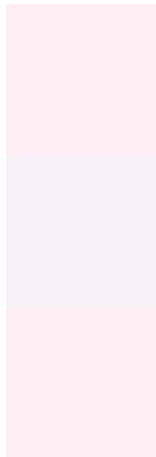
This preview shows how white text looks on a background with the XYZ color 88.5879, 89.5856,



# 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

88.5879, 89.5856, 99.0089

### Protanopia

86.5467, 89.8125, 100.7697

### Deuteranopia

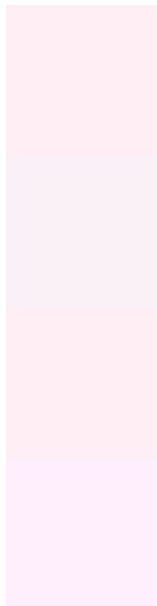
88.4356, 89.5247, 98.2069



## Tritanopia

89.7039, 89.5648, 106.3258

# Trichromacy



## Original Color

88.5879, 89.5856, 99.0089

## Protanomaly

87.1568, 89.7042, 99.9098

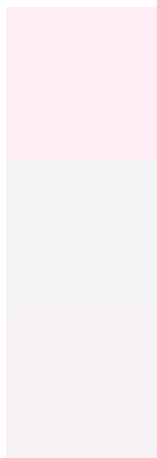
## Deuteranomaly

88.4356, 89.5247, 98.2069

## Tritanomaly

89.2271, 89.3741, 103.8149

# Monochromacy



## Original Color

88.5879, 89.5856, 99.0089

## Achromatopsia

85.9880, 90.4661, 98.5176

## Achromatomaly

86.7927, 89.9924, 98.3838

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 88.5879, 89.5856, 99.0089 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(255, 239, 245)` looks like.

```
.text, #text, p{  
    color:rgb(255, 239, 245)  
}
```

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(255, 239, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 239, 245) }
```

## Border

The CSS property to change the border of an element to XYZ 88.5879, 89.5856, 99.0089 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(255, 239, 245) }
```



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

```
.border{ border-color:rgb(255, 239, 245) }
```

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

Here you see how a box with a 4 pixel rgb(255, 239, 245) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 239, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 239, 245);  
box-shadow:4px 4px 4px 4px rgb(255, 239,  
245) }
```

# Background

The CSS property to change the background color of an element to XYZ 88.5879, 89.5856, 99.0089 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 239, 245) }
```

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

```
.background{ background-color: rgb(255,  
239, 245) }
```

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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