

Converting Colors

XYZ(88.0509, 89.3549, 96.2298)

Have a look what the booklet for
XYZ(88.0509, 89.3549, 96.2298)
contains.

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Color

**XYZ(88.1335, 89.4038,
96.6159)**

Conversions

Conversions Part 1

Format	Color
Hex	FFEFF2
RGB	255, 239, 242
RGB Percent	100%, 94%, 95%
CMY	0.0000, 0.0627, 0.0510
CMYK	0.00, 0.06, 0.05, 0.00
HSL	349°, 100%, 97%
HSV	349°, 6%, 100%
XYZ	88.1335, 89.4038, 96.6159
YIQ	244.1260, 8.5730, 4.3250

Conversions

Conversions Part 2

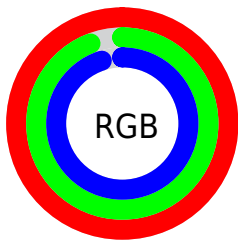
Format	Color
R _Y B	255, 239, 242
Decimal	16773106
CIE Lab	95.75, 5.89, 0.48
CIE LCh	96, 5.914, 4.681
Yxy	89.4038, 0.3215, 0.3261
Android (android.graphics.Color)	4294963186 (0xFFFEFF2)
YUV	244.1260, -1.0481, 9.5365
Hunter-Lab	94.5536, 0.9113, 5.6043

Details

The XYZ color **88.1335, 89.4038, 96.6159** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **88.9300, 96.9003, 106.1156**, and the grayscale version is **86.0950, 90.5787, 98.6402**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **49.0851, 49.4179, 53.4059** is the 20% darker color. If you saturate the color by 10%, you get **78.2499, 74.3387, 78.8253**, and if you desaturate by 10%, it is **95.0500, 100.0000, 108.9000**.

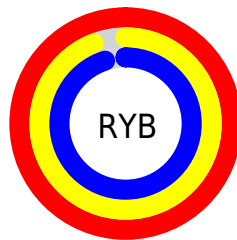
Distribution



Red (100%)

Green (94%)

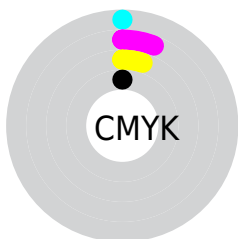
Blue (95%)



Red (100%)

Yellow (94%)

Blue (95%)

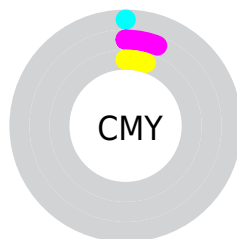


Cyan (0%)

Magenta (6%)

Yellow (5%)

Black (0%)



Cyan (0%)


Magenta (6%)


Yellow (5%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 88.1335, 89.4038, 96.6159 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 88.1335, 89.4038, 96.6159 by changing the saturation by 10% instead.

 88.1335, 89.4038,
96.6159

 88.1335, 89.4038,
96.6159


510.2692,
526.0895, 570.4412

 66.7648, 67.4863,
72.8763

143.6346,
146.5100, 158.5099

 49.1635, 49.4799,
53.3836


178.4977,
182.4674, 197.5014

 34.9643, 35.0003,
37.7193


218.5896,
223.8736, 242.4139

 23.8017, 23.6631,
25.4648

264.2757,
271.1129, 293.6660

 15.3106, 15.0839,
16.2015

315.9214,
324.5697, 351.6763

 9.1254, 8.8783,
9.5109

373.8919,

 4.8808, 4.6619,

384.6285, 416.8632

4.9746

438.5527,
451.6737, 489.6453

■ 2.2115, 2.0503,
2.1739

■ 0.7488, 0.6364,
0.6592

■ 88.1335, 89.4038,
96.6159

■ 88.1335, 89.4038,
96.6159

■ 78.2499, 74.3387,
78.8253

95.0500, 100.0000,
108.9000

■ 69.7147, 61.4251,
63.1653

■ 62.4705, 50.5677,
49.5571

■ 56.4537, 41.6599,
37.9148

■ 51.5950, 34.5857,
28.1463

■ 47.8180, 29.2164,
20.1522

■ 45.0371, 25.4068,
13.8234

■ 43.1530, 22.9871,
9.0383

■ 42.0445, 21.7469,
5.6574

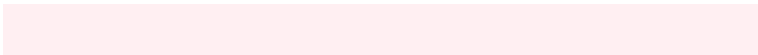
Harmonies

Analogous

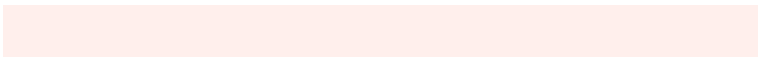
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



87.8365, 89.4038, 101.2297



88.1335, 89.4038, 96.6159



87.5756, 89.4038, 92.3336

Triad

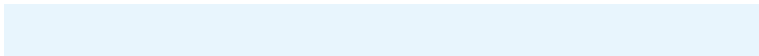
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



88.1335, 89.4038, 96.6159



83.2071, 89.4038, 90.1586



83.6441, 89.4038, 105.6754

Complementary

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



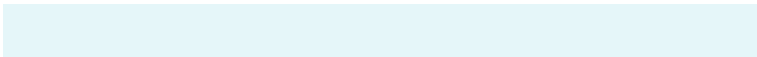
88.1335, 89.4038, 96.6159



88.9300, 96.9003, 106.1156

Split Complementary

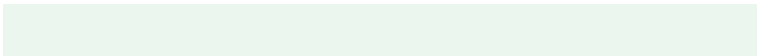
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



82.4276, 89.4038, 102.5357



88.1335, 89.4038, 96.6159



82.1776, 89.4038, 93.5620

Square

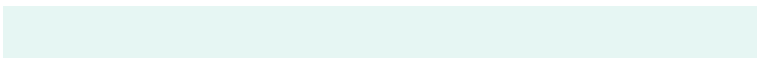
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



88.1335, 89.4038, 96.6159



84.7205, 89.4038, 88.6819



81.8941, 89.4038, 98.0788



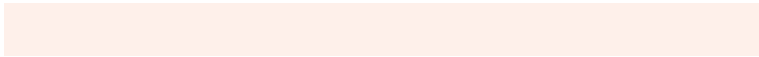
85.2313, 89.4038, 106.5558

Rectangle

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



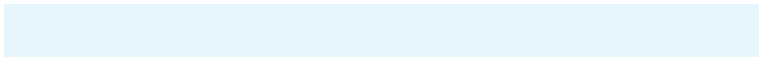
88.1335, 89.4038, 96.6159



86.7981, 89.4038, 90.2131



81.8941, 89.4038, 98.0788



83.1789, 89.4038, 104.8444

Sweetspot

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



88.1355, 89.4074, 96.6178



92.7843, 96.5250, 104.8881



88.9912, 89.6149, 107.2148



19.8834, 20.6967, 22.4925



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

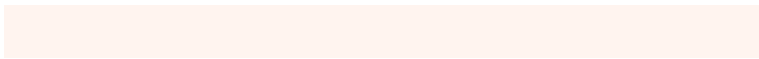
The Same Dimension uses a secret algorithm to generate beautiful new colors.



88.1355, 89.4074, 96.6178



86.3285, 86.6457, 93.3877



89.1127, 92.0760, 94.7417



18.1483, 18.0426, 19.3983



21.8645, 11.2351, 2.6709



2.1641, 1.1080, 0.4457

Inverse Universe

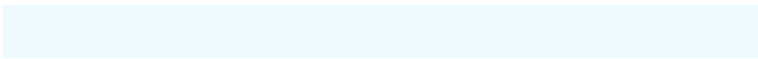
The Inverse Universe completely reimagines the original color for something new.



88.1355, 89.4074, 96.6178



86.3285, 86.6457, 93.3877



87.8970, 94.0685, 108.1321



18.1483, 18.0426, 19.3983



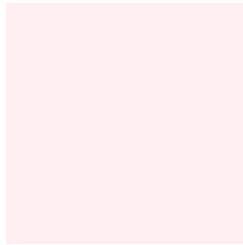
21.8645, 11.2351, 2.6709



2.1641, 1.1080, 0.4457

Previews

White Background



This preview shows how the XYZ color 88.1335, 89.4038, 96.6159 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 88.1335, 89.4038, 96.6159 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

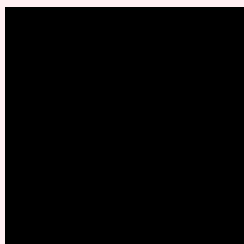
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

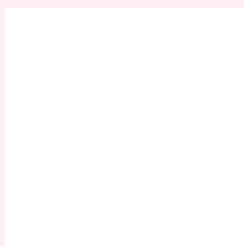
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 88.1335, 89.4038, 96.6159

Background



This preview shows how black text looks on a background with the XYZ color 88.1335, 89.4038, 96.6159.

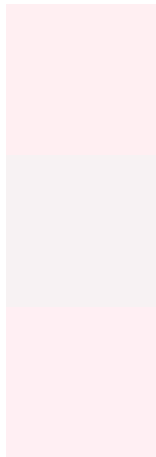


This preview shows how white text looks on a background with the XYZ color 88.1335, 89.4038,

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

88.1335, 89.4038, 96.6159

Protanopia

86.2876, 89.7495, 97.5696

Deuteranopia

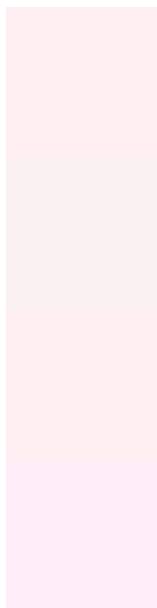
88.2842, 89.4641, 97.4092



Tritanopia

89.7039, 89.5648, 106.3258

Trichromacy



Original Color

88.1335, 89.4038, 96.6159

Protanomaly

87.0573, 89.7057, 97.5205

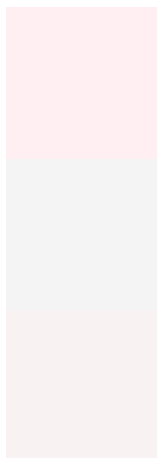
Deuteranomaly

88.2842, 89.4641, 97.4092

Tritanomaly

89.0699, 89.3112, 102.9868

Monochromacy



Original Color

88.1335, 89.4038, 96.6159

Achromatopsia

85.9880, 90.4661, 98.5176

Achromatomaly

86.6412, 89.9318, 97.5861

CSS Examples

Text

The CSS property to change the color of the text to XYZ 88.1335, 89.4038, 96.6159 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, 242)` looks like.

```
.text, #text, p{  
    color:rgb(255, 239, 242)  
}
```

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, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 239, 242) }
```

Border

The CSS property to change the border of an element to XYZ 88.1335, 89.4038, 96.6159 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, 242) }
```


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

```
.border{ border-color:rgb(255, 239, 242) }
```

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, 242) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 239, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 239, 242);  
box-shadow:4px 4px 4px 4px rgb(255, 239,  
242) }
```

Background

The CSS property to change the background color of an element to XYZ 88.1335, 89.4038, 96.6159 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, 242) }
```

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

```
.background{ background-color: rgb(255,  
239, 242) }
```

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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