

Converting Colors

XYZ(89.8734, 100.0000,
95.8674)

Have a look what the booklet for
XYZ(89.8734, 100.0000, 95.8674)
contains.

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Color

**XYZ(88.3021, 96.8067,
95.6929)**

Conversions

Conversions Part 1

Format	Color
Hex	F3FFEF
RGB	243, 255, 239
RGB Percent	95%, 100%, 94%
CMY	0.0471, 0.0000, 0.0627
CMYK	0.05, 0.00, 0.06, 0.00
HSL	105°, 100%, 97%
HSV	105°, 6%, 100%
XYZ	88.3021, 96.8067, 95.6929
YIQ	249.5880, -2.0160, -7.5200

Conversions

Conversions Part 2

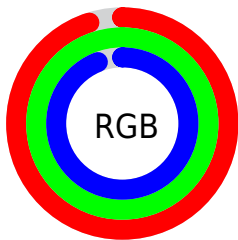
Format	Color
R_{YB}	239, 255, 251
Decimal	15990767
CIE _{Lab}	98.75, -6.74, 6.27
CIE _{LCh}	99, 9.207, 137.045
Yxy	96.8067, 0.3145, 0.3448
Android (android.graphics.Color)	4294180847 (0xFFFF3FEEF)
YUV	249.5880, -5.2199, -5.7777
Hunter-Lab	98.3904, -11.9854, 11.2088

Details

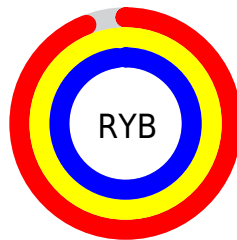
The XYZ color 88.3021, 96.8067, 95.6929 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 88.7009, 89.4634, 107.2009, and the grayscale version is 90.5687, 95.2853, 103.7657.

A 20% lighter version of the original color is 95.0500, 100.0000, 108.9000, and 49.2348, 54.3719, 52.6996 is the 20% darker color. If you saturate the color by 10%, you get 78.5362, 92.1771, 76.9380, and if you desaturate by 10%, it is 95.0500, 100.0000, 108.9000.

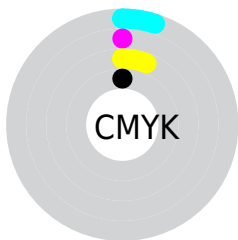
Distribution



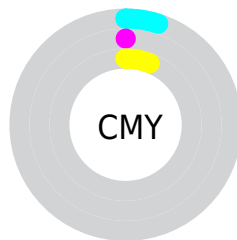
- Red (95%)
- Green (100%)
- Blue (94%)



- Red (94%)
- Yellow (100%)
- Blue (98%)



- Cyan (5%)
- Magenta (0%)
- Yellow (6%)
- Black (0%)





- Cyan (5%)
- Magenta (0%)
- Yellow (6%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 88.3021, 96.8067, 95.6929 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 88.3021, 96.8067, 95.6929 by changing the saturation by 10% instead.

 88.3021, 96.8067,
95.6929

 88.3021, 96.8067,
95.6929


510.8126,
549.9329, 567.4218

 66.9049, 73.6396,
72.1117


143.8680,
156.7583, 157.2253

 49.2778, 54.4991,
52.7626


178.7675,
194.3116, 196.0137

 35.0553, 39.0008,
37.2268


218.8985,
237.4290, 240.7082

 23.8722, 26.7604,
25.0860

264.6262,
286.4951, 291.7274

 15.3631, 17.3933,
15.9215

316.3162,
341.8941, 349.4898

 9.1626, 10.5153,
9.3149

374.3336,

 4.9053, 5.7420,

404.0105, 414.4139

4.8475

439.0440,
473.2286, 486.9184

■ 2.2260, 2.6888,
2.1009

■ 0.7564, 0.9715,
0.6163

■ 88.3021, 96.8067,
95.6929

■ 88.3021, 96.8067,
95.6929

■ 78.5362, 92.1771,
76.9380

95.0500, 100.0000,
108.9000

■ 69.9455, 88.0947,
60.8955

■ 62.4852, 84.5388,
47.4411

■ 56.1066, 81.4874,
36.4391

■ 50.7571, 78.9166,
27.7415

■ 46.3796, 76.8006,
21.1840

■ 42.9111, 75.1108,
16.5810

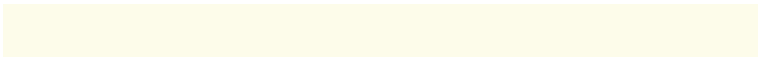
■ 40.2799, 73.8150,
13.7150

■ 38.4014, 72.8757,
12.3153

Harmonies

Analogous

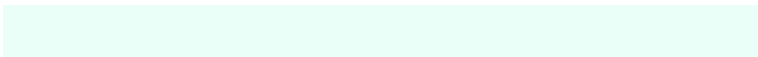
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



90.5139, 96.8067, 91.9532



88.3021, 96.8067, 95.6929



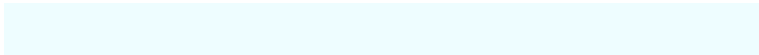
87.0945, 96.8067, 102.1413

Triad

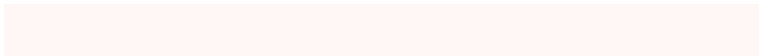
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



88.3021, 96.8067, 95.6929



90.8647, 96.8067, 120.4078



97.0125, 96.8067, 101.1509

Complementary

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



88.3021, 96.8067, 95.6929



88.7009, 89.4634, 107.2009

Split Complementary

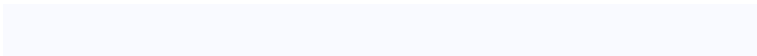
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



97.1109, 96.8067, 108.7396



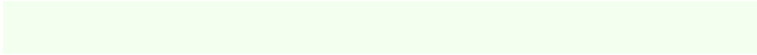
88.3021, 96.8067, 95.6929



93.5263, 96.8067, 120.1109

Square

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



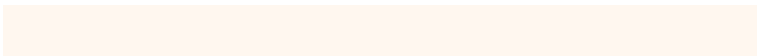
88.3021, 96.8067, 95.6929



88.5547, 96.8067, 116.5476



95.8241, 96.8067, 115.7552



95.5579, 96.8067, 94.9982

Rectangle

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



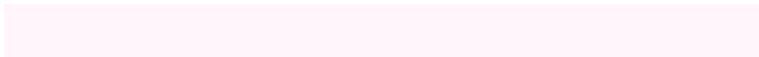
88.3021, 96.8067, 95.6929



87.0059, 96.8067, 107.2214



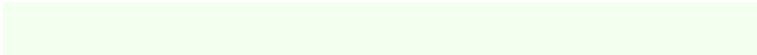
95.8241, 96.8067, 115.7552



97.2063, 96.8067, 103.6113

Sweetspot

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



88.3029, 96.8070, 95.6944



92.8464, 98.9576, 104.5675



91.3176, 96.4868, 95.4737



19.8961, 21.1919, 22.4271



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.



88.3029, 96.8070, 95.6944



86.5310, 95.9678, 92.2576



87.5351, 96.3422, 98.7774



18.1970, 20.3875, 19.1204



19.8954, 37.9945, 6.2851



2.0319, 3.7483, 0.6164

Inverse Universe

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



88.7009, 89.4634, 107.2009



87.0325, 86.7134, 106.7580



89.5197, 89.9592, 103.9128



18.3231, 18.0583, 22.7698



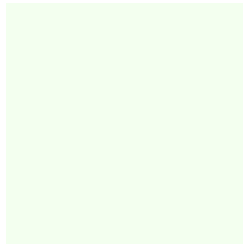
20.8353, 9.6515, 50.1994



2.1284, 0.9912, 4.8924

Previews

White Background



This preview shows how the XYZ color 88.3021, 96.8067, 95.6929 looks on a white background.

Color Contrast Check

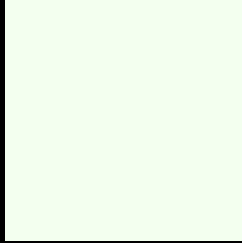
Large Text (above 18pt) WCAG AA × Fail

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 88.3021, 96.8067, 95.6929 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

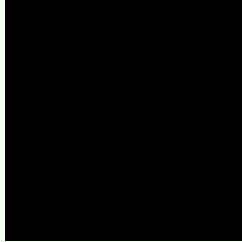
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

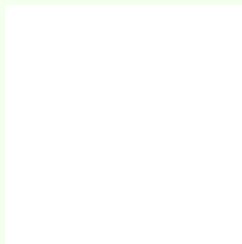
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 88.3021, 96.8067, 95.6929

Background



This preview shows how black text looks on a background with the XYZ color 88.3021, 96.8067, 95.6929.



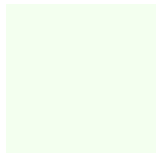
This preview shows how white text looks on a background with the XYZ color 88.3021, 96.8067,

95.6 29.

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

88.3021, 96.8067, 95.6929

Protanopia

92.0663, 96.7860, 99.4171

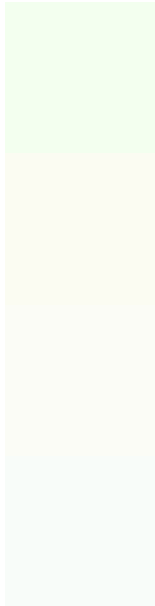
Deuteranopia

92.6809, 96.5333, 104.1905

Tritanopia

92.3308, 96.7236, 108.4109

Trichromacy



Original Color

88.3021, 96.8067, 95.6929

Protanomaly

90.6211, 96.5408, 97.8624

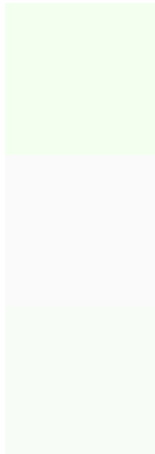
Deuteranomaly

91.2286, 96.7839, 101.0617

Tritanomaly

90.6207, 96.4168, 103.4566

Monochromacy



Original Color

88.3021, 96.8067, 95.6929

Achromatopsia

90.8653, 95.5973, 104.1055

Achromatomaly

89.8027, 96.0488, 100.9949

CSS Examples

Text

The CSS property to change the color of the text to XYZ 88.3021, 96.8067, 95.6929 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(243, 255, 239)` looks like.

```
.text, #text, p{  
    color:rgb(243, 255, 239)  
}
```

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(243, 255, 239) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 255, 239) }
```

Border

The CSS property to change the border of an element to XYZ 88.3021, 96.8067, 95.6929 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(243, 255, 239) }
```


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

```
.border{ border-color:rgb(243, 255, 239) }
```

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

Here you see how a box with a 4 pixel `rgb(243, 255, 239)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 255, 239); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 255, 239);  
box-shadow:4px 4px 4px 4px rgb(243, 255,  
239) }
```

Background

The CSS property to change the background color of an element to XYZ 88.3021, 96.8067, 95.6929 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 255, 239) }
```

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

```
.background{ background-color: rgb(243,  
255, 239) }
```

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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