

Converting Colors

XYZ(89.8803, 97.1614,
100.6826)

Have a look what the booklet for
XYZ(89.8803, 97.1614, 100.6826)
contains.

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Color

**XYZ(89.5794, 96.8887,
100.3662)**

Conversions

Conversions Part 1

Format	Color
Hex	F5FEF5
RGB	245, 254, 245
RGB Percent	96%, 100%, 96%
CMY	0.0392, 0.0039, 0.0392
CMYK	0.04, 0.00, 0.04, 0.00
HSL	120°, 82%, 98%
HSV	120°, 4%, 100%
XYZ	89.5794, 96.8887, 100.3662
YIQ	250.2830, -2.4750, -4.7070

Conversions

Conversions Part 2

Format	Color
RYB	245, 254, 254
Decimal	16121589
CIELab	98.78, -4.54, 3.26
CIELCh	99, 5.587, 144.297
Yxy	96.8887, 0.3123, 0.3378
Android (android.graphics.Color)	4294311669 (0xFFFF5FEF5)
YUV	250.2830, -2.6045, -4.6332
Hunter-Lab	98.4321, -9.8098, 8.4474

Details

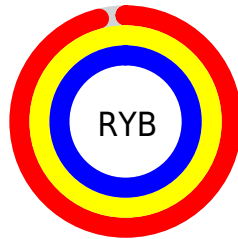
The XYZ color 89.5794, 96.8887, 100.3662 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 91.4184, 93.5338, 107.0063, and the grayscale version is 91.1250, 95.8706, 104.4031.

A 20% lighter version of the original color is 95.0500, 100.0000, 108.9000, and 50.1378, 54.4254, 56.0067 is the 20% darker color. If you saturate the color by 10%, you get 77.7038, 91.1871, 80.9395, and if you desaturate by 10%, it is 94.7337, 99.3674, 108.7946.

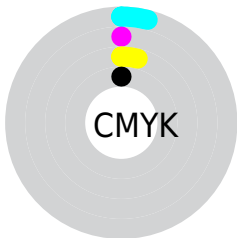
Distribution



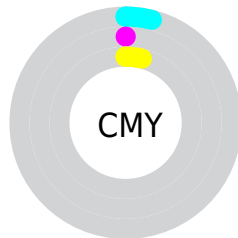
- Red (96%)
- Green (100%)
- Blue (96%)



- Red (96%)
- Yellow (100%)
- Blue (100%)



- Cyan (4%)
- Magenta (0%)
- Yellow (4%)
- Black (0%)




- Cyan (4%)
- Magenta (0%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 89.5794, 96.8887, 100.3662 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 89.5794, 96.8887, 100.3662 by changing the saturation by 10% instead.


 89.5794, 96.8887,
100.3662

 89.5794, 96.8887,
100.3662


514.9200,
550.1939, 582.6228

 67.9670, 73.7079,
75.9878


145.6353,
156.8714, 163.7166

 50.1444, 54.5550,
55.9159


180.8096,
194.4420, 203.5257

 35.7465, 39.0456,
39.7320


221.2351,
237.5781, 249.3154

 24.4076, 26.7952,
27.0174

267.2773,
286.6641, 301.5044

 15.7627, 17.4195,
17.3538

319.3016,
342.0842, 360.5110

 9.4461, 10.5340,
10.3224

377.6732,

 5.0927, 5.7544,

404.2230, 426.7540

5.5049

442.7576,
473.4648, 500.6517

■ 2.3371, 2.6963,
2.4825

■ 0.8135, 0.9753,
0.8309

■ 89.5794, 96.8887,
100.3662

■ 89.5794, 96.8887,
100.3662

■ 77.7038, 91.1871,
80.9395

94.7337, 99.3674,
108.7946

■ 67.5036, 86.2874,
64.2554

■ 58.9058, 82.1575,
50.1922

■ 51.8291, 78.7582,
38.6170

■ 46.1849, 76.0470,
29.3848

■ 41.8756, 73.9770,
22.3359

■ 38.7912, 72.4954,
17.2907

■ 36.8047, 71.5412,
14.0411

■ 35.7608, 71.0397,
12.3334

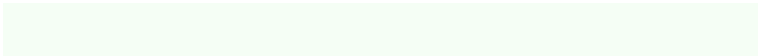
Harmonies

Analogous

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



90.8120, 96.8887, 97.5592



89.5794, 96.8887, 100.3662



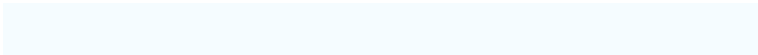
89.0200, 96.8887, 104.6098

Triad

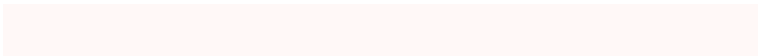
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



89.5794, 96.8887, 100.3662



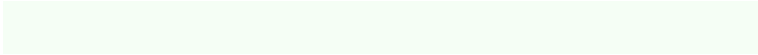
91.7801, 96.8887, 114.6386



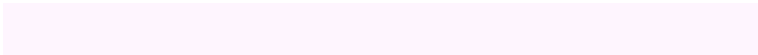
94.9628, 96.8887, 101.8613

Complementary

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



89.5794, 96.8887, 100.3662



91.4184, 93.5338, 107.0063

Split Complementary

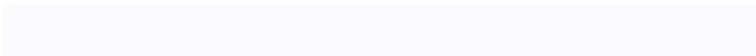
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



95.2293, 96.8887, 106.3858



89.5794, 96.8887, 100.3662



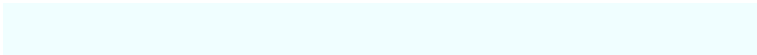
93.3795, 96.8887, 113.8506

Square

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



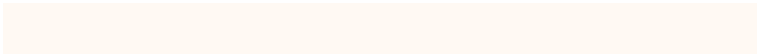
89.5794, 96.8887, 100.3662



90.2810, 96.8887, 112.9189



94.6467, 96.8887, 110.7963



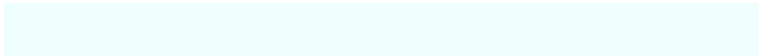
93.9226, 96.8887, 98.4045

Rectangle

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



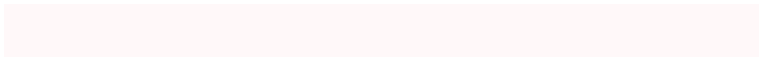
89.5794, 96.8887, 100.3662



89.0994, 96.8887, 107.7173



94.6467, 96.8887, 110.7963



95.1464, 96.8887, 103.3042

Sweetspot

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



89.5821, 96.8929, 100.3683



93.7102, 99.3564, 106.7085



92.8006, 98.5521, 100.5187



20.0720, 21.2731, 22.8631



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.



89.5821, 96.8929, 100.3683



89.7974, 97.4769, 100.3086



90.2780, 97.1712, 104.0328



19.0157, 20.7658, 21.1354



18.6854, 37.3708, 6.2286



1.8193, 3.6387, 0.6065

Inverse Universe

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



91.4184, 93.5338, 107.0063



91.8819, 93.6638, 107.8437



90.7057, 93.2487, 103.2531



19.5431, 19.8010, 23.0418



30.9796, 14.8811, 50.6706



3.0164, 1.4489, 4.9337

Previews

White Background



This preview shows how the XYZ color 89.5794, 96.8887, 100.3662 looks on a white background.

Color Contrast Check

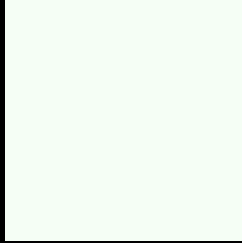
Large Text (above 18pt) WCAG AA × Fail

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 89.5794, 96.8887, 100.3662 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

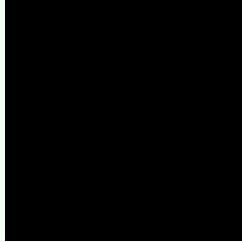
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 89.5794, 96.8887, 100.3662

Background



This preview shows how black text looks on a background with the XYZ color 89.5794, 96.8887, 100.3662.



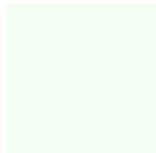
This preview shows how white text looks on a background with the XYZ color 89.5794, 96.8887,

100.562.

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

89.5794, 96.8887, 100.3662



Protanopia

92.5257, 96.9698, 101.8361

Deuteranopia

92.8382, 96.5962, 105.0186

Tritanopia

92.3308, 96.7236, 108.4109

Trichromacy



Original Color

89.5794, 96.8887, 100.3662

Protanomaly

91.2286, 96.7839, 101.0617

Deuteranomaly

91.3797, 96.3431, 103.4024

Tritanomaly

91.2899, 96.7256, 105.1252

Monochromacy



Original Color

89.5794, 96.8887, 100.3662

Achromatopsia

90.8653, 95.5973, 104.1055

Achromatomaly

90.1519, 95.7281, 102.5328

CSS Examples

Text

The CSS property to change the color of the text to XYZ 89.5794, 96.8887, 100.3662 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(245, 254, 245) looks like.

```
.text, #text, p{  
    color:rgb(245, 254, 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(245, 254, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 254, 245) }
```

Border

The CSS property to change the border of an element to XYZ 89.5794, 96.8887, 100.3662 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(245, 254, 245) }
```


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

```
.border{ border-color:rgb(245, 254, 245) }
```

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

Here you see how a box with a 4 pixel rgb(245, 254, 245) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 254, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 254, 245);  
box-shadow:4px 4px 4px 4px rgb(245, 254,  
245) }
```

Background

The CSS property to change the background color of an element to XYZ 89.5794, 96.8887, 100.3662 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 254, 245) }
```

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

```
.background{ background-color: rgb(245,  
254, 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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