

Converting Colors

XYZ(88.2892, 94.7205,
100.6699)

Have a look what the booklet for
XYZ(88.2892, 94.7205, 100.6699)
contains.

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Color

**XYZ(88.4400, 94.8813,
100.8414)**

Conversions

Conversions Part 1

Format	Color
Hex	F4FBF6
RGB	244, 251, 246
RGB Percent	96%, 98%, 96%
CMY	0.0431, 0.0157, 0.0353
CMYK	0.03, 0.00, 0.02, 0.02
HSL	137°, 47%, 97%
HSV	137°, 3%, 98%
XYZ	88.4400, 94.8813, 100.8414
YIQ	248.3370, -2.5670, -3.0390

Conversions

Conversions Part 2

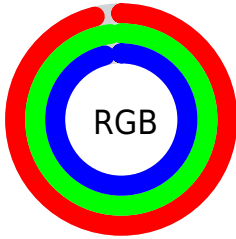
Format	Color
R_{YB}	244, 249, 251
Decimal	16055286
CIE _{Lab}	97.99, -3.18, 1.58
CIE _{LCh}	98, 3.553, 153.639
Yxy	94.8813, 0.3112, 0.3339
Android (android.graphics.Color)	4294245366 (0xFFFF4FBF6)
YUV	248.3370, -1.1521, -3.8035
Hunter-Lab	97.4070, -8.3945, 6.8045

Details

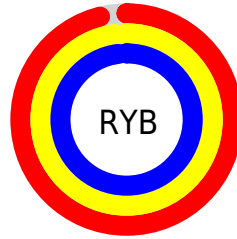
The XYZ color 88.4400, 94.8813, 100.8414 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 89.2368, 92.0527, 102.6920, and the grayscale version is 89.5118, 94.1734, 102.5548.

A 20% lighter version of the original color is 95.0500, 100.0000, 108.9000, and 49.5484, 53.4393, 56.4185 is the 20% darker color. If you saturate the color by 10%, you get 77.6958, 89.6480, 86.6575, and if you desaturate by 10%, it is 93.7890, 97.4780, 108.4797.

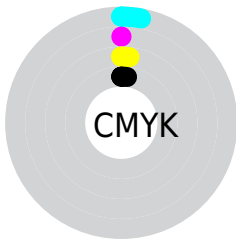
Distribution



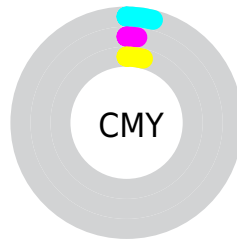
- Red (96%)
- Green (98%)
- Blue (96%)



- Red (96%)
- Yellow (98%)
- Blue (98%)



- Cyan (3%)
- Magenta (0%)
- Yellow (2%)
- Black (2%)





- Cyan (4%)
- Magenta (2%)
- Yellow (4%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 88.4400, 94.8813, 100.8414 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 88.4400, 94.8813, 100.8414 by changing the saturation by 10% instead.


 88.4400, 94.8813,
100.8414

 88.4400, 94.8813,
100.8414

511.2569,
543.7849, 584.1566

 67.0195, 72.0362,
76.3826


144.0590,
154.1006, 164.3749

 49.3712, 53.1882,
56.2378


178.9882,
191.2436, 204.2868

 35.1298, 37.9531,
39.9883


219.1510,
233.9213, 250.1867

 23.9299, 25.9463,
27.2157

264.9128,
282.5182, 302.4932

 15.4061, 16.7834,
17.5014

316.6390,
337.4186, 361.6250

 9.1930, 10.0802,
10.4269

374.6948,

 4.9254, 5.4522,

399.0069, 428.0004

5.5736

439.4457,
467.6675, 502.0381

■ 2.2379, 2.5149,
2.5230

■ 0.7626, 0.8841,
0.8523

■ 88.4400, 94.8813,
100.8414

■ 88.4400, 94.8813,
100.8414

■ 77.6958, 89.6480,
86.6575

■ 93.7890, 97.4780,
108.4797

■ 68.3457, 85.1009,
73.8851

■ 60.3338, 81.2146,
62.4827

■ 53.5970, 77.9578,
52.4045

■ 48.0674, 75.2963,
43.6019

■ 43.6703, 73.1927,
36.0237

■ 40.3224, 71.6052,
29.6149

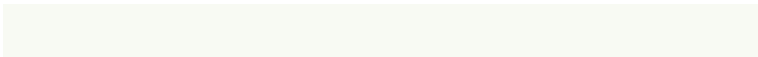
■ 37.9285, 70.4859,
24.3163

■ 36.3742, 69.7771,
20.0630

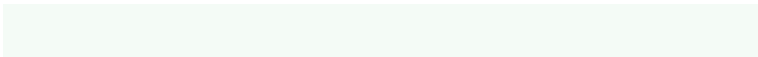
Harmonies

Analogous

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



89.1023, 94.8813, 98.7142



88.4400, 94.8813, 100.8414



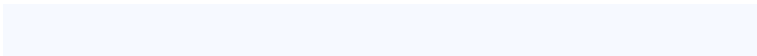
88.2432, 94.8813, 103.6657

Triad

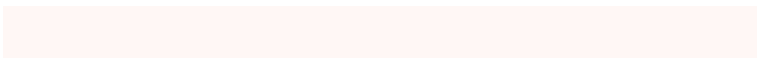
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



88.4400, 94.8813, 100.8414



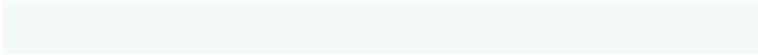
90.3061, 94.8813, 109.0034



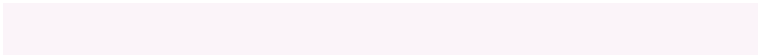
91.8206, 94.8813, 100.2364

Complementary

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



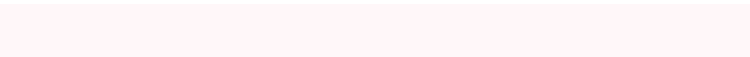
88.4400, 94.8813, 100.8414



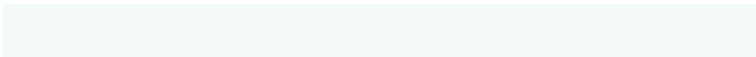
89.2368, 92.0527, 102.6920

Split Complementary

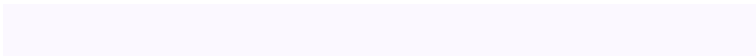
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



92.1486, 94.8813, 102.9543



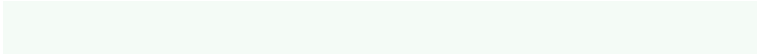
88.4400, 94.8813, 100.8414



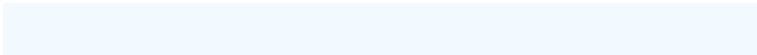
91.2701, 94.8813, 108.0454

Square

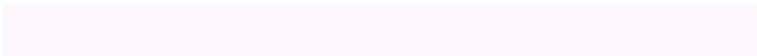
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



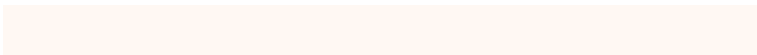
88.4400, 94.8813, 100.8414



89.3158, 94.8813, 108.4123



91.9464, 94.8813, 105.8178



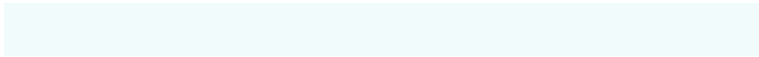
91.0534, 94.8813, 98.3696

Rectangle

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



88.4400, 94.8813, 100.8414



88.4012, 94.8813, 105.5729



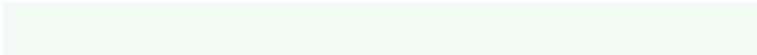
91.9464, 94.8813, 105.8178



91.9862, 94.8813, 101.0789

Sweetspot

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



88.4427, 94.8854, 100.8435



93.8261, 99.4028, 107.3189



89.9030, 95.6734, 99.3178



20.0955, 21.2826, 22.9873



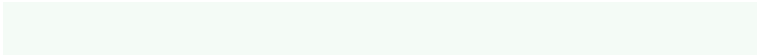
0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

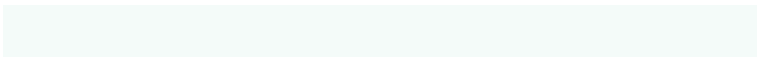
The Same Dimension uses a secret algorithm to generate beautiful new colors.



88.4427, 94.8854, 100.8435



91.4237, 98.2308, 104.2021



88.9830, 95.1015, 103.6889



18.5409, 20.0340, 21.1011



18.7962, 36.5315, 9.5362



1.7844, 3.4009, 1.1124

Inverse Universe

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



89.2368, 92.0527, 102.6920



92.3081, 95.0759, 106.2609



88.6978, 91.8371, 99.8539



18.7688, 19.2208, 21.6317



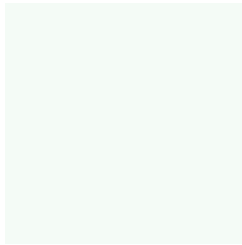
25.2722, 12.5246, 23.9399



2.3863, 1.1782, 2.4575

Previews

White Background



This preview shows how the XYZ color 88.4400, 94.8813, 100.8414 looks on a white background.

Color Contrast Check

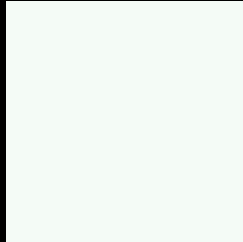
Large Text (above 18pt) WCAG AA × Fail

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 88.4400, 94.8813, 100.8414 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

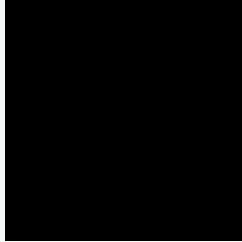
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

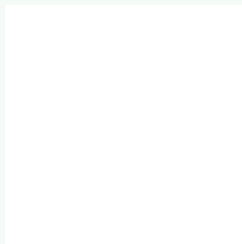
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 88.4400, 94.8813, 100.8414

Background



This preview shows how black text looks on a background with the XYZ color 88.4400, 94.8813, 100.8414.



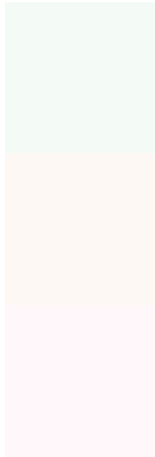
This preview shows how white text looks on a background with the XYZ color 88.4400, 94.8813,

100.8114.

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

88.4400, 94.8813, 100.8414

Protanopia

90.7696, 94.7373, 99.0900

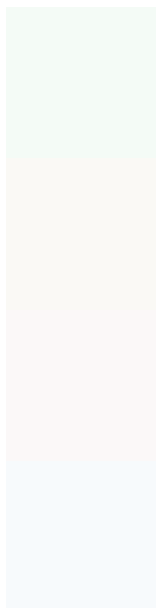
Deuteranopia

91.5996, 94.6211, 103.0584

Tritanopia

90.9926, 95.1111, 108.1702

Trichromacy



Original Color

88.4400, 94.8813, 100.8414

Protanomaly

89.7815, 94.6679, 99.9269

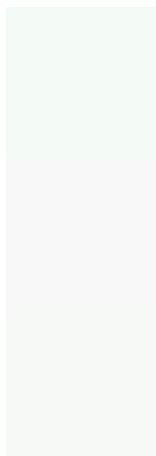
Deuteranomaly

90.2943, 94.4213, 102.2731

Tritanomaly

90.1141, 95.1736, 105.7163

Monochromacy



Original Color

88.4400, 94.8813, 100.8414

Achromatopsia

89.2221, 93.8686, 102.2229

Achromatomaly

89.0220, 94.2409, 101.4940

CSS Examples

Text

The CSS property to change the color of the text to XYZ 88.4400, 94.8813, 100.8414 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(244, 251, 246)` looks like.

```
.text, #text, p{  
    color:rgb(244, 251, 246)  
}
```

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(244, 251, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 251, 246) }
```

Border

The CSS property to change the border of an element to XYZ 88.4400, 94.8813, 100.8414 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(244, 251, 246) }
```


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

```
.border{ border-color:rgb(244, 251, 246) }
```

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

Here you see how a box with a 4 pixel `rgb(244, 251, 246)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 251, 246); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 251, 246);  
box-shadow:4px 4px 4px 4px rgb(244, 251,  
246) }
```

Background

The CSS property to change the background color of an element to XYZ 88.4400, 94.8813, 100.8414 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 251, 246) }
```

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

```
.background{ background-color: rgb(244,  
251, 246) }
```

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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