

Converting Colors

XYZ(88.3758, 94.9163,
100.1354)

Have a look what the booklet for
XYZ(88.3758, 94.9163, 100.1354)
contains.

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Color

**XYZ(88.2868, 94.8200,
100.0351)**

Conversions

Conversions Part 1

Format	Color
Hex	F4FBF5
RGB	244, 251, 245
RGB Percent	96%, 98%, 96%
CMY	0.0431, 0.0157, 0.0392
CMYK	0.03, 0.00, 0.02, 0.02
HSL	129°, 47%, 97%
HSV	129°, 3%, 98%
XYZ	88.2868, 94.8200, 100.0351
YIQ	248.2230, -2.2460, -3.3500

Conversions

Conversions Part 2

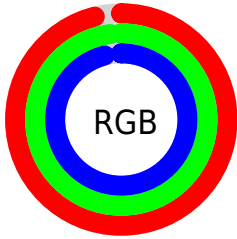
Format	Color
RYB	244, 250, 251
Decimal	16055285
CIELab	97.96, -3.36, 2.06
CIELCh	98, 3.939, 148.533
Yxy	94.8200, 0.3118, 0.3349
Android (android.graphics.Color)	4294245365 (0xFFFF4FBF5)
YUV	248.2230, -1.5889, -3.7036
Hunter-Lab	97.3756, -8.5679, 7.2536

Details

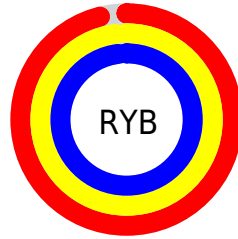
The XYZ color 88.2868, 94.8200, 100.0351 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 89.3931, 92.1151, 103.5155, and the grayscale version is 89.4217, 94.0786, 102.4516.

A 20% lighter version of the original color is 95.0500, 100.0000, 108.9000, and 49.4395, 53.3957, 55.8448 is the 20% darker color. If you saturate the color by 10%, you get 77.0675, 89.3967, 83.3494, and if you desaturate by 10%, it is 93.7890, 97.4780, 108.4797.

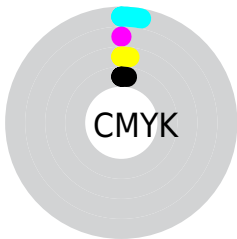
Distribution



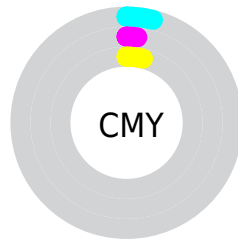
- Red (96%)
- Green (98%)
- Blue (96%)



- 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 88.2868, 94.8200, 100.0351 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 88.2868, 94.8200, 100.0351 by changing the saturation by 10% instead.

88.2868, 94.8200,
100.0351

88.2868, 94.8200,
100.0351

510.7633,
543.5886, 581.5528

66.8922, 71.9852,
75.7128

143.8469,
154.0159, 163.2577

49.2674, 53.1466,
55.6918

178.7430,
191.1458, 202.9951

35.0471, 37.9198,
39.5535

218.8704,
233.8094, 248.7080

23.8658, 25.9204,
26.8795

264.5944,
282.3913, 300.8148

15.3583, 16.7641,
17.2511

316.2803,
337.2757, 359.7342

9.1592, 10.0665,
10.2498

374.2936,

4.9031, 5.4430,

398.8472, 425.8846

5.4571

438.9994,
467.4900, 499.6846

■ 2.2247, 2.5095,
2.4545

■ 0.7557, 0.8814,
0.8159

■ 88.2868, 94.8200,
100.0351

■ 88.2868, 94.8200,
100.0351

■ 77.0675, 89.3967,
83.3494

■ 93.7890, 97.4780,
108.4797

■ 67.3530, 84.7038,
68.6580

■ 59.0814, 80.7137,
55.8882

■ 52.1833, 77.3923,
44.9605

■ 46.5838, 74.7028,
35.7898

■ 42.2005, 72.6048,
28.2843

■ 38.9416, 71.0529,
22.3438

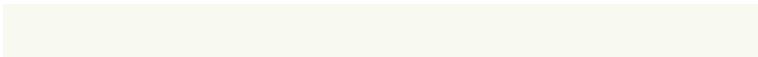
■ 36.7020, 69.9952,
17.8575

■ 35.3557, 69.3697,
14.6998

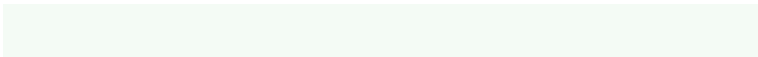
Harmonies

Analogous

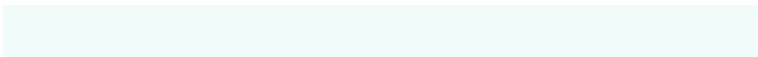
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



89.0918, 94.8200, 97.8829



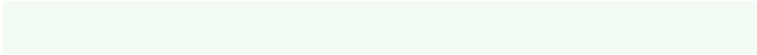
88.2868, 94.8200, 100.0351



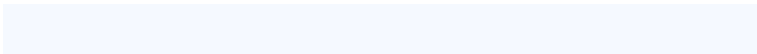
87.9733, 94.8200, 103.0839

Triad

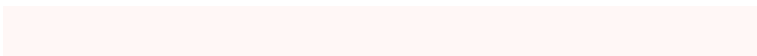
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



88.2868, 94.8200, 100.0351



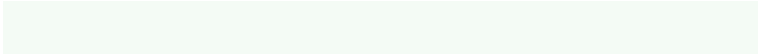
90.0680, 94.8200, 109.5758



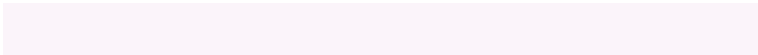
92.0419, 94.8200, 100.3051

Complementary

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



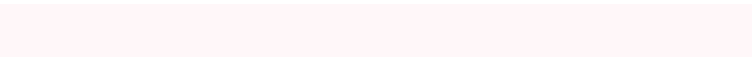
88.2868, 94.8200, 100.0351



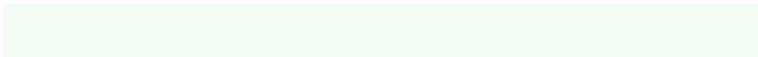
89.3931, 92.1151, 103.5155

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.



92.3085, 94.8200, 103.4020



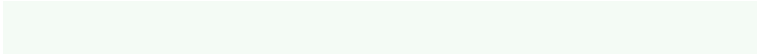
88.2868, 94.8200, 100.0351



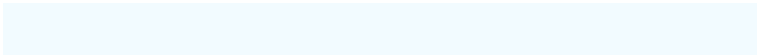
91.1632, 94.8200, 108.7951

Square

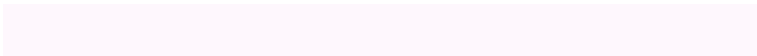
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



88.2868, 94.8200, 100.0351



88.9964, 94.8200, 108.6305



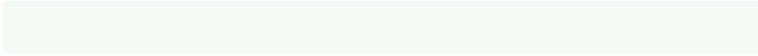
91.9856, 94.8200, 106.5185



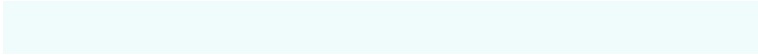
91.2602, 94.8200, 98.0364

Rectangle

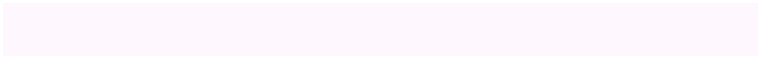
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



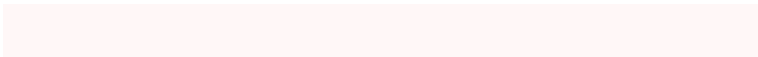
88.2868, 94.8200, 100.0351



88.0833, 94.8200, 105.2292



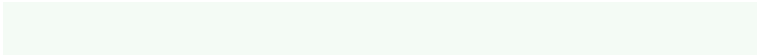
91.9856, 94.8200, 106.5185



92.1951, 94.8200, 101.2817

Sweetspot

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



88.2895, 94.8241, 100.0372



93.7681, 99.3796, 107.0134



90.2785, 95.8670, 99.3352



20.0837, 21.2779, 22.9252



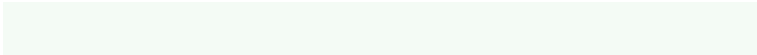
0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

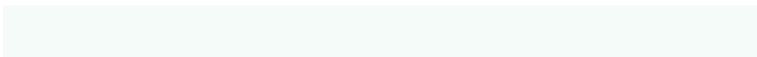
The Same Dimension uses a secret algorithm to generate beautiful new colors.



88.2895, 94.8241, 100.0372



91.2534, 98.1627, 103.3050



88.8190, 95.0359, 102.8258



18.4971, 20.0165, 20.8706



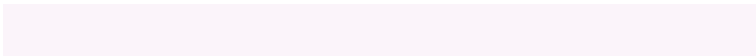
18.3304, 36.3451, 7.0830



1.7273, 3.3780, 0.8120

Inverse Universe

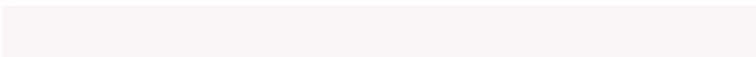
The Inverse Universe completely reimagines the original color for something new.



89.3931, 92.1151, 103.5155



92.4825, 95.1456, 107.1789



88.8591, 91.9015, 100.7034



18.8139, 19.2388, 21.8691



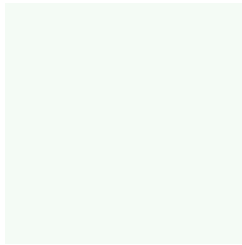
27.4115, 13.3803, 35.2048



2.5671, 1.2506, 3.4095

Previews

White Background



This preview shows how the XYZ color 88.2868, 94.8200, 100.0351 looks on a white background.

Color Contrast Check

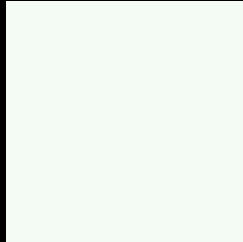
Large Text (above 18pt) WCAG AA × Fail

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 88.2868, 94.8200, 100.0351 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

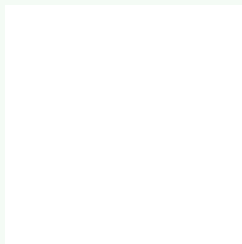
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 88.2868, 94.8200, 100.0351

Background



This preview shows how black text looks on a background with the XYZ color 88.2868, 94.8200, 100.0351.



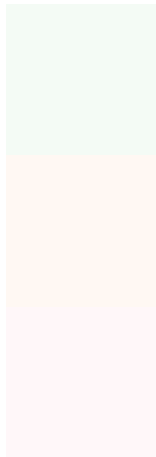
This preview shows how white text looks on a background with the XYZ color 88.2868, 94.8200,

100.0351.

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

88.2868, 94.8200, 100.0351

Protanopia

90.9851, 94.8659, 98.3095

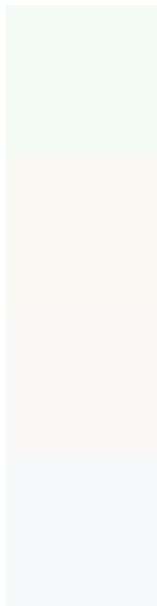
Deuteranopia

91.5996, 94.6211, 103.0584

Tritanopia

90.9926, 95.1111, 108.1702

Trichromacy



Original Color

88.2868, 94.8200, 100.0351

Protanomaly

89.9885, 94.7922, 99.1418

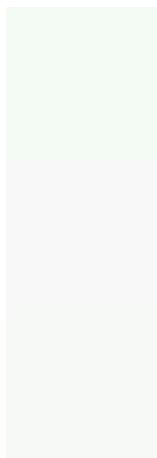
Deuteranomaly

90.2943, 94.4213, 102.2731

Tritanomaly

89.9560, 95.1104, 104.8837

Monochromacy



Original Color

88.2868, 94.8200, 100.0351

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 88.2868, 94.8200, 100.0351 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, 245) looks like.

```
.text, #text, p{  
    color:rgb(244, 251, 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(244, 251, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 251, 245) }
```

Border

The CSS property to change the border of an element to XYZ 88.2868, 94.8200, 100.0351 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, 245) }
```


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

```
.border{ border-color:rgb(244, 251, 245) }
```

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, 245)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 251, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 251, 245);  
box-shadow:4px 4px 4px 4px rgb(244, 251,  
245) }
```

Background

The CSS property to change the background color of an element to XYZ 88.2868, 94.8200, 100.0351 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, 245) }
```

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

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