

Converting Colors

XYZ(88.4526, 94.8377, 98.6257)

Have a look what the booklet for
XYZ(88.4526, 94.8377, 98.6257)
contains.

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Color

**XYZ(88.3310, 94.8779,
98.4517)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | F5FBF3 |
| RGB | 245, 251, 243 |
| RGB Percent | 96%, 98%, 95% |
| CMY | 0.0392, 0.0157, 0.0471 |
| CMYK | 0.02, 0.00, 0.03, 0.02 |
| HSL | 105°, 50%, 97% |
| HSV | 105°, 3%, 98% |
| XYZ | 88.3310, 94.8779, 98.4517 |
| YIQ | 248.2940, -1.0080, -3.7600 |

Conversions

Conversions Part 2

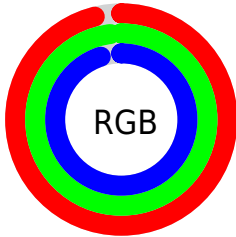
| Format | Color |
|-------------------------------------|-------------------------------|
| R _Y B | 243, 251, 249 |
| Decimal | 16120819 |
| CIE Lab | 97.98, -3.38, 3.13 |
| CIE LCh | 98, 4.604, 137.208 |
| Yxy | 94.8779, 0.3136, 0.3369 |
| Android (android.graphics.Color) | 4294310899 (0xFF5FBF3) |
| YUV | 248.2940, -2.6099, -2.8888 |
| Hunter-Lab | 97.4053, -8.5883, 8.2568 |

Details

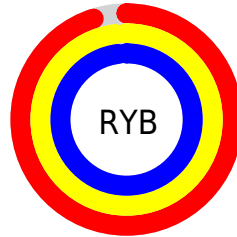
The XYZ color 88.3310, 94.8779, 98.4517 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 88.5338, 91.2085, 104.2105, and the grayscale version is 89.4872, 94.1475, 102.5266.

A 20% lighter version of the original color is 95.0500, 100.0000, 108.9000, and 49.4710, 53.4369, 54.7207 is the 20% darker color. If you saturate the color by 10%, you get 78.5590, 90.2514, 79.5416, and if you desaturate by 10%, it is 93.7890, 97.4781, 108.4797.

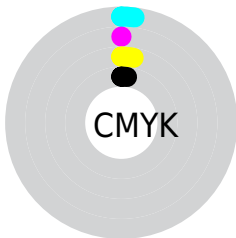
Distribution



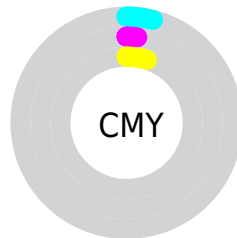
- Red (96%)
- Green (98%)
- Blue (95%)



- Red (95%)
- Yellow (98%)
- Blue (98%)



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





- Cyan (4%)
- Magenta (2%)
- Yellow (5%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 88.3310, 94.8779, 98.4517 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 88.3310, 94.8779, 98.4517 by changing the saturation by 10% instead.


 88.3310, 94.8779,
98.4517

 88.3310, 94.8779,
98.4517


510.9058,
543.7740, 576.4214

 66.9289, 72.0334,
74.3985


143.9081,
154.0959, 161.0611

 49.2974, 53.1859,
54.6215


178.8138,
191.2382, 200.4543

 35.0709, 37.9512,
38.7022


218.9514,
233.9151, 245.7980

 23.8843, 25.9448,
26.2221

264.6863,
282.5111, 297.5106

 15.3721, 16.7824,
16.7626

316.3838,
337.4106, 356.0107

 9.1689, 10.0794,
9.9052

374.4093,

 4.9095, 5.4517,

398.9980, 421.7169

5.2314

439.1282,
467.6577, 495.0476

■ 2.2285, 2.5146,
2.3225

■ 0.7577, 0.8839,
0.7438

■ 88.3310, 94.8779,
98.4517

■ 88.3310, 94.8779,
98.4517

■ 78.5590, 90.2514,
79.5416

■ 93.7890, 97.4781,
108.4797

■ 69.9303, 86.1542,
63.2792

■ 62.4046, 82.5707,
49.5481

■ 55.9358, 79.4799,
38.2208

■ 50.4747, 76.8595,
29.1589

■ 45.9677, 74.6852,
22.2097

■ 42.3562, 72.9305,
17.2017

■ 39.5741, 71.5657,
13.9368

■ 37.5447, 70.5564,
12.1742

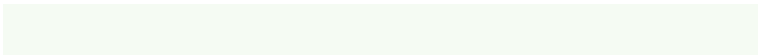
Harmonies

Analogous

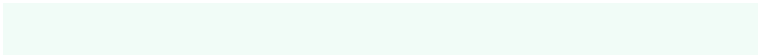
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



89.4307, 94.8779, 96.5245



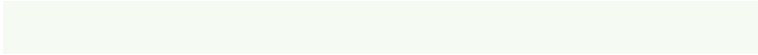
88.3310, 94.8779, 98.4517



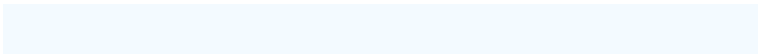
87.7289, 94.8779, 101.7067

Triad

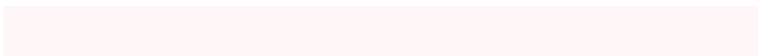
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



88.3310, 94.8779, 98.4517



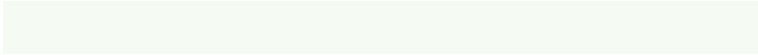
89.6185, 94.8779, 110.5492



92.6220, 94.8779, 101.1728

Complementary

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



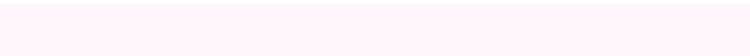
88.3310, 94.8779, 98.4517



88.5338, 91.2085, 104.2105

Split Complementary

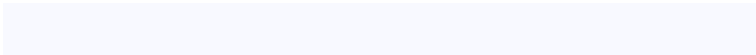
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



92.6735, 94.8779, 104.9218



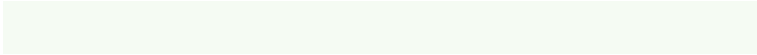
88.3310, 94.8779, 98.4517



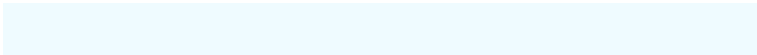
90.9307, 94.8779, 110.3977

Square

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



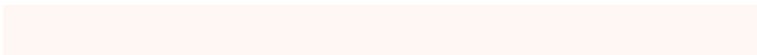
88.3310, 94.8779, 98.4517



88.4673, 94.8779, 108.7260



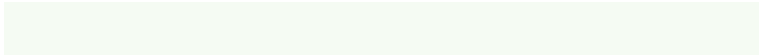
92.0518, 94.8779, 108.3171



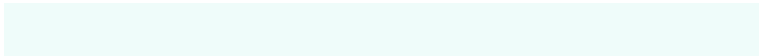
91.9118, 94.8779, 98.0690

Rectangle

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



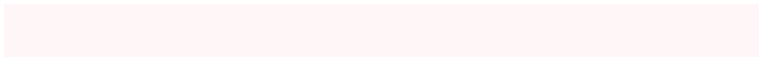
88.3310, 94.8779, 98.4517



87.6868, 94.8779, 104.2196



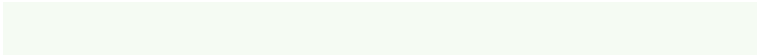
92.0518, 94.8779, 108.3171



92.7172, 94.8779, 102.3976

Sweetspot

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



88.3337, 94.8820, 98.4538



93.9418, 99.4758, 106.7193



89.8409, 94.7359, 98.3461



20.1191, 21.2975, 22.8653



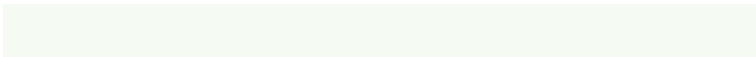
0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



88.3337, 94.8820, 98.4538



90.6916, 97.9379, 100.3502



87.9436, 94.6458, 100.0218



18.4215, 19.9913, 20.2470



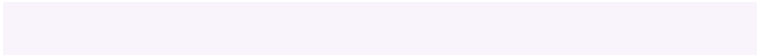
19.3121, 36.8740, 6.0995



1.8812, 3.4629, 0.5693

Inverse Universe

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



88.5338, 91.2085, 104.2105



90.9506, 93.1837, 107.8004



88.9366, 91.4524, 102.5911



18.4841, 18.8420, 22.0480



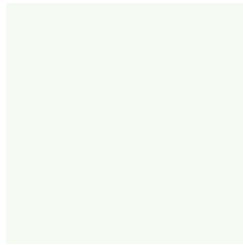
20.2321, 9.3727, 48.7163



1.9704, 0.9178, 4.5165

Previews

White Background



This preview shows how the XYZ color 88.3310, 94.8779, 98.4517 looks on a white background.

Color Contrast Check

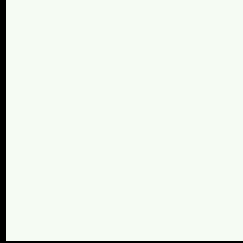
Large Text (above 18pt) WCAG AA × Fail

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 88.3310, 94.8779, 98.4517 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

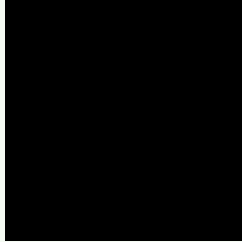
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

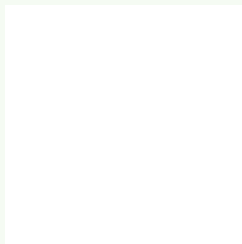
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 88.3310, 94.8779, 98.4517

Background



This preview shows how black text looks on a background with the XYZ color 88.3310, 94.8779, 98.4517.

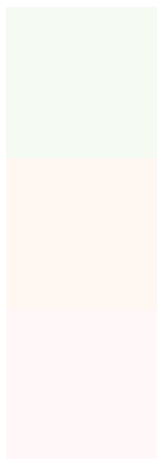


This preview shows how white text looks on a background with the XYZ color 88.3310, 94.8779,

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

88.3310, 94.8779, 98.4517

Protanopia

90.8344, 94.8056, 97.5162

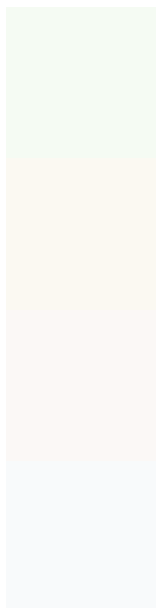
Deuteranopia

91.4440, 94.5588, 102.2390

Tritanopia

90.9926, 95.1111, 108.1702

Trichromacy



Original Color

88.3310, 94.8779, 98.4517

Protanomaly

89.6864, 94.6714, 97.5508

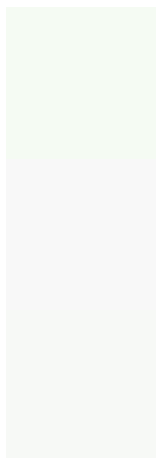
Deuteranomaly

89.9856, 94.2979, 100.6473

Tritanomaly

90.3096, 95.2927, 104.9003

Monochromacy



Original Color

88.3310, 94.8779, 98.4517

Achromatopsia

89.2221, 93.8686, 102.2229

Achromatomaly

88.8680, 94.1793, 100.6834

CSS Examples

Text

The CSS property to change the color of the text to XYZ 88.3310, 94.8779, 98.4517 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, 251, 243) looks like.

```
.text, #text, p{  
    color:rgb(245, 251, 243)  
}
```

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, 251, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 251, 243) }
```

Border

The CSS property to change the border of an element to XYZ 88.3310, 94.8779, 98.4517 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, 251, 243) }
```


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

```
.border{ border-color:rgb(245, 251, 243) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 251, 243)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 251, 243); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 251, 243);  
box-shadow:4px 4px 4px 4px rgb(245, 251,  
243) }
```

Background

The CSS property to change the background color of an element to XYZ 88.3310, 94.8779, 98.4517 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 251, 243) }
```

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

```
.background{ background-color: rgb(245,  
251, 243) }
```

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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