

Converting Colors

XYZ(88.7838, 95.1004, 99.1125)

Have a look what the booklet for
XYZ(88.7838, 95.1004, 99.1125)
contains.

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Color

**XYZ(88.8324, 95.1188,
99.2658)**

Conversions

Conversions Part 1

Format	Color
Hex	F6FBF4
RGB	246, 251, 244
RGB Percent	96%, 98%, 96%
CMY	0.0353, 0.0157, 0.0431
CMYK	0.02, 0.00, 0.03, 0.02
HSL	103°, 47%, 97%
HSV	103°, 3%, 98%
XYZ	88.8324, 95.1188, 99.2658
YIQ	248.7070, -0.7330, -3.2370

Conversions

Conversions Part 2

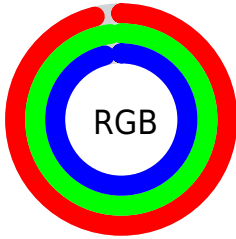
Format	Color
R_{YB}	244, 251, 249
Decimal	16186356
CIE _{Lab}	98.08, -2.87, 2.76
CIE _{LCh}	98, 3.985, 136.121
Yxy	95.1188, 0.3137, 0.3359
Android (android.graphics.Color)	4294376436 (0xFFFF6FBF4)
YUV	248.7070, -2.3206, -2.3740
Hunter-Lab	97.5289, -8.0920, 7.9243

Details

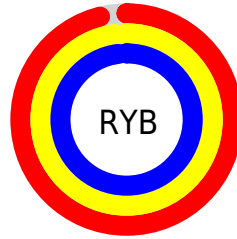
The XYZ color 88.8324, 95.1188, 99.2658 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 88.8337, 91.8087, 104.3104, and the grayscale version is 89.8232, 94.5010, 102.9116.

A 20% lighter version of the original color is 95.0500, 100.0000, 108.9000, and 49.8274, 53.6082, 55.2982 is the 20% darker color. If you saturate the color by 10%, you get 79.2889, 90.6125, 80.2607, and if you desaturate by 10%, it is 93.7890, 97.4780, 108.4797.

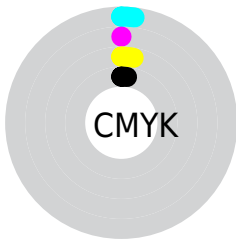
Distribution



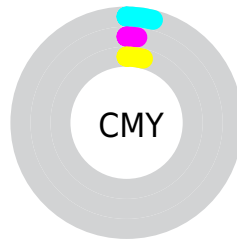
- Red (96%)
- Green (98%)
- Blue (96%)



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



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





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

Brightness & Saturation Gradients


These gradients show how the XYZ color 88.8324, 95.1188, 99.2658 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 88.8324, 95.1188, 99.2658 by changing the saturation by 10% instead.


 88.8324, 95.1188,
99.2658

 88.8324, 95.1188,
99.2658


512.5200,
544.5452, 579.0627

 67.3457, 72.2339,
75.0741


144.6021,
154.4287, 162.1909

 49.6374, 53.3497,
55.1715


179.6158,
191.6225, 201.7614

 35.3420, 38.0820,
39.1395


219.8693,
234.3546, 247.2952

 24.0942, 26.0464,
26.5596

265.7278,
283.0096, 299.2108

 15.5286, 16.8583,
17.0132

317.5568,
337.9717, 357.9268

 9.2799, 10.1335,
10.0819

375.7216,

 4.9828, 5.4876,

399.6255, 423.8618

5.3470

440.5876,
468.3552, 497.4343

■ 2.2718, 2.5361,
2.3900

■ 0.7802, 0.8946,
0.7810

■ 88.8324, 95.1188,
99.2658

■ 88.8324, 95.1188,
99.2658

■ 79.2889, 90.6125,
80.2607

■ 93.7890, 97.4780,
108.4797

■ 70.8312, 86.6056,
63.9050

■ 63.4218, 83.0842,
50.0829

■ 57.0181, 80.0290,
38.6673

■ 51.5742, 77.4194,
29.5206

■ 47.0405, 75.2331,
22.4908

■ 43.3625, 73.4457,
17.4076

■ 40.4792, 72.0301,
14.0742

■ 38.3194, 70.9547,
12.2524

Harmonies

Analogous

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



89.7986, 95.1188, 97.6375



88.8324, 95.1188, 99.2658



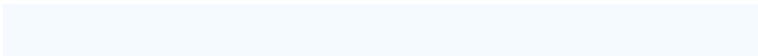
88.2904, 95.1188, 102.0655

Triad

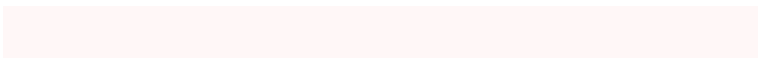
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



88.8324, 95.1188, 99.2658



89.8813, 95.1188, 109.8006



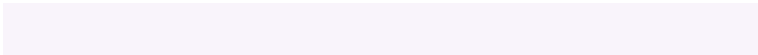
92.5357, 95.1188, 101.8300

Complementary

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



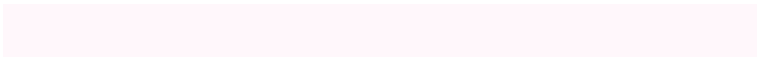
88.8324, 95.1188, 99.2658



88.8337, 91.8087, 104.3104

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.



92.5583, 95.1188, 105.0856



88.8324, 95.1188, 99.2658



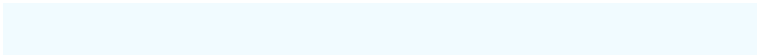
91.0193, 95.1188, 109.7343

Square

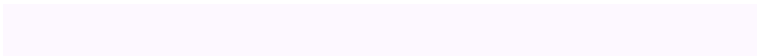
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



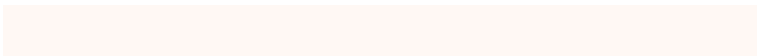
88.8324, 95.1188, 99.2658



88.8925, 95.1188, 108.1724



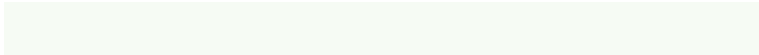
92.0012, 95.1188, 107.9932



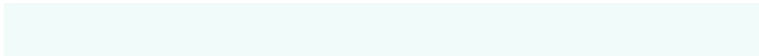
91.9397, 95.1188, 99.0965

Rectangle

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



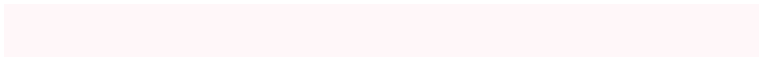
88.8324, 95.1188, 99.2658



88.2396, 95.1188, 104.2409



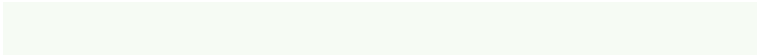
92.0012, 95.1188, 107.9932



92.6108, 95.1188, 102.8984

Sweetspot

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



88.8351, 95.1229, 99.2679



93.9750, 99.4929, 106.7208



89.9614, 94.7345, 99.1335



20.1259, 21.3009, 22.8656



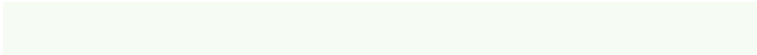
0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

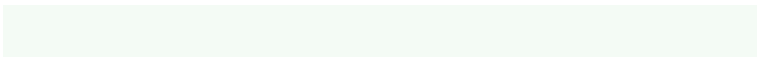
The Same Dimension uses a secret algorithm to generate beautiful new colors.



88.8351, 95.1229, 99.2679



91.8603, 98.4951, 102.4490



88.3508, 94.8486, 100.3599



18.6529, 20.1019, 20.6510



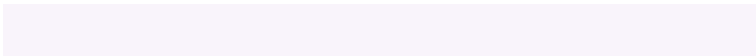
19.6482, 37.0473, 6.1153



1.9192, 3.4825, 0.5710

Inverse Universe

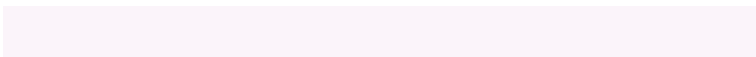
The Inverse Universe completely reimagines the original color for something new.



88.8337, 91.8087, 104.3104



91.8588, 94.8038, 108.0652



89.3304, 92.0902, 103.1850



18.6526, 19.1504, 22.0986



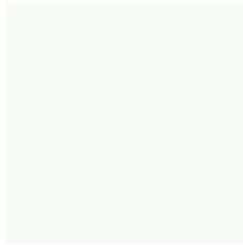
19.1150, 8.7968, 48.6640



1.8746, 0.8685, 4.5120

Previews

White Background



This preview shows how the XYZ color 88.8324, 95.1188, 99.2658 looks on a white background.

Color Contrast Check

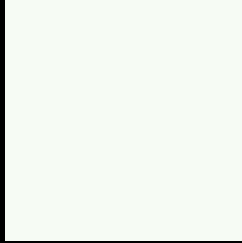
Large Text (above 18pt) WCAG AA × Fail

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 88.8324, 95.1188, 99.2658 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

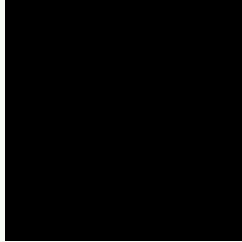
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

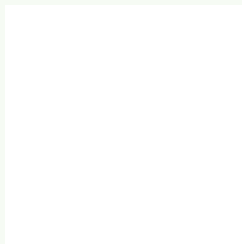
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 88.8324, 95.1188, 99.2658

Background



This preview shows how black text looks on a background with the XYZ color 88.8324, 95.1188, 99.2658.

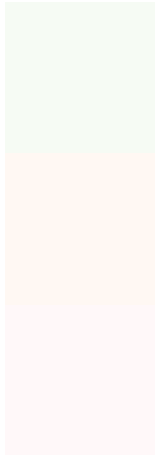


This preview shows how white text looks on a background with the XYZ color 88.8324, 95.1188,

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

88.8324, 95.1188, 99.2658

Protanopia

90.9851, 94.8659, 98.3095

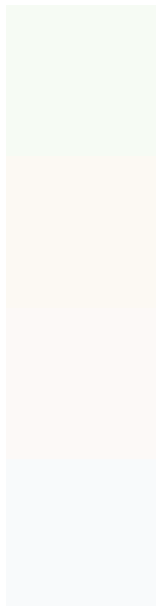
Deuteranopia

91.9063, 95.2344, 103.1606

Tritanopia

90.9926, 95.1111, 108.1702

Trichromacy



Original Color

88.8324, 95.1188, 99.2658

Protanomaly

90.1982, 94.9179, 98.3610

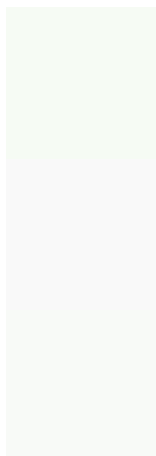
Deuteranomaly

90.8091, 95.1622, 101.5777

Tritanomaly

90.3096, 95.2927, 104.9003

Monochromacy



Original Color

88.8324, 95.1188, 99.2658

Achromatopsia

90.0415, 94.7307, 103.1617

Achromatomaly

89.6855, 95.0431, 101.6139

CSS Examples

Text

The CSS property to change the color of the text to XYZ 88.8324, 95.1188, 99.2658 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(246, 251, 244) looks like.

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

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

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

Border

The CSS property to change the border of an element to XYZ 88.8324, 95.1188, 99.2658 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(246, 251, 244) }
```


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

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

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

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

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

Background

The CSS property to change the background color of an element to XYZ 88.8324, 95.1188, 99.2658 is called "background". The background property can be set on classes, ids or directly on the HTML element.

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

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

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

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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