

Converting Colors

XYZ(87.9973, 96.6700, 94.7516)

Have a look what the booklet for
XYZ(87.9973, 96.6700, 94.7516)
contains.

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Color

**XYZ(88.1548, 96.7477,
94.9168)**

Conversions

Conversions Part 1

Format	Color
Hex	F3FFEE
RGB	243, 255, 238
RGB Percent	95%, 100%, 93%
CMY	0.0471, 0.0000, 0.0667
CMYK	0.05, 0.00, 0.07, 0.00
HSL	102°, 100%, 97%
HSV	102°, 7%, 100%
XYZ	88.1548, 96.7477, 94.9168
YIQ	249.4740, -1.6950, -7.8310

Conversions

Conversions Part 2

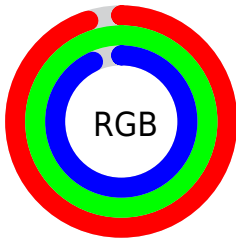
Format	Color
R_{YB}	238, 255, 250
Decimal	15990766
CIE _{Lab}	98.73, -6.91, 6.75
CIE _{LCh}	99, 9.662, 135.656
Yxy	96.7477, 0.3150, 0.3458
Android (android.graphics.Color)	4294180846 (0xFFFF3FEE)
YUV	249.4740, -5.6567, -5.6777
Hunter-Lab	98.3604, -12.1514, 11.6380

Details

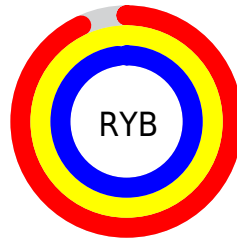
The XYZ color 88.1548, 96.7477, 94.9168 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 88.0495, 88.6942, 107.0867, and the grayscale version is 90.4781, 95.1900, 103.6620.

A 20% lighter version of the original color is 95.0500, 100.0000, 108.9000, and 49.1311, 54.3304, 52.1533 is the 20% darker color. If you saturate the color by 10%, you get 78.7592, 92.3068, 76.2857, and if you desaturate by 10%, it is 95.0500, 100.0000, 108.9000.

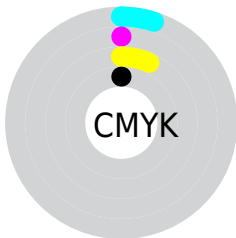
Distribution



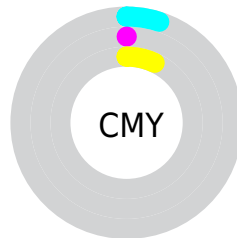
- Red (95%)
- Green (100%)
- Blue (93%)



- Red (93%)
- Yellow (100%)
- Blue (98%)



- Cyan (5%)
- Magenta (0%)
- Yellow (7%)
- Black (0%)



- Cyan (5%)
- Magenta (0%)
- Yellow (7%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 88.1548, 96.7477, 94.9168 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 88.1548, 96.7477, 94.9168 by changing the saturation by 10% instead.


 88.1548, 96.7477,
94.9168

 88.1548, 96.7477,
94.9168


510.3378,
549.7450, 564.8761

 66.7825, 73.5904,
71.4692


143.6641,
156.6769, 156.1442

 49.1779, 54.4589,
52.2410

178.5318,
194.2177, 194.7612

 34.9758, 38.9687,
36.8137


218.6286,
237.3217, 239.2717

 23.8106, 26.7353,
24.7686

264.3200,
286.3734, 290.0943

 15.3172, 17.3746,
15.6873

315.9712,
341.7572, 347.6474

 9.1301, 10.5019,
9.1512

373.9477,

 4.8839, 5.7330,

403.8575, 412.3498

4.7418

438.6148,
473.0586, 484.6198

■ 2.2134, 2.6834,
2.0405

■ 0.7498, 0.9688,
0.5800

■ 88.1548, 96.7477,
94.9168

■ 88.1548, 96.7477,
94.9168

■ 78.7592, 92.3068,
76.2857

95.0500, 100.0000,
108.9000

■ 70.4628, 88.3738,
60.3588

■ 63.2245, 84.9302,
47.0116

■ 56.9996, 81.9560,
36.1081

■ 51.7397, 79.4295,
27.5000

■ 47.3923, 77.3273,
21.0225

■ 43.8994, 75.6233,
16.4893

■ 41.1951, 74.2885,
13.6814

■ 39.2005, 73.2883,
12.3241

Harmonies

Analogous

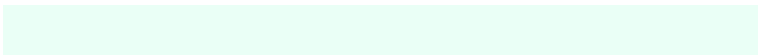
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



90.5089, 96.7477, 91.1666



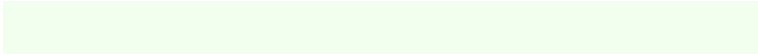
88.1548, 96.7477, 94.9168



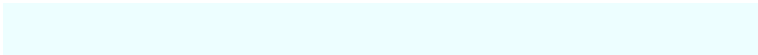
86.8322, 96.7477, 101.5638

Triad

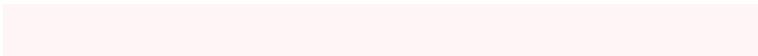
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



88.1548, 96.7477, 94.9168



90.6270, 96.7477, 121.0155



97.2439, 96.7477, 101.2308

Complementary

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



88.1548, 96.7477, 94.9168



88.0495, 88.6942, 107.0867

Split Complementary

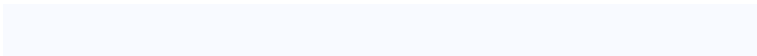
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



97.2771, 96.7477, 109.2123



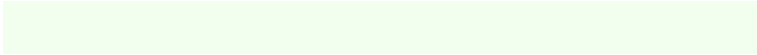
88.1548, 96.7477, 94.9168



93.4180, 96.7477, 120.9151

Square

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



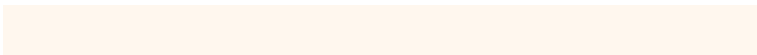
88.1548, 96.7477, 94.9168



88.2397, 96.7477, 116.7712



95.8645, 96.7477, 116.5035



95.7747, 96.7477, 94.6837

Rectangle

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



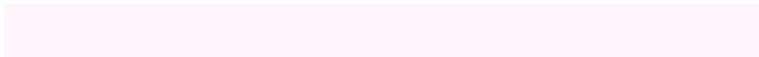
88.1548, 96.7477, 94.9168



86.6958, 96.7477, 106.8706



95.8645, 96.7477, 116.5035



97.4243, 96.7477, 103.8277

Sweetspot

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



88.1556, 96.7481, 94.9183



92.9276, 98.9995, 104.5713



90.8276, 95.7426, 94.5834



19.9126, 21.2005, 22.4279



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

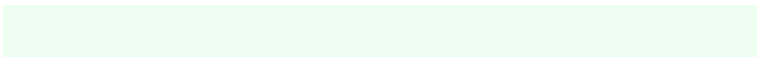
The Same Dimension uses a secret algorithm to generate beautiful new colors.



88.1556, 96.7481, 94.9183



86.8370, 96.1256, 92.2719



86.9577, 96.0724, 97.4945



18.2736, 20.4270, 19.1240



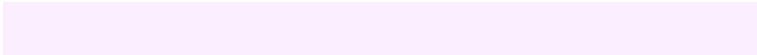
20.3305, 38.2189, 6.3054



2.0831, 3.7746, 0.6188

Inverse Universe

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



88.0495, 88.6942, 107.0867



86.7107, 86.5475, 106.7429



89.3225, 89.4131, 104.3144



18.2418, 18.0164, 22.7660



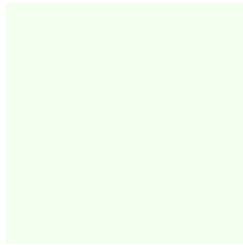
19.4224, 8.9231, 50.1332



2.0004, 0.9252, 4.8864

Previews

White Background



This preview shows how the XYZ color 88.1548, 96.7477, 94.9168 looks on a white background.

Color Contrast Check

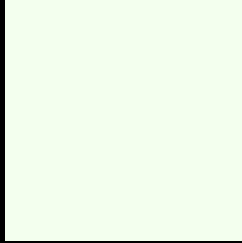
Large Text (above 18pt) WCAG AA × Fail

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 88.1548, 96.7477, 94.9168 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

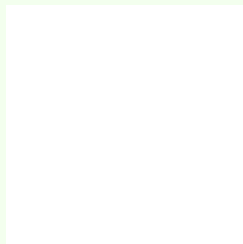
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 88.1548, 96.7477, 94.9168

Background



This preview shows how black text looks on a background with the XYZ color 88.1548, 96.7477, 94.9168.



This preview shows how white text looks on a background with the XYZ color 88.1548, 96.7477,

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

88.1548, 96.7477, 94.9168

Protanopia

92.0663, 96.7860, 99.4171

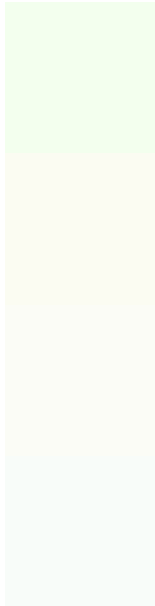
Deuteranopia

92.6809, 96.5333, 104.1905

Tritanopia

92.3308, 96.7236, 108.4109

Trichromacy



Original Color

88.1548, 96.7477, 94.9168

Protanomaly

90.6211, 96.5408, 97.8624

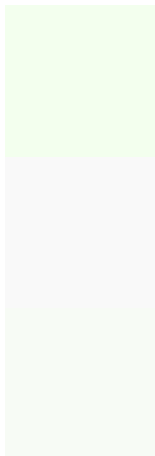
Deuteranomaly

91.2286, 96.7839, 101.0617

Tritanomaly

90.6207, 96.4168, 103.4566

Monochromacy



Original Color

88.1548, 96.7477, 94.9168

Achromatopsia

90.0415, 94.7307, 103.1617

Achromatomaly

89.3364, 95.3611, 100.0842

CSS Examples

Text

The CSS property to change the color of the text to XYZ 88.1548, 96.7477, 94.9168 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(243, 255, 238)` looks like.

```
.text, #text, p{  
    color:rgb(243, 255, 238)  
}
```

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(243, 255, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 255, 238) }
```

Border

The CSS property to change the border of an element to XYZ 88.1548, 96.7477, 94.9168 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(243, 255, 238) }
```


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

```
.border{ border-color:rgb(243, 255, 238) }
```

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

Here you see how a box with a 4 pixel `rgb(243, 255, 238)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 255, 238); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 255, 238);  
box-shadow:4px 4px 4px 4px rgb(243, 255,  
238) }
```

Background

The CSS property to change the background color of an element to XYZ 88.1548, 96.7477, 94.9168 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 255, 238) }
```

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

```
.background{ background-color: rgb(243,  
255, 238) }
```

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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