

Converting Colors

XYZ(88.0934, 95.2842, 94.3759)

Have a look what the booklet for
XYZ(88.0934, 95.2842, 94.3759)
contains.

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Color

**XYZ(88.2491, 95.3867,
94.6492)**

Conversions

Conversions Part 1

Format	Color
Hex	F6FCEE
RGB	246, 252, 238
RGB Percent	96%, 99%, 93%
CMY	0.0353, 0.0117, 0.0667
CMYK	0.02, 0.00, 0.06, 0.01
HSL	86°, 70%, 96%
HSV	86°, 6%, 99%
XYZ	88.2491, 95.3867, 94.6492
YIQ	248.6100, 0.9180, -5.6260

Conversions

Conversions Part 2

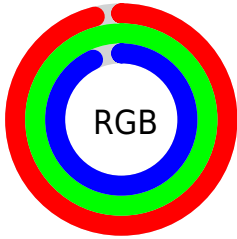
Format	Color
R _Y B	238, 252, 244
Decimal	16186606
CIE Lab	98.19, -4.41, 6.00
CIE LCh	98, 7.445, 126.287
Yxy	95.3867, 0.3171, 0.3428
Android (android.graphics.Color)	4294376686 (0xFF6FCEE)
YUV	248.6100, -5.2307, -2.2890
Hunter-Lab	97.6661, -9.6268, 10.9078

Details

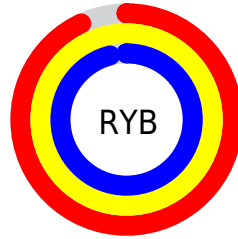
The XYZ color 88.2491, 95.3867, 94.6492 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 85.4571, 87.4130, 104.4687, and the grayscale version is 89.7658, 94.4406, 102.8459.

A 20% lighter version of the original color is 95.0500, 100.0000, 108.9000, and 49.1938, 53.3548, 51.9617 is the 20% darker color. If you saturate the color by 10%, you get 81.1232, 92.1142, 76.3228, and if you desaturate by 10%, it is 94.1023, 98.1045, 108.5841.

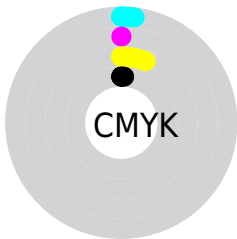
Distribution



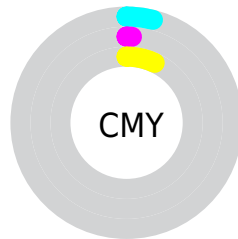
- Red (96%)
- Green (99%)
- Blue (93%)



- Red (93%)
- Yellow (99%)
- Blue (96%)



- Cyan (2%)
- Magenta (0%)
- Yellow (6%)
- Black (1%)



- Cyan (4%)
- Magenta (1%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 88.2491, 95.3867, 94.6492 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 88.2491, 95.3867, 94.6492 by changing the saturation by 10% instead.

88.2491, 95.3867,
94.6492

88.2491, 95.3867,
94.6492

510.6418,
545.4022, 563.9969

66.8609, 72.4569,
71.2478

143.7947,
154.7987, 155.7713

49.2418, 53.5320,
52.0613

178.6827,
192.0497, 194.3290

35.0267, 38.2276,
36.6714

218.8014,
234.8432, 238.7759

23.8500, 26.1594,
24.6594

264.5160,
283.5636, 289.5305

15.3466, 16.9429,
15.6068

316.1921,
338.5953, 347.0114

9.1509, 10.1938,
9.0950

374.1948,

4.8976, 5.5276,

400.3228, 411.6371

4.7055

438.8896,
469.1302, 483.8261

■ 2.2215, 2.5600,
2.0198

■ 0.7540, 0.9066,
0.5674

■ 88.2491, 95.3867,
94.6492

■ 88.2491, 95.3867,
94.6492

■ 81.1232, 92.1142,
76.3228

■ 94.1023, 98.1045,
108.5841

■ 74.7083, 89.1481,
60.6213

■ 68.9805, 86.4814,
47.4261

■ 63.9111, 84.1023,
36.6069

■ 59.4691, 81.9978,
28.0217

■ 55.6206, 80.1539,
21.5134

■ 52.3276, 78.5549,
16.9044

■ 49.5465, 77.1828,
13.9874

■ 47.2238, 76.0158,
12.5062

Harmonies

Analogous

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



90.2124, 95.3867, 92.5831



88.2491, 95.3867, 94.6492



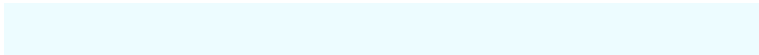
86.9474, 95.3867, 99.1933

Triad

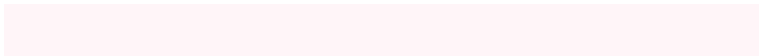
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



88.2491, 95.3867, 94.6492



89.0178, 95.3867, 115.0253



94.8133, 95.3867, 102.5749

Complementary

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



88.2491, 95.3867, 94.6492



85.4571, 87.4130, 104.4687

Split Complementary

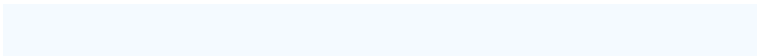
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



94.4813, 95.3867, 108.6706



88.2491, 95.3867, 94.6492



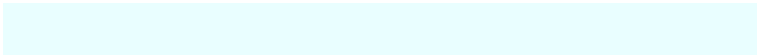
91.1135, 95.3867, 116.0171

Square

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



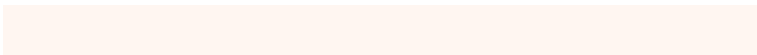
88.2491, 95.3867, 94.6492



87.3863, 95.3867, 110.9903



93.1189, 95.3867, 113.6496



94.0190, 95.3867, 97.0416

Rectangle

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



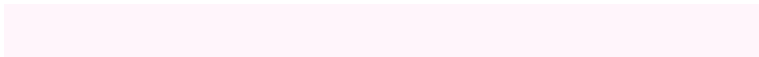
88.2491, 95.3867, 94.6492



86.6184, 95.3867, 103.0988



93.1189, 95.3867, 113.6496



94.8299, 95.3867, 104.6247

Sweetspot

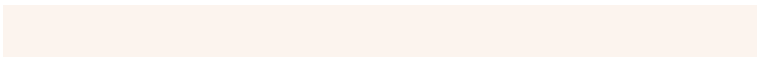
The Sweet Spot groups the original color and five complimentary colors.



88.2517, 95.3908, 94.6513



93.4397, 99.2635, 104.5953



87.8816, 91.4730, 93.9146



20.0169, 21.2542, 22.4328



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

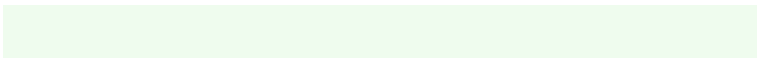
The Same Dimension uses a secret algorithm to generate beautiful new colors.



88.2517, 95.3908, 94.6513



89.5481, 97.4804, 94.3316



85.8988, 94.1778, 94.5412



18.2573, 19.9320, 19.0908



24.2923, 39.4414, 6.3326



2.3712, 3.7155, 0.5922

Inverse Universe

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



85.4571, 87.4130, 104.4687



85.9653, 87.2524, 106.9183



87.8724, 88.6582, 104.5818



17.4647, 17.6693, 21.8753



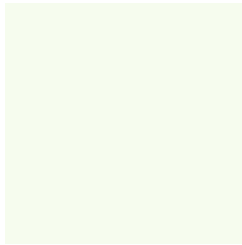
12.5382, 5.4063, 48.3562



1.2799, 0.5619, 4.4842

Previews

White Background



This preview shows how the XYZ color 88.2491, 95.3867, 94.6492 looks on a white background.

Color Contrast Check

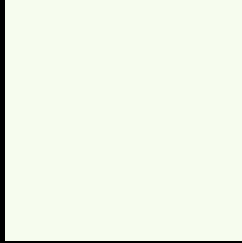
Large Text (above 18pt) WCAG AA × Fail

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 88.2491, 95.3867, 94.6492 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

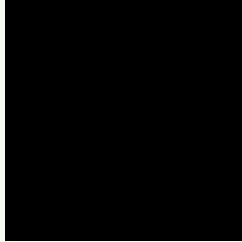
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

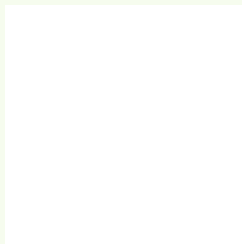
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 88.2491, 95.3867, 94.6492

Background



This preview shows how black text looks on a background with the XYZ color 88.2491, 95.3867, 94.6492.

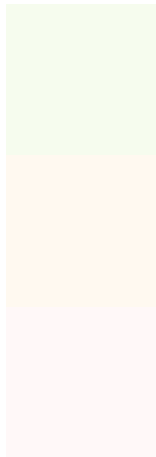


This preview shows how white text looks on a background with the XYZ color 88.2491, 95.3867,

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

88.2491, 95.3867, 94.6492

Protanopia

90.8439, 95.3026, 96.0453

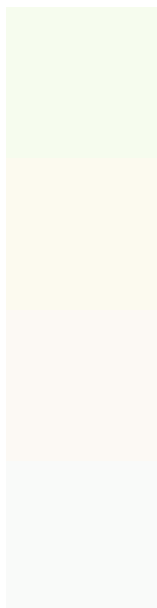
Deuteranopia

91.7507, 95.1721, 102.3412

Tritanopia

91.3500, 95.2954, 108.1869

Trichromacy



Original Color

88.2491, 95.3867, 94.6492

Protanomaly

89.9105, 95.2987, 95.3170

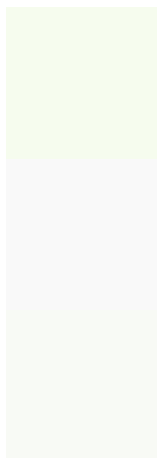
Deuteranomaly

90.3497, 94.9785, 99.1587

Tritanomaly

90.3514, 95.3505, 103.2650

Monochromacy



Original Color

88.2491, 95.3867, 94.6492

Achromatopsia

90.0415, 94.7307, 103.1617

Achromatomaly

89.3784, 94.9202, 99.9969

CSS Examples

Text

The CSS property to change the color of the text to XYZ 88.2491, 95.3867, 94.6492 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, 252, 238) looks like.

```
.text, #text, p{  
    color:rgb(246, 252, 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(246, 252, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 252, 238) }
```

Border

The CSS property to change the border of an element to XYZ 88.2491, 95.3867, 94.6492 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, 252, 238) }
```


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

```
.border{ border-color:rgb(246, 252, 238) }
```

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

Here you see how a box with a 4 pixel `rgb(246, 252, 238)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(246, 252, 238); -webkit-box-shadow:4px 4px 4px 4px rgb(246, 252, 238); box-shadow:4px 4px 4px 4px rgb(246, 252, 238) }
```

Background

The CSS property to change the background color of an element to XYZ 88.2491, 95.3867, 94.6492 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 252, 238) }
```

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

```
.background{ background-color: rgb(246,  
252, 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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