

Converting Colors

XYZ(88.2022, 94.5096, 96.0897)

Have a look what the booklet for
XYZ(88.2022, 94.5096, 96.0897)
contains.

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Color

**XYZ(88.2716, 94.4366,
96.0138)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | F7FAF0 |
| RGB | 247, 250, 240 |
| RGB Percent | 97%, 98%, 94% |
| CMY | 0.0314, 0.0196, 0.0588 |
| CMYK | 0.01, 0.00, 0.04, 0.02 |
| HSL | 78°, 50%, 96% |
| HSV | 78°, 4%, 98% |
| XYZ | 88.2716, 94.4366, 96.0138 |
| YIQ | 247.9630, 1.4220, -3.7460 |

Conversions

Conversions Part 2

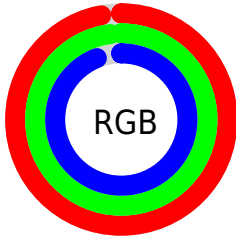
| Format | Color |
|-------------------------------------|-------------------------------|
| R _{YB} | 240, 250, 243 |
| Decimal | 16251632 |
| CIE Lab | 97.81, -2.73, 4.43 |
| CIE LCh | 98, 5.203, 121.584 |
| Yxy | 94.4366, 0.3167, 0.3388 |
| Android (android.graphics.Color) | 4294441712 (0xFF7FAF0) |
| YUV | 247.9630, -3.9258, -0.8446 |
| Hunter-Lab | 97.1785, -7.9228, 9.4455 |

Details

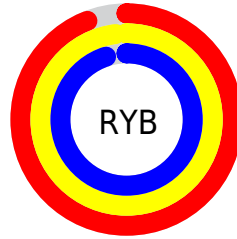
The XYZ color 88.2716, 94.4366, 96.0138 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 85.3811, 88.2795, 102.9869, and the grayscale version is 89.2255, 93.8721, 102.2268.

A 20% lighter version of the original color is 95.0500, 100.0000, 108.9000, and 49.4294, 53.1206, 52.9955 is the 20% darker color. If you saturate the color by 10%, you get 82.2170, 91.7180, 77.6609, and if you desaturate by 10%, it is 93.2971, 96.7619, 108.3674.

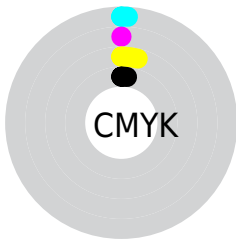
Distribution



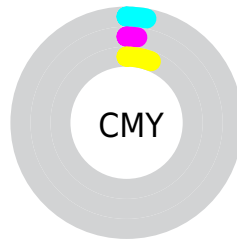
- Red (97%)
- Green (98%)
- Blue (94%)



- Red (94%)
- Yellow (98%)
- Blue (95%)



- Cyan (1%)
- Magenta (0%)
- Yellow (4%)
- Black (2%)



- Cyan (3%)
- Magenta (2%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 88.2716, 94.4366, 96.0138 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 88.2716, 94.4366, 96.0138 by changing the saturation by 10% instead.

88.2716, 94.4366,
96.0138

88.2716, 94.4366,
96.0138

510.7143,
542.3597, 568.4725

66.8796, 71.6661,
72.3775

143.8258,
153.4860, 157.6721

49.2571, 52.8860,
52.9784

178.7187,
190.5338, 196.5311

35.0388, 37.7118,
37.3979

218.8426,
233.1094, 241.3015

23.8595, 25.7591,
25.2175

264.5628,
281.5973, 292.4018

15.3536, 16.6435,
16.0187

316.2448,
336.3819, 350.2505

9.1558, 9.9806,
9.3829

374.2538,

4.9009, 5.3861,

397.8476, 415.2662

4.8916

438.9552,
466.3787, 487.8673

■ 2.2234, 2.4755,
2.1261

■ 0.7550, 0.8644,
0.6313

■ 88.2716, 94.4366,
96.0138

■ 88.2716, 94.4366,
96.0138

■ 82.2170, 91.7180,
77.6609

■ 93.2971, 96.7619,
108.3674

■ 76.7561, 89.2461,
61.8963

■ 93.4774, 96.8548,
108.3758

■ 71.8681, 87.0154,
48.6052

■ 67.5278, 85.0156,
37.6613

■ 63.7078, 83.2357,
28.9277

■ 60.3781, 81.6635,
22.2529

■ 57.5050, 80.2853,
17.4665

■ 55.0495, 79.0854,
14.3708

■ 52.9644, 78.0448,
12.7244

Harmonies

Analogous

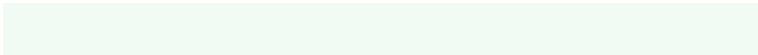
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



89.6802, 94.4366, 94.8639



88.2716, 94.4366, 96.0138



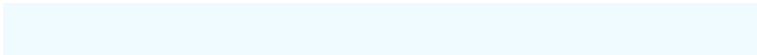
87.2706, 94.4366, 98.9820

Triad

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



88.2716, 94.4366, 96.0138



88.4069, 94.4366, 110.1884



92.6445, 94.4366, 102.5994

Complementary

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



88.2716, 94.4366, 96.0138



85.3811, 88.2795, 102.9869

Split Complementary

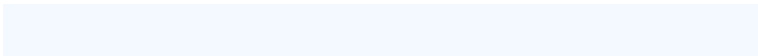
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



92.2946, 94.4366, 106.7670



88.2716, 94.4366, 96.0138



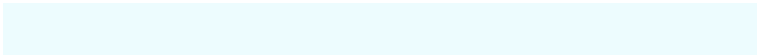
89.8381, 94.4366, 111.2203

Square

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



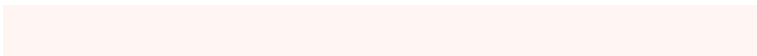
88.2716, 94.4366, 96.0138



87.3481, 94.4366, 107.1692



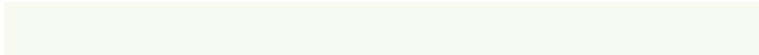
91.2633, 94.4366, 109.9518



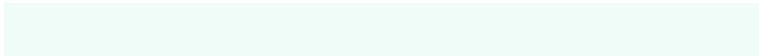
92.2142, 94.4366, 98.6006

Rectangle

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



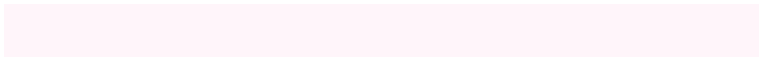
88.2716, 94.4366, 96.0138



86.9634, 94.4366, 101.6330



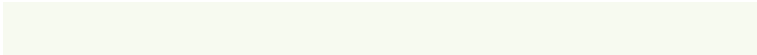
91.2633, 94.4366, 109.9518



92.6142, 94.4366, 104.0271

Sweetspot

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



88.2742, 94.4407, 96.0159



94.3609, 99.6919, 106.7389



87.2064, 90.7195, 95.3539



20.2044, 21.3414, 22.8693



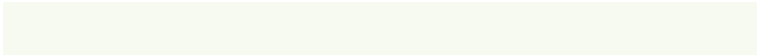
0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

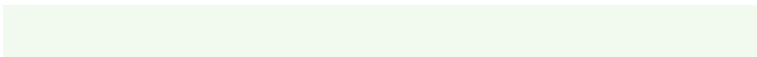
The Same Dimension uses a secret algorithm to generate beautiful new colors.



88.2742, 94.4407, 96.0159



91.6700, 98.4869, 98.3797



86.5347, 93.5439, 95.9344



18.6902, 20.1384, 19.8716



27.6542, 41.1746, 6.4900



2.6683, 3.8686, 0.6061

Inverse Universe

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



85.3811, 88.2795, 102.9869



87.9103, 90.4803, 107.4388



87.1301, 89.1811, 103.0687



17.8175, 18.2798, 21.9746



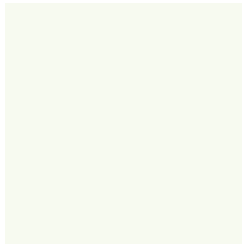
10.8211, 4.5212, 48.2759



1.1043, 0.4714, 4.4760

Previews

White Background



This preview shows how the XYZ color 88.2716, 94.4366, 96.0138 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 88.2716, 94.4366, 96.0138 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

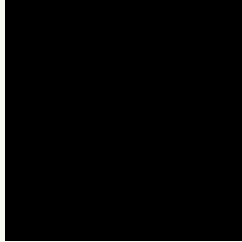
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

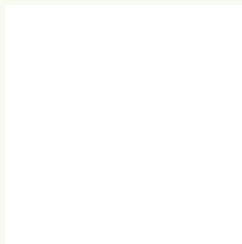
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 88.2716, 94.4366, 96.0138

Background



This preview shows how black text looks on a background with the XYZ color 88.2716, 94.4366, 96.0138.

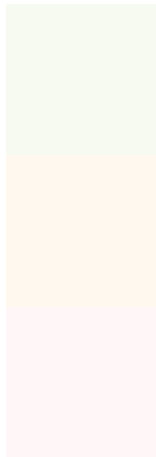


This preview shows how white text looks on a background with the XYZ color 88.2716, 94.4366,

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

88.2716, 94.4366, 96.0138

Protanopia

90.3874, 94.6268, 95.1622

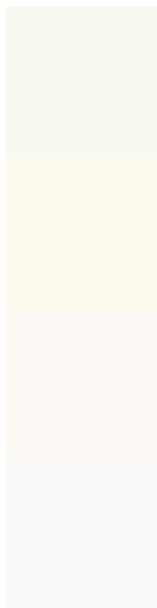
Deuteranopia

91.2893, 94.4969, 101.4240

Tritanopia

90.6843, 94.4945, 108.0674

Trichromacy



Original Color

88.2716, 94.4366, 96.0138

Protanomaly

89.6006, 94.6788, 95.2137

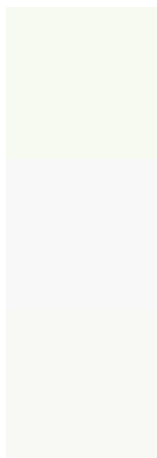
Deuteranomaly

90.0414, 94.3619, 99.0559

Tritanomaly

89.8424, 94.6099, 103.9688

Monochromacy



Original Color

88.2716, 94.4366, 96.0138

Achromatopsia

89.2221, 93.8686, 102.2229

Achromatomaly

89.0685, 94.3004, 99.8936

CSS Examples

Text

The CSS property to change the color of the text to XYZ 88.2716, 94.4366, 96.0138 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(247, 250, 240) looks like.

```
.text, #text, p{  
    color:rgb(247, 250, 240)  
}
```

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(247, 250, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 250, 240) }
```

Border

The CSS property to change the border of an element to XYZ 88.2716, 94.4366, 96.0138 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(247, 250, 240) }
```


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

```
.border{ border-color:rgb(247, 250, 240) }
```

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

Here you see how a box with a 4 pixel `rgb(247, 250, 240)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 250, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 250, 240);  
box-shadow:4px 4px 4px 4px rgb(247, 250,  
240) }
```

Background

The CSS property to change the background color of an element to XYZ 88.2716, 94.4366, 96.0138 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 250, 240) }
```

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

```
.background{ background-color: rgb(247,  
250, 240) }
```

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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