

Converting Colors

XYZ(88.6786, 95.1800, 93.8328)

Have a look what the booklet for
XYZ(88.6786, 95.1800, 93.8328)
contains.

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Color

**XYZ(88.4946, 95.0652,
93.8060)**

Conversions

Conversions Part 1

Format	Color
Hex	F8FBED
RGB	248, 251, 237
RGB Percent	97%, 98%, 93%
CMY	0.0274, 0.0157, 0.0706
CMYK	0.01, 0.00, 0.06, 0.02
HSL	73°, 64%, 96%
HSV	73°, 6%, 98%
XYZ	88.4946, 95.0652, 93.8060
YIQ	248.5070, 2.7060, -4.9900

Conversions

Conversions Part 2

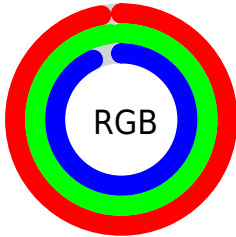
Format	Color
R _Y B	237, 251, 240
Decimal	16317421
CIE Lab	98.06, -3.40, 6.35
CIE LCh	98, 7.201, 118.178
Yxy	95.0652, 0.3191, 0.3427
Android (android.graphics.Color)	4294507501 (0xFFFF8FBED)
YUV	248.5070, -5.6730, -0.4446
Hunter-Lab	97.5014, -8.6165, 11.2081

Details

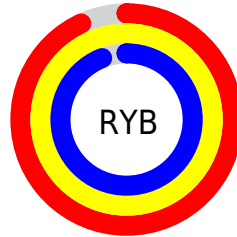
The XYZ color 88.4946, 95.0652, 93.8060 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 83.6356, 86.0612, 103.4751, and the grayscale version is 89.6838, 94.3543, 102.7519.

A 20% lighter version of the original color is 95.0500, 100.0000, 108.9000, and 49.5938, 53.5729, 51.4428 is the 20% darker color. If you saturate the color by 10%, you get 83.2000, 92.7330, 75.7362, and if you desaturate by 10%, it is 93.1980, 97.1734, 108.4520.

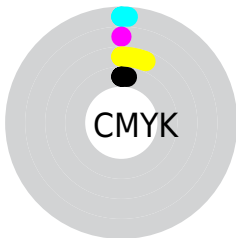
Distribution



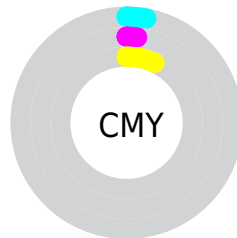
- Red (97%)
- Green (98%)
- Blue (93%)



- Red (93%)
- Yellow (98%)
- Blue (94%)



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



- Cyan (3%)
- Magenta (2%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 88.4946, 95.0652, 93.8060 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 88.4946, 95.0652, 93.8060 by changing the saturation by 10% instead.

88.4946, 95.0652,
93.8060

88.4946, 95.0652,
93.8060

511.4328,
544.3737, 561.2218

67.0649, 72.1892,
70.5502

144.1346,
154.3547, 154.5954

49.4083, 53.3133,
51.4957

179.0755,
191.5370, 192.9660

35.1593, 38.0529,
36.2238

219.2510,
234.2569, 237.2121

23.9527, 26.0238,
24.3160

265.0263,
282.8987, 287.7520

15.4231, 16.8414,
15.3538

316.7667,
337.8469, 345.0044

9.2051, 10.1215,
8.9187

374.8377,

4.9334, 5.4796,

399.4859, 409.3878

4.5921

439.6046,
468.2000, 481.3208

■ 2.2426, 2.5313,
1.9555

■ 0.7650, 0.8923,
0.5277

■ 88.4946, 95.0652,
93.8060

■ 88.4946, 95.0652,
93.8060

■ 83.2000, 92.7330,
75.7362

■ 93.1980, 97.1734,
108.4520

■ 78.4494, 90.6216,
60.2589

■ 93.7890, 97.4781,
108.4797

■ 74.2224, 88.7259,
47.2567

■ 70.4941, 87.0359,
36.6007

■ 67.2372, 85.5406,
28.1505

■ 64.4219, 84.2280,
21.7507

■ 62.0142, 83.0844,
17.2254

■ 59.9747, 82.0941,
14.3696

■ 58.2547, 81.2375,
12.9296

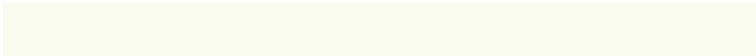
Harmonies

Analogous

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



90.4830, 95.0652, 92.5549



88.4946, 95.0652, 93.8060



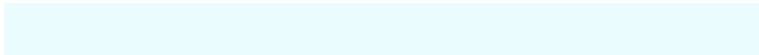
87.0246, 95.0652, 97.6288

Triad

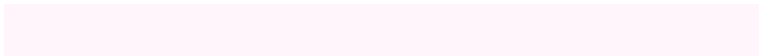
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



88.4946, 95.0652, 93.8060



88.2791, 95.0652, 113.4759



94.3836, 95.0652, 103.8719

Complementary

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



88.4946, 95.0652, 93.8060



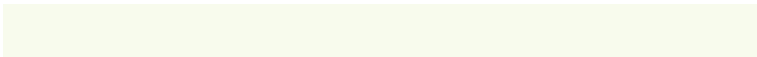
83.6356, 86.0612, 103.4751

Split Complementary

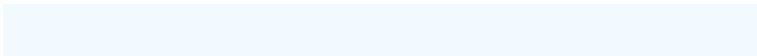
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



93.7726, 95.0652, 109.6225



88.4946, 95.0652, 93.8060



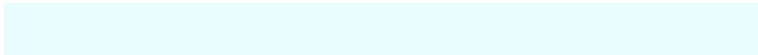
90.2304, 95.0652, 115.2968

Square

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



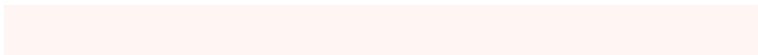
88.4946, 95.0652, 93.8060



86.9016, 95.0652, 108.9730



92.2446, 95.0652, 113.8608



93.9021, 95.0652, 98.2324

Rectangle

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



88.4946, 95.0652, 93.8060



86.5257, 95.0652, 101.1975



92.2446, 95.0652, 113.8608



94.2990, 95.0652, 105.8572

Sweetspot

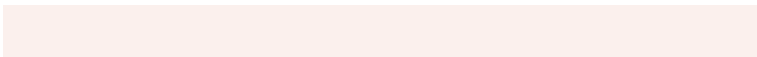
The Sweet Spot groups the original color and five complimentary colors.



88.4972, 95.0693, 93.8081



93.8382, 99.4689, 104.6139



86.1742, 88.8289, 92.7260



20.0980, 21.2960, 22.4366



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.



88.4972, 95.0693, 93.8081



90.9130, 98.1841, 94.3955



86.1304, 93.8491, 93.6973



18.5597, 20.0879, 19.1049



30.3846, 42.5821, 6.6177



2.9016, 3.9889, 0.6170

Inverse Universe

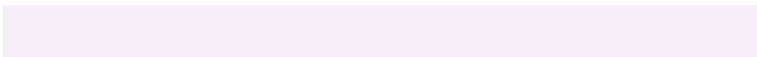
The Inverse Universe completely reimagines the original color for something new.



83.6356, 86.0612, 103.4751



84.6464, 86.5725, 106.8566



85.9872, 87.2735, 103.5852



17.1734, 17.5191, 21.8617



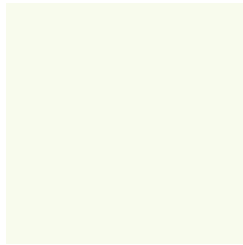
10.0469, 4.1220, 48.2397



1.0156, 0.4256, 4.4718

Previews

White Background



This preview shows how the XYZ color 88.4946, 95.0652, 93.8060 looks on a white background.

Color Contrast Check

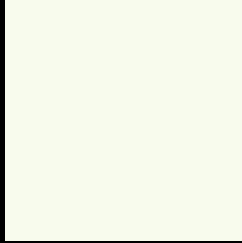
Large Text (above 18pt) WCAG AA × Fail

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 88.4946, 95.0652, 93.8060 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

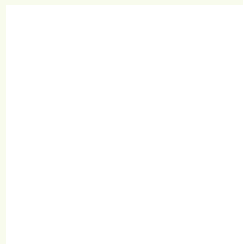
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 88.4946, 95.0652, 93.8060

Background



This preview shows how black text looks on a background with the XYZ color 88.4946, 95.0652, 93.8060.

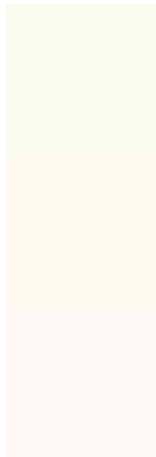


This preview shows how white text looks on a background with the XYZ color 88.4946, 95.0652,

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

88.4946, 95.0652, 93.8060

Protanopia

90.6957, 95.2434, 95.2650

Deuteranopia

91.5959, 95.1102, 101.5262

Tritanopia

91.0417, 94.6788, 108.0842

Trichromacy



Original Color

88.4946, 95.0652, 93.8060

Protanomaly

89.7631, 95.2397, 94.5410

Deuteranomaly

90.1982, 94.9179, 98.3610

Tritanomaly

89.8859, 94.6684, 102.3423

Monochromacy



Original Color

88.4946, 95.0652, 93.8060

Achromatopsia

90.0415, 94.7307, 103.1617

Achromatomaly

89.7340, 95.1035, 100.0135

CSS Examples

Text

The CSS property to change the color of the text to XYZ 88.4946, 95.0652, 93.8060 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(248, 251, 237) looks like.

```
.text, #text, p{  
    color:rgb(248, 251, 237)  
}
```

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(248, 251, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 251, 237) }
```

Border

The CSS property to change the border of an element to XYZ 88.4946, 95.0652, 93.8060 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(248, 251, 237) }
```


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

```
.border{ border-color:rgb(248, 251, 237) }
```

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

Here you see how a box with a 4 pixel rgb(248, 251, 237) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 251, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 251, 237);  
box-shadow:4px 4px 4px 4px rgb(248, 251,  
237) }
```

Background

The CSS property to change the background color of an element to XYZ 88.4946, 95.0652, 93.8060 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 251, 237) }
```

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

```
.background{ background-color: rgb(248,  
251, 237) }
```

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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