

Converting Colors

XYZ(88.4287, 93.7144, 97.7910)

Have a look what the booklet for
XYZ(88.4287, 93.7144, 97.7910)
contains.

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Color

**XYZ(88.3058, 93.5021,
97.3979)**

Conversions

Conversions Part 1

Format	Color
Hex	F8F8F2
RGB	248, 248, 242
RGB Percent	97%, 97%, 95%
CMY	0.0274, 0.0274, 0.0510
CMYK	0.00, 0.00, 0.02, 0.03
HSL	60°, 30%, 96%
HSV	60°, 2%, 97%
XYZ	88.3058, 93.5021, 97.3979
YIQ	247.3160, 1.9260, -1.8660

Conversions

Conversions Part 2

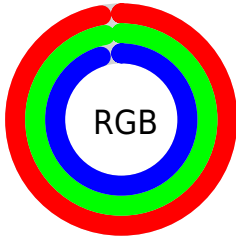
Format	Color
R _Y B	242, 248, 242
Decimal	16316658
CIE Lab	97.43, -1.04, 2.87
CIE LCh	97, 3.048, 109.922
Yxy	93.5021, 0.3163, 0.3349
Android (android.graphics.Color)	4294506738 (0xFF8F8F2)
YUV	247.3160, -2.6208, 0.5999
Hunter-Lab	96.6965, -6.2079, 7.9675

Details

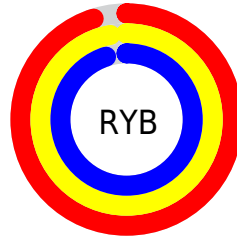
The XYZ color 88.3058, 93.5021, 97.3979 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 85.3170, 89.1614, 101.5250, and the grayscale version is 88.6871, 93.3057, 101.6099.

A 20% lighter version of the original color is 95.0500, 100.0000, 108.9000, and 49.4508, 52.4509, 53.9721 is the 20% darker color. If you saturate the color by 10%, you get 84.8249, 92.1119, 79.0915, and if you desaturate by 10%, it is 90.3380, 94.3187, 108.0518.

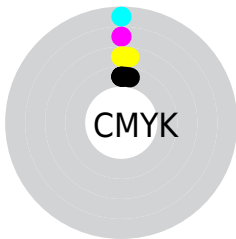
Distribution



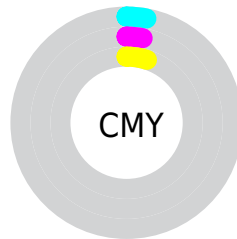
- Red (97%)
- Green (97%)
- Blue (95%)



- Red (95%)
- Yellow (97%)
- Blue (95%)



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





- Cyan (3%)
- Magenta (3%)
- Yellow (5%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 88.3058, 93.5021, 97.3979 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 88.3058, 93.5021, 97.3979 by changing the saturation by 10% instead.


 88.3058, 93.5021,
97.3979

 88.3058, 93.5021,
97.3979


510.8246,
539.3584, 572.9927

 66.9080, 70.8889,
73.5245


143.8732,
152.1936, 159.5972

 49.2803, 52.2515,
53.9105


178.7734,
189.0406, 198.7602

 35.0573, 37.2056,
38.1374


218.9052,
231.4011, 243.8568

 23.8737, 25.3667,
25.7867

264.6339,
279.6594, 295.3055

 15.3642, 16.3505,
16.4398

316.3248,
334.1998, 353.5250

 9.1634, 9.7725,
9.6782

374.3433,

 4.9059, 5.2484,

395.4069, 418.9336

5.0833

439.0548,
463.6650, 491.9500

■ 2.2263, 2.3937,
2.2366

■ 0.7566, 0.8227,
0.6954

■ 88.3058, 93.5021,
97.3979

■ 88.3058, 93.5021,
97.3979

■ 84.8249, 92.1119,
79.0915

■ 90.3380, 94.3187,
108.0518

■ 81.8264, 90.9117,
63.3372


■ 90.3448, 94.3223,
108.0521


■ 79.2913, 89.8969,
50.0234


■ 90.3516, 94.3258,
108.0524


■ 77.1966, 89.0582,
39.0282


■ 90.3585, 94.3293,
108.0527


 75.5170, 88.3856,
30.2191


 90.3653, 94.3328,
108.0530


 74.2248, 87.8679,
23.4501


 90.3721, 94.3363,
108.0534


 73.2889, 87.4928,
18.5577

 90.3790, 94.3399,
108.0537

 72.6736, 87.2459,
15.3532

 90.3858, 94.3434,
108.0540

 72.3355, 87.1099,
13.6084

 90.3926, 94.3469,
108.0543

Harmonies

Analogous

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



89.1621, 93.5021, 97.1928



88.3058, 93.5021, 97.3979



87.6052, 93.5021, 98.7738

Triad

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



88.3058, 93.5021, 97.3979



87.8051, 93.5021, 105.4938



90.5175, 93.5021, 102.6431

Complementary

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



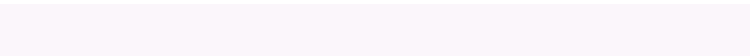
88.3058, 93.5021, 97.3979



85.3170, 89.1614, 101.5250

Split Complementary

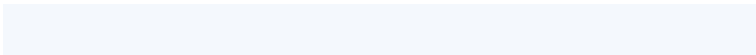
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



90.1488, 93.5021, 104.9034



88.3058, 93.5021, 97.3979



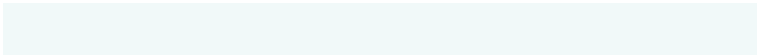
88.5804, 93.5021, 106.5668

Square

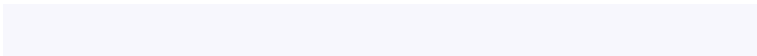
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



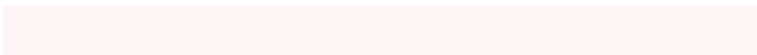
88.3058, 93.5021, 97.3979



87.3175, 93.5021, 103.4385



89.4385, 93.5021, 106.3490



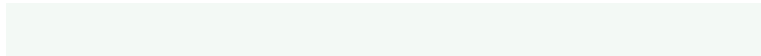
90.4427, 93.5021, 100.1945

Rectangle

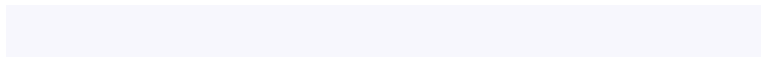
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



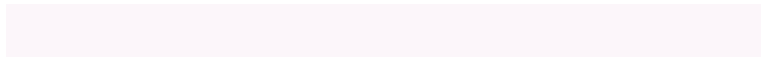
88.3058, 93.5021, 97.3979



87.3190, 93.5021, 100.1825



89.4385, 93.5021, 106.3490



90.4412, 93.5021, 103.4508

Sweetspot

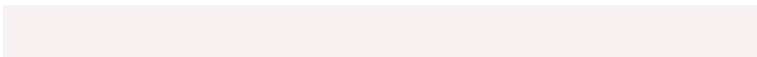
The Sweet Spot groups the original color and five complimentary colors.



88.3084, 93.5061, 97.3999



94.6414, 99.8365, 106.7520



86.4935, 89.8738, 96.7945



20.2615, 21.3708, 22.8720



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.



88.3084, 93.5061, 97.3999



93.8404, 99.5159, 102.5417



87.2541, 92.9626, 97.3506



19.1641, 20.3654, 20.6749



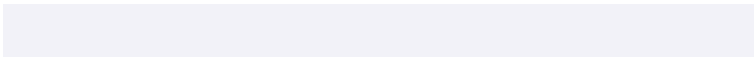
39.0088, 47.0281, 7.0213



3.6133, 4.3558, 0.6503

Inverse Universe

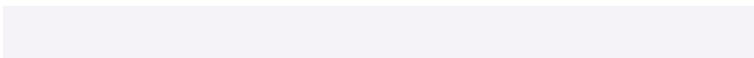
The Inverse Universe completely reimagines the original color for something new.



85.3170, 89.1614, 101.5250



89.9013, 93.7947, 107.9736



86.3544, 89.6962, 101.5736



18.1488, 18.8907, 22.0750



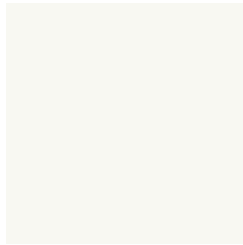
9.1546, 3.6621, 48.1979



0.8483, 0.3394, 4.4640

Previews

White Background



This preview shows how the XYZ color 88.3058, 93.5021, 97.3979 looks on a white background.

Color Contrast Check

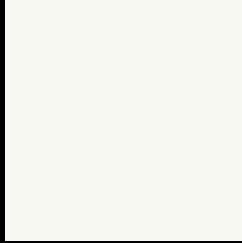
Large Text (above 18pt) WCAG AA × Fail

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 88.3058, 93.5021, 97.3979 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

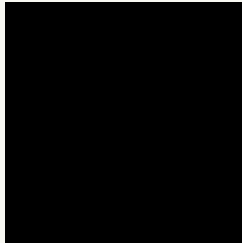
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

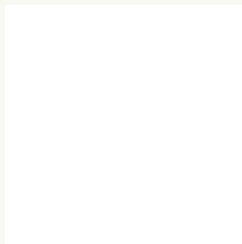
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 88.3058, 93.5021, 97.3979

Background



This preview shows how black text looks on a background with the XYZ color 88.3058, 93.5021, 97.3979.



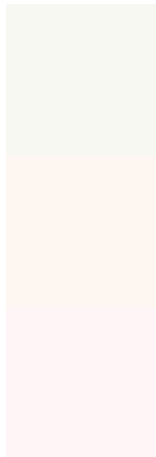
This preview shows how white text looks on a background with the XYZ color 88.3058, 93.5021,

97.379.

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

88.3058, 93.5021, 97.3979

Protanopia

89.3410, 93.1451, 96.4891

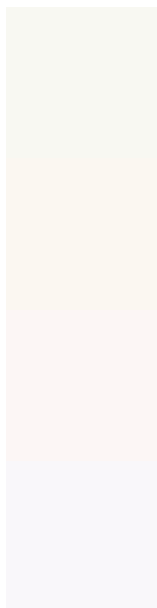
Deuteranopia

90.5270, 93.2186, 100.4105

Tritanopia

90.0727, 93.2713, 107.8636

Trichromacy



Original Color

88.3058, 93.5021, 97.3979

Protanomaly

88.9216, 93.3816, 96.5569

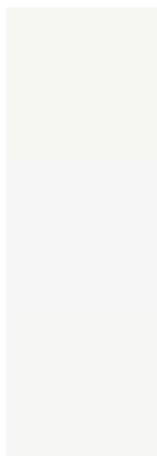
Deuteranomaly

89.5821, 93.1996, 99.6540

Tritanomaly

89.5830, 93.5634, 103.7805

Monochromacy



Original Color

88.3058, 93.5021, 97.3979

Achromatopsia

88.4070, 93.0111, 101.2891

Achromatomaly

88.1000, 92.8883, 99.6721

CSS Examples

Text

The CSS property to change the color of the text to XYZ 88.3058, 93.5021, 97.3979 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, 248, 242) looks like.

```
.text, #text, p{  
    color:rgb(248, 248, 242)  
}
```

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, 248, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 248, 242) }
```

Border

The CSS property to change the border of an element to XYZ 88.3058, 93.5021, 97.3979 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, 248, 242) }
```


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

```
.border{ border-color:rgb(248, 248, 242) }
```

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

Here you see how a box with a 4 pixel `rgb(248, 248, 242)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 248, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 248, 242);  
box-shadow:4px 4px 4px 4px rgb(248, 248,  
242) }
```

Background

The CSS property to change the background color of an element to XYZ 88.3058, 93.5021, 97.3979 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 248, 242) }
```

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

```
.background{ background-color: rgb(248,  
248, 242) }
```

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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