

Converting Colors

XYZ(88.0080, 93.9585, 90.5881)

Have a look what the booklet for
XYZ(88.0080, 93.9585, 90.5881)
contains.

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Color

**XYZ(88.0080, 93.9585,
90.5881)**

Conversions

Conversions Part 1

Format	Color
Hex	FAF9E9
RGB	250, 249, 233
RGB Percent	98%, 98%, 91%
CMY	0.0196, 0.0235, 0.0863
CMYK	0.00, 0.00, 0.07, 0.02
HSL	56°, 63%, 95%
HSV	56°, 7%, 98%
XYZ	88.0080, 93.9585, 90.5881
YIQ	247.4750, 5.7320, -4.7640

Conversions

Conversions Part 2

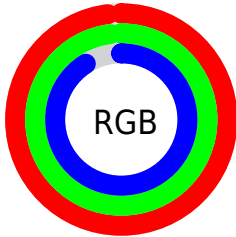
Format	Color
R_{YB}	234, 250, 233
Decimal	16447977
CIE Lab	97.62, -2.38, 7.78
CIE LCh	98, 8.140, 107.015
Yxy	93.9585, 0.3229, 0.3447
Android (android.graphics.Color)	4294638057 (0xFFFAF9E9)
YUV	247.4750, -7.1362, 2.2144
Hunter-Lab	96.9322, -7.5652, 12.4430

Details

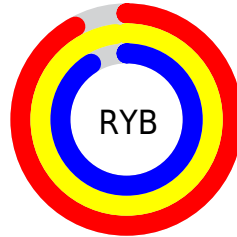
The XYZ color 88.0080, 93.9585, 90.5881 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 80.2824, 83.0702, 102.2464, and the grayscale version is 88.8500, 93.4771, 101.7966.

A 20% lighter version of the original color is 95.0500, 100.0000, 108.9000, and 49.2539, 52.7836, 49.1873 is the 20% darker color. If you saturate the color by 10%, you get 84.2370, 91.7320, 72.9419, and if you desaturate by 10%, it is 91.8066, 96.2078, 108.3390.

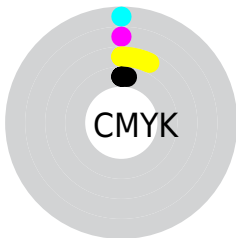
Distribution



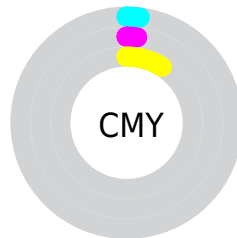
- Red (98%)
- Green (98%)
- Blue (91%)



- Red (92%)
- Yellow (98%)
- Blue (91%)



- Cyan (0%)
- Magenta (0%)
- Yellow (7%)
- Black (2%)





- Cyan (2%)
- Magenta (2%)
- Yellow (9%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 88.0080, 93.9585, 90.5881 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 88.0080, 93.9585, 90.5881 by changing the saturation by 10% instead.


 88.0080, 93.9585,
90.5881

 88.0080, 93.9585,
90.5881


509.8644,
540.8253, 550.5615

 66.6605, 71.2684,
67.8921

143.4608,
152.8249, 150.0977

 49.0785, 52.5613,
49.3438


178.2967,
189.7701, 187.7483

 34.8965, 37.4527,
34.5247


218.3596,
232.2358, 231.2208

 23.7493, 25.5582,
23.0164

264.0147,
280.6063, 280.9338

 15.2715, 16.4934,
14.4002

315.6274,
335.2662, 337.3059

 9.0977, 9.8740,
8.2576

373.5630,

 4.8626, 5.3155,

396.5997, 400.7555

4.1701

438.1869,
464.9913, 471.7011

■ 2.2008, 2.4335,
1.7191

■ 0.7432, 0.8431,
0.3738

■ 88.0080, 93.9585,
90.5881

■ 88.0080, 93.9585,
90.5881

■ 84.2370, 91.7320,
72.9419

■ 91.8066, 96.2078,
108.3390

■ 80.9518, 89.7024,
57.8483

■ 92.2644, 97.1234,
108.4916

■ 78.1324, 87.8647,
45.1900

■ 92.7257, 98.0460,
108.6453

■ 75.7542, 86.2091,
34.8381

■ 93.1906, 98.9758,
108.8003

■ 73.7907, 84.7250,
26.6521

■ 93.2348, 99.0642,
108.8151

■ 72.2120, 83.4003,
20.4757

■ 70.9846, 82.2218,
16.1322

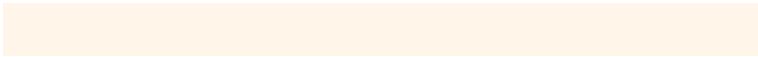
■ 70.0691, 81.1736,
13.4139

■ 69.4156, 80.2357,
12.0582

Harmonies

Analogous

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



90.3090, 93.9585, 90.3742



88.0080, 93.9585, 90.5881



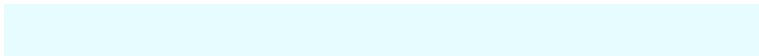
86.0867, 93.9585, 93.8537

Triad

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



88.0080, 93.9585, 90.5881



86.3029, 93.9585, 111.9206



93.7145, 93.9585, 105.1972

Complementary

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



88.0080, 93.9585, 90.5881



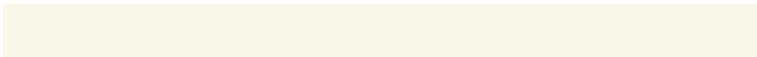
80.2824, 83.0702, 102.2464

Split Complementary

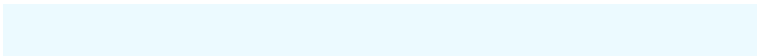
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



92.6020, 93.9585, 111.2486



88.0080, 93.9585, 90.5881



88.3079, 93.9585, 115.2418

Square

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



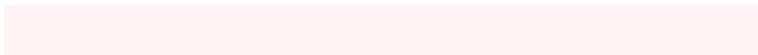
88.0080, 93.9585, 90.5881



85.1140, 93.9585, 106.0823



90.6141, 93.9585, 114.9907



93.6309, 93.9585, 98.6182

Rectangle

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



88.0080, 93.9585, 90.5881



85.2677, 93.9585, 97.4053



90.6141, 93.9585, 114.9907



93.4673, 93.9585, 107.3660

Sweetspot

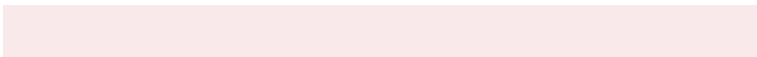
The Sweet Spot groups the original color and five complimentary colors.



88.0106, 93.9626, 90.5901



94.1444, 99.4855, 104.6010



83.4350, 84.5514, 89.8663



20.1603, 21.2994, 22.4339



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.



88.0106, 93.9626, 90.5901



91.5578, 97.9953, 92.3840



85.7305, 93.2451, 90.5718



18.6352, 20.0063, 18.3418



36.7630, 42.4826, 6.2623



3.4306, 3.9861, 0.5886

Inverse Universe

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



80.2824, 83.0702, 102.2464



82.1153, 84.6868, 106.6260



82.4553, 83.7709, 102.2671



16.3646, 16.8060, 21.7667



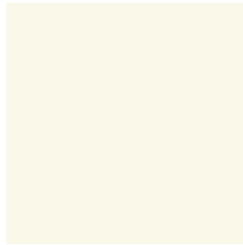
9.2730, 3.9016, 48.2379



0.8866, 0.4169, 4.4769

Previews

White Background



This preview shows how the XYZ color 88.0080, 93.9585, 90.5881 looks on a white background.

Color Contrast Check

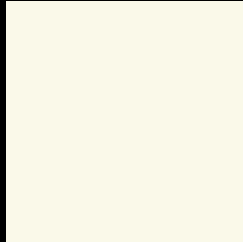
Large Text (above 18pt) WCAG AA × Fail

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 88.0080, 93.9585, 90.5881 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

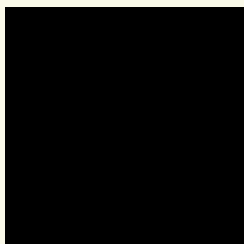
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

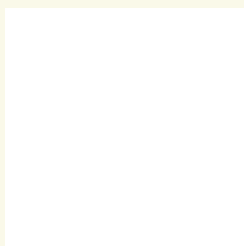
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 88.0080, 93.9585, 90.5881

Background



This preview shows how black text looks on a background with the XYZ color 88.0080, 93.9585, 90.5881.

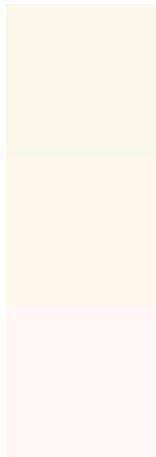


This preview shows how white text looks on a background with the XYZ color 88.0080, 93.9585,

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

88.0080, 93.9585, 90.5881

Protanopia

89.4962, 93.7797, 91.9816

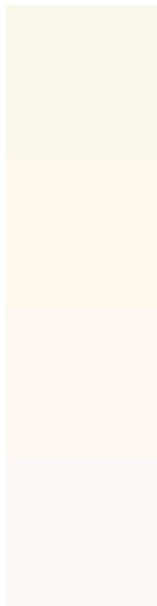
Deuteranopia

90.6772, 93.7641, 99.7053

Tritanopia

91.0944, 94.2508, 107.9988

Trichromacy



Original Color

88.0080, 93.9585, 90.5881

Protanomaly

88.9267, 93.9580, 91.2907

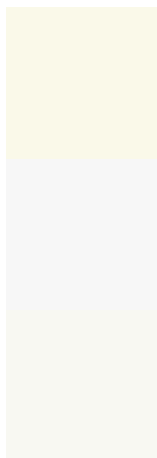
Deuteranomaly

89.6460, 93.7550, 96.5908

Tritanomaly

90.1396, 94.3594, 101.4580

Monochromacy



Original Color

88.0080, 93.9585, 90.5881

Achromatopsia

88.4070, 93.0111, 101.2891

Achromatomaly

88.3058, 93.5021, 97.3979

CSS Examples

Text

The CSS property to change the color of the text to XYZ 88.0080, 93.9585, 90.5881 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(250, 249, 233) looks like.

```
.text, #text, p{  
    color:rgb(250, 249, 233)  
}
```

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(250, 249, 233) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 249, 233) }
```

Border

The CSS property to change the border of an element to XYZ 88.0080, 93.9585, 90.5881 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(250, 249, 233) }
```


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

```
.border{ border-color:rgb(250, 249, 233) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 249, 233)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 249, 233); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 249, 233);  
box-shadow:4px 4px 4px 4px rgb(250, 249,  
233) }
```

Background

The CSS property to change the background color of an element to XYZ 88.0080, 93.9585, 90.5881 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 249, 233) }
```

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

```
.background{ background-color: rgb(250,  
249, 233) }
```

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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