

Converting Colors

XYZ(88.9774, 97.3709, 85.9578)

Have a look what the booklet for
XYZ(88.9774, 97.3709, 85.9578)
contains.

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Color

**XYZ(88.9118, 97.3350,
86.0529)**

Conversions

Conversions Part 1

Format	Color
Hex	FAFFE2
RGB	250, 255, 226
RGB Percent	98%, 100%, 89%
CMY	0.0196, 0.0000, 0.1137
CMYK	0.02, 0.00, 0.11, 0.00
HSL	70°, 100%, 94%
HSV	70°, 11%, 100%
XYZ	88.9118, 97.3350, 86.0529
YIQ	250.1990, 6.3290, -10.0790

Conversions

Conversions Part 2

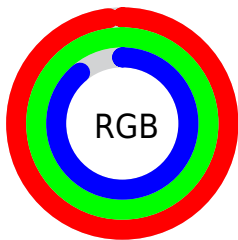
Format	Color
R _Y B	226, 255, 231
Decimal	16449506
CIE Lab	98.96, -6.52, 13.30
CIE LCh	99, 14.806, 116.112
Yxy	97.3350, 0.3265, 0.3575
Android (android.graphics.Color)	4294639586 (0xFFFAFFE2)
YUV	250.1990, -11.9301, -0.1745
Hunter-Lab	98.6585, -11.7868, 17.3464

Details

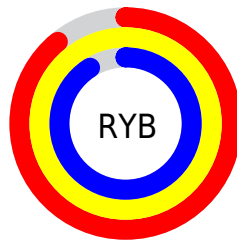
The XYZ color **88.9118, 97.3350, 86.0529** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **78.2022, 78.6029, 105.6579**, and the grayscale version is **91.1220, 95.8674, 104.3996**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **49.5371, 54.6659, 46.4688** is the 20% darker color. If you saturate the color by 10%, you get **84.1118, 95.2351, 68.9007**, and if you desaturate by 10%, it is **94.2703, 99.6625, 105.9504**.

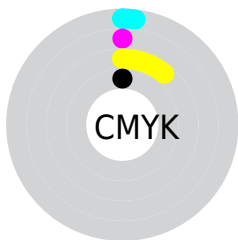
Distribution



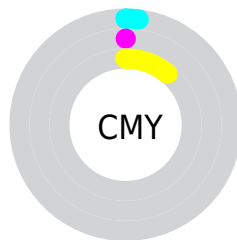
- Red (98%)
- Green (100%)
- Blue (89%)



- Red (89%)
- Yellow (100%)
- Blue (91%)



- Cyan (2%)
- Magenta (0%)
- Yellow (11%)
- Black (0%)





- Cyan (2%)
- Magenta (0%)
- Yellow (11%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 88.9118, 97.3350, 86.0529 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 88.9118, 97.3350, 86.0529 by changing the saturation by 10% instead.


 88.9118, 97.3350,
86.0529

 88.9118, 97.3350,
86.0529


512.7754,
551.6135, 535.3408

 67.4117, 74.0799,
64.1566


144.7120,
157.4866, 143.7305

 49.6912, 54.8595,
46.3305

179.7428,
195.1519, 180.3489

 35.3849, 39.2892,
32.1562


220.0146,
238.3894, 222.7116

 24.1274, 26.9848,
21.2150

265.8927,
287.5834, 271.2374

 15.5534, 17.5618,
13.0885

317.7424,
343.1185, 326.3446

 9.2975, 10.6358,
7.3581

375.9293,

 4.9944, 5.8225,

405.3789, 388.4519

3.6052

440.8185,
474.7491, 457.9778

■ 2.2787, 2.7375,
1.4114

■ 0.7837, 0.9963,
0.1506

■ 88.9118, 97.3350,
86.0529

■ 88.9118, 97.3350,
86.0529

■ 84.1118, 95.2351,
68.9007

■ 94.2703, 99.6625,
105.9504

■ 79.8451, 93.3528,
54.3691

■ 95.0500, 100.0000,
108.9000

■ 76.0877, 91.6784,
42.3298

■ 72.8126, 90.2010,
32.6423

■ 69.9901, 88.9088,
25.1522

■ 67.5872, 87.7886,
19.6863

■ 65.5658, 86.8250,
16.0459

■ 63.8803, 85.9998,
13.9919

■ 62.6356, 85.3749,
13.1778

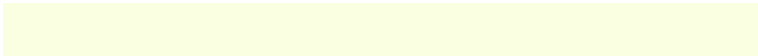
Harmonies

Analogous

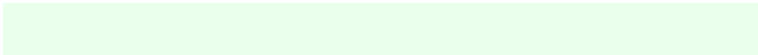
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



93.0775, 97.3350, 84.0072



88.9118, 97.3350, 86.0529



85.7990, 97.3350, 93.2822

Triad

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



88.9118, 97.3350, 86.0529



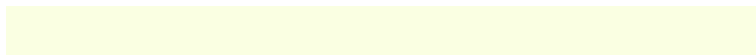
87.9665, 97.3350, 126.9455



101.0372, 97.3350, 107.6001

Complementary

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



88.9118, 97.3350, 86.0529



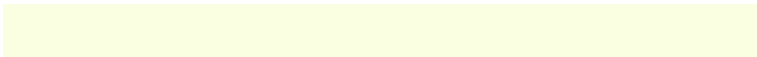
78.2022, 78.6029, 105.6579

Split Complementary

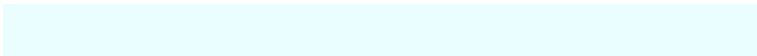
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



99.5705, 97.3350, 119.7836



88.9118, 97.3350, 86.0529



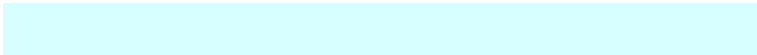
91.9527, 97.3350, 131.4876

Square

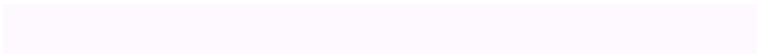
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



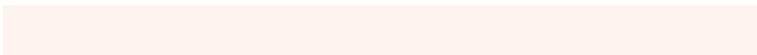
88.9118, 97.3350, 86.0529



85.2653, 97.3350, 116.7820



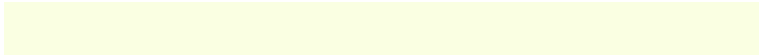
96.2122, 97.3350, 128.7708



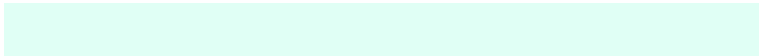
100.1623, 97.3350, 95.8679

Rectangle

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



88.9118, 97.3350, 86.0529



84.6946, 97.3350, 100.3819



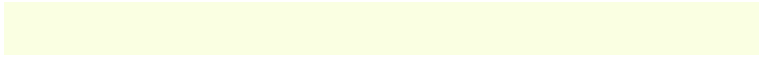
96.2122, 97.3350, 128.7708



100.8005, 97.3350, 111.7851

Sweetspot

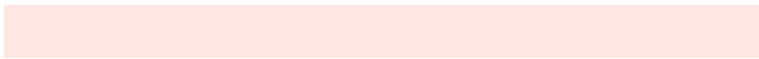
The Sweet Spot groups the original color and five complimentary colors.



88.9125, 97.3353, 86.0543



93.3591, 99.2678, 102.5192



83.4975, 83.8106, 83.7292



19.8878, 21.2063, 21.5876



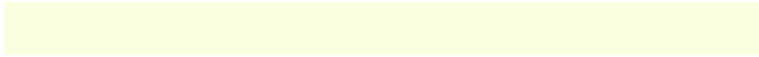
0.0000, 0.0000, 0.0000



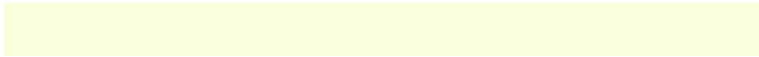
20.3446, 21.4041, 23.3091

Same Dimension

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



88.9125, 97.3353, 86.0543



87.5977, 96.7617, 81.2851



83.9697, 94.7872, 85.8230



19.2359, 20.9230, 19.1690



32.8412, 44.6683, 6.8909



3.2749, 4.3891, 0.6746

Inverse Universe

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



78.2022, 78.6029, 105.6579



74.6530, 74.1204, 104.9798



83.0197, 81.0864, 105.8834



17.2948, 17.5282, 22.7217



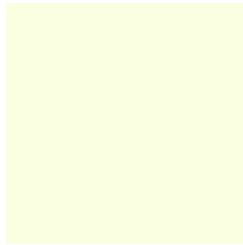
10.0577, 4.0954, 49.6950



1.0562, 0.4384, 4.8422

Previews

White Background



This preview shows how the XYZ color 88.9118, 97.3350, 86.0529 looks on a white background.

Color Contrast Check

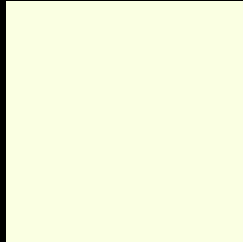
Large Text (above 18pt) WCAG AA × Fail

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 88.9118, 97.3350, 86.0529 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

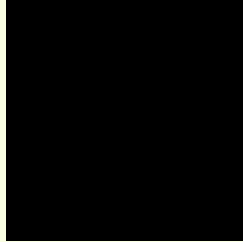
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 88.9118, 97.3350, 86.0529

Background



This preview shows how black text looks on a background with the XYZ color 88.9118, 97.3350, 86.0529.



This preview shows how white text looks on a background with the XYZ color 88.9118, 97.3350,

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

88.9118, 97.3350, 86.0529



Protanopia

92.5318, 97.4734, 100.3235

Deuteranopia

92.9925, 97.1565, 104.2943

Tritanopia

93.0552, 97.0970, 108.4448

Trichromacy



Original Color

88.9118, 97.3350, 86.0529



Protanomaly

91.0659, 97.3063, 94.8712

Deuteranomaly

91.1956, 96.8543, 97.1073

Tritanomaly

91.2844, 96.8479, 99.4703

Monochromacy



Original Color

88.9118, 97.3350, 86.0529



Achromatopsia

90.8653, 95.5973, 104.1055



Achromatomaly

90.1119, 96.2957, 97.0566

CSS Examples

Text

The CSS property to change the color of the text to XYZ 88.9118, 97.3350, 86.0529 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, 255, 226)` looks like.

```
.text, #text, p{  
    color:rgb(250, 255, 226)  
}
```

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, 255, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 255, 226) }
```

Border

The CSS property to change the border of an element to XYZ 88.9118, 97.3350, 86.0529 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, 255, 226) }
```


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

```
.border{ border-color:rgb(250, 255, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 255, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 255, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 255, 226);  
box-shadow:4px 4px 4px 4px rgb(250, 255,  
226) }
```

Background

The CSS property to change the background color of an element to XYZ 88.9118, 97.3350, 86.0529 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 255, 226) }
```

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

```
.background{ background-color: rgb(250,  
255, 226) }
```

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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