

Converting Colors

XYZ(89.1804, 97.4180, 88.5693)

Have a look what the booklet for
XYZ(89.1804, 97.4180, 88.5693)
contains.

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Color

**XYZ(88.9698, 97.3169,
88.2236)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | F9FFE5 |
| RGB | 249, 255, 229 |
| RGB Percent | 98%, 100%, 90% |
| CMY | 0.0235, 0.0000, 0.1020 |
| CMYK | 0.02, 0.00, 0.10, 0.00 |
| HSL | 74°, 100%, 95% |
| HSV | 74°, 10%, 100% |
| XYZ | 88.9698, 97.3169, 88.2236 |
| YIQ | 250.2420, 4.7700, -9.3580 |

Conversions

Conversions Part 2

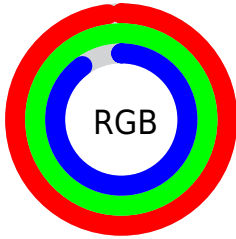
| Format | Color |
|-------------------------------------|--------------------------------|
| R_{YB} | 229, 255, 235 |
| Decimal | 16383973 |
| CIE _{Lab} | 98.95, -6.38, 11.74 |
| CIE _{LCh} | 99, 13.362, 118.518 |
| Yxy | 97.3169, 0.3241, 0.3545 |
| Android (android.graphics.Color) | 4294574053 (0xFFFF9FFE5) |
| YUV | 250.2420, -10.4723, -1.0892 |
| Hunter-Lab | 98.6493, -11.6508, 16.0306 |

Details

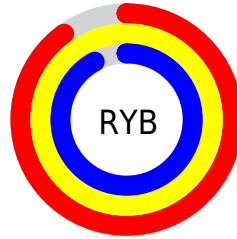
The XYZ color 88.9698, 97.3169, 88.2236 is a light color, and the websafe version is hex FFFFC. A complement of this color would be 80.3311, 80.9220, 105.9934, and the grayscale version is 91.1468, 95.8936, 104.4281.

A 20% lighter version of the original color is 95.0500, 100.0000, 108.9000, and 49.8264, 54.7816, 47.9922 is the 20% darker color. If you saturate the color by 10%, you get 83.6021, 94.9313, 70.7313, and if you desaturate by 10%, it is 94.9276, 99.9462, 108.4763.

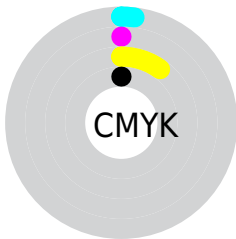
Distribution



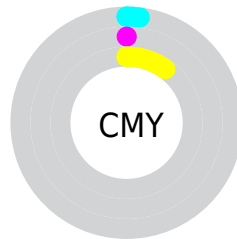
- Red (98%)
- Green (100%)
- Blue (90%)



- Red (90%)
- Yellow (100%)
- Blue (92%)



- Cyan (2%)
- Magenta (0%)
- Yellow (10%)
- Black (0%)





- Cyan (2%)
- Magenta (0%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 88.9698, 97.3169, 88.2236 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 88.9698, 97.3169, 88.2236 by changing the saturation by 10% instead.


 88.9698, 97.3169,
88.2236

 88.9698, 97.3169,
88.2236


512.9619,
551.5560, 542.6555

 67.4600, 74.0648,
65.9429


144.7922,
157.4616, 146.7823

 49.7306, 54.8471,
47.7698


179.8355,
195.1231, 183.8973

 35.4163, 39.2793,
33.2860


220.1207,
238.3565, 226.7942

 24.1518, 26.9771,
22.0727

266.0130,
287.5462, 275.8915

 15.5716, 17.5560,
13.7115

317.8780,
343.0766, 331.6078

 9.3104, 10.6317,
7.7838

376.0809,

 5.0029, 5.8198,

405.3321, 394.3615

3.8712

440.9871,
474.6971, 464.5712

■ 2.2838, 2.7358,
1.5549

■ 0.7863, 0.9954,
0.2584

■ 88.9698, 97.3169,
88.2236

■ 88.9698, 97.3169,
88.2236

■ 83.6021, 94.9313,
70.7313

94.9276, 99.9462,
108.4763

■ 78.7991, 92.7792,
55.8755

95.0500, 100.0000,
108.9000

■ 74.5367, 90.8506,
43.5292

■ 70.7876, 89.1349,
33.5532

■ 67.5224, 87.6199,
25.7948

■ 64.7081, 86.2926,
20.0835

■ 62.3068, 85.1376,
16.2240

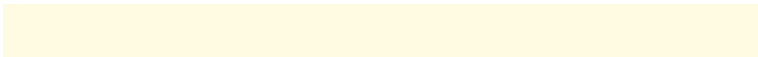
■ 60.2737, 84.1370,
13.9831

■ 58.5669, 83.2774,
12.9873

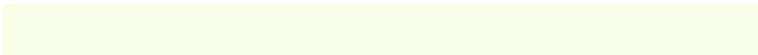
Harmonies

Analogous

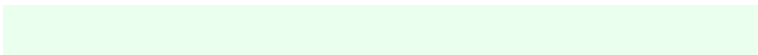
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



92.6905, 97.3169, 85.9484



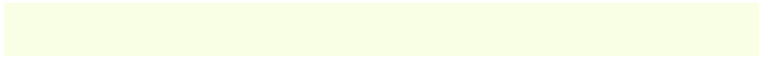
88.9698, 97.3169, 88.2236



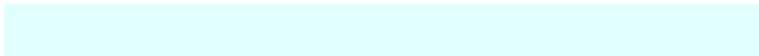
86.2606, 97.3169, 95.1586

Triad

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



88.9698, 97.3169, 88.2236



88.6435, 97.3169, 125.3097



100.1812, 97.3169, 106.5169

Complementary

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



88.9698, 97.3169, 88.2236



80.3311, 80.9220, 105.9934

Split Complementary

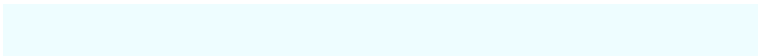
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



99.0265, 97.3169, 117.5527



88.9698, 97.3169, 88.2236



92.3034, 97.3169, 128.8627

Square

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



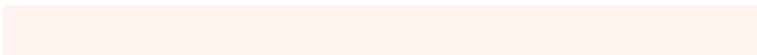
88.9698, 97.3169, 88.2236



86.0760, 97.3169, 116.5267



96.1158, 97.3169, 125.9307



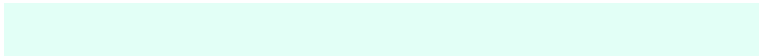
99.2293, 97.3169, 96.0552

Rectangle

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



88.9698, 97.3169, 88.2236



85.3553, 97.3169, 101.7522



96.1158, 97.3169, 125.9307



100.0259, 97.3169, 110.2854

Sweetspot

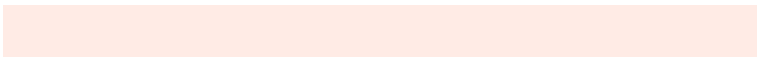
The Sweet Spot groups the original color and five complimentary colors.



88.9705, 97.3172, 88.2250



93.1961, 99.1838, 102.5116



84.9870, 86.1251, 86.2747



19.8437, 21.1835, 21.5855



0.0000, 0.0000, 0.0000



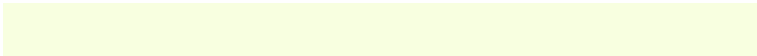
20.3446, 21.4041, 23.3091

Same Dimension

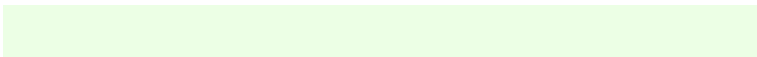
The Same Dimension uses a secret algorithm to generate beautiful new colors.



88.9705, 97.3172, 88.2250



87.9588, 96.8689, 84.8674



84.6176, 95.0732, 88.0213



19.1273, 20.8671, 19.1640



30.7397, 43.5850, 6.7926



3.0879, 4.2926, 0.6658

Inverse Universe

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



80.3311, 80.9220, 105.9934



77.9172, 77.8123, 105.5203



84.6516, 83.1493, 106.1955



17.3951, 17.5799, 22.7264



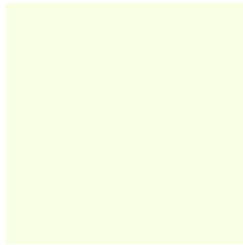
10.4758, 4.3109, 49.7145



1.1106, 0.4665, 4.8448

Previews

White Background



This preview shows how the XYZ color 88.9698, 97.3169, 88.2236 looks on a white background.

Color Contrast Check

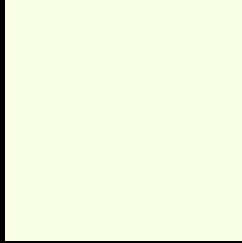
Large Text (above 18pt) WCAG AA × Fail

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 88.9698, 97.3169, 88.2236 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

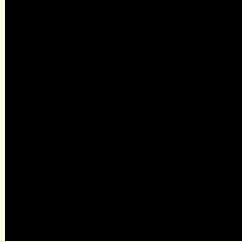
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 88.9698, 97.3169, 88.2236

Background



This preview shows how black text looks on a background with the XYZ color 88.9698, 97.3169, 88.2236.

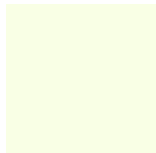


This preview shows how white text looks on a background with the XYZ color 88.9698, 97.3169,

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

88.9698, 97.3169, 88.2236



Protanopia

92.5318, 97.4734, 100.3235

Deuteranopia

92.9925, 97.1565, 104.2943

Tritanopia

92.6921, 96.9098, 108.4278

Trichromacy



Original Color

88.9698, 97.3169, 88.2236

Protanomaly

91.2133, 97.3652, 95.6473

Deuteranomaly

91.3454, 96.9143, 97.8963

Tritanomaly

91.2286, 96.7839, 101.0617

Monochromacy



Original Color

88.9698, 97.3169, 88.2236

Achromatopsia

90.8653, 95.5973, 104.1055

Achromatomaly

90.2618, 96.3556, 97.8456

CSS Examples

Text

The CSS property to change the color of the text to XYZ 88.9698, 97.3169, 88.2236 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(249, 255, 229) looks like.

```
.text, #text, p{  
    color:rgb(249, 255, 229)  
}
```

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(249, 255, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 255, 229) }
```

Border

The CSS property to change the border of an element to XYZ 88.9698, 97.3169, 88.2236 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(249, 255, 229) }
```


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

```
.border{ border-color:rgb(249, 255, 229) }
```

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

Here you see how a box with a 4 pixel rgb(249, 255, 229) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 255, 229); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 255, 229);  
box-shadow:4px 4px 4px 4px rgb(249, 255,  
229) }
```

Background

The CSS property to change the background color of an element to XYZ 88.9698, 97.3169, 88.2236 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 255, 229) }
```

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

```
.background{ background-color: rgb(249,  
255, 229) }
```

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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