

Converting Colors

XYZ(84.9380, 93.1032, 78.4598)

Have a look what the booklet for
XYZ(84.9380, 93.1032, 78.4598)
contains.

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Color

**XYZ(84.9380, 93.1032,
78.4598)**

Conversions

Conversions Part 1

Format	Color
Hex	F7FAD8
RGB	247, 250, 216
RGB Percent	97%, 98%, 85%
CMY	0.0314, 0.0196, 0.1529
CMYK	0.01, 0.00, 0.14, 0.02
HSL	65°, 77%, 91%
HSV	65°, 14%, 98%
XYZ	84.9380, 93.1032, 78.4598
YIQ	245.2270, 9.1260, -11.2100

Conversions

Conversions Part 2

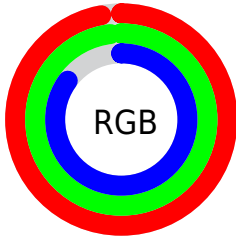
Format	Color
R _Y B	216, 250, 219
Decimal	16251608
CIE Lab	97.27, -6.63, 15.99
CIE LCh	97, 17.306, 112.509
Yxy	93.1032, 0.3311, 0.3630
Android (android.graphics.Color)	4294441688 (0xFFF7FAD8)
YUV	245.2270, -14.4089, 1.5549
Hunter-Lab	96.4900, -11.7279, 19.3320

Details

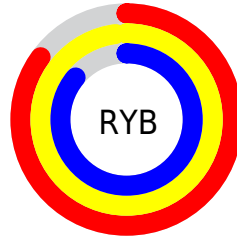
The XYZ color **84.9380, 93.1032, 78.4598** is a light color, and the websafe version is hex **FFFCC**. A complement of this color would be **71.0283, 71.0765, 100.4230**, and the grayscale version is **87.0831, 91.6182, 99.7722**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **47.2107, 52.2331, 41.3120** is the 20% darker color. If you saturate the color by 10%, you get **81.1750, 91.5116, 62.6762**, and if you desaturate by 10%, it is **89.2070, 94.9045, 96.8379**.

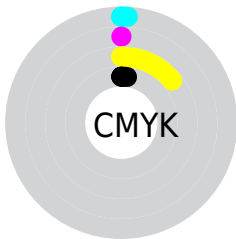
Distribution



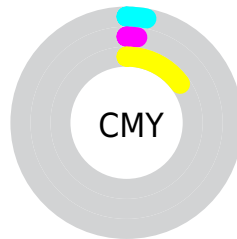
- Red (97%)
- Green (98%)
- Blue (85%)



- Red (85%)
- Yellow (98%)
- Blue (86%)



- Cyan (1%)
- Magenta (0%)
- Yellow (14%)
- Black (2%)





- Cyan (3%)
- Magenta (2%)
- Yellow (15%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 84.9380, 93.1032, 78.4598 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 84.9380, 93.1032, 78.4598 by changing the saturation by 10% instead.


 84.9380, 93.1032,
78.4598

 84.9380, 93.1032,
78.4598


499.9097,
538.0746, 509.2962

 64.1125, 70.5573,
57.9331

139.2010,
151.6415, 132.9899

 47.0038, 51.9810,
41.3405


173.3692,
188.4026, 167.8303

 33.2466, 36.9899,
28.2635

212.7157,
230.6710, 208.2790

 22.4756, 25.1997,
18.2836

257.6058,
278.8309, 254.7546

 14.3253, 16.2259,
10.9823

308.4049,
333.2669, 307.6755

 8.4305, 9.6841,
5.9409

365.4784,

 4.4257, 5.1900,

394.3632, 367.4604

2.7410

429.1915,
462.5043, 434.5278

■ 1.9457, 2.3592,
0.9639

■ 0.6032, 0.8048,
0.0000

■ 84.9380, 93.1032,
78.4598

■ 84.9380, 93.1032,
78.4598

■ 81.1750, 91.5116,
62.6762

■ 89.2070, 94.9045,
96.8379

■ 77.8885, 90.1086,
49.3643

■ 92.1726, 96.1823,
108.3148

■ 75.0569, 88.8886,
38.4007

■ 92.9751, 96.5960,
108.3523

■ 72.6544, 87.8413,
29.6486

■ 93.4775, 96.8550,
108.3758

■ 70.6523, 86.9551,
22.9576

■ 69.0183, 86.2174,
18.1580

■ 67.7153, 85.6130,
15.0536

■ 66.6977, 85.1238,
13.4053

■ 66.1540, 84.8544,
12.8918

Harmonies

Analogous

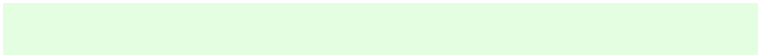
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



89.7242, 93.1032, 76.9330



84.9380, 93.1032, 78.4598



81.2335, 93.1032, 85.8401

Triad

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



84.9380, 93.1032, 78.4598



82.8873, 93.1032, 124.2953



98.1531, 93.1032, 104.9275

Complementary

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



84.9380, 93.1032, 78.4598



71.0283, 71.0765, 100.4230

Split Complementary

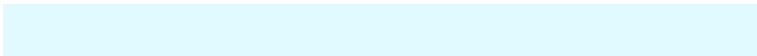
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



96.1701, 93.1032, 118.6762



84.9380, 93.1032, 78.4598



87.2708, 93.1032, 130.5092

Square

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



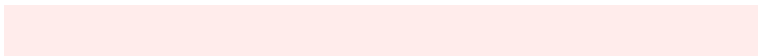
84.9380, 93.1032, 78.4598



80.0803, 93.1032, 112.0447



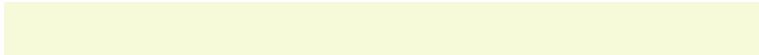
92.1434, 93.1032, 128.3635



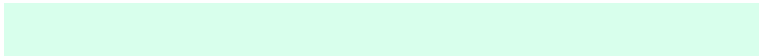
97.4726, 93.1032, 91.4024

Rectangle

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



84.9380, 93.1032, 78.4598



79.8169, 93.1032, 93.4878



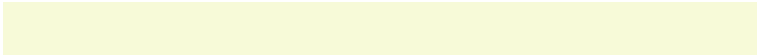
92.1434, 93.1032, 128.3635



97.7735, 93.1032, 109.6907

Sweetspot

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



84.9405, 93.1073, 78.4618



93.1200, 99.1898, 100.4638



77.1101, 75.8605, 75.5455



19.8559, 21.1989, 21.1747



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

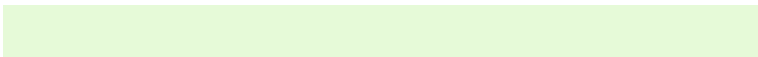
The Same Dimension uses a secret algorithm to generate beautiful new colors.



84.9405, 93.1073, 78.4618



87.8490, 96.9678, 77.8388



79.2703, 90.1842, 78.1964



18.5672, 20.1082, 18.3651



35.1514, 45.0395, 6.8408



3.2987, 4.1936, 0.6356

Inverse Universe

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



71.0283, 71.0765, 100.4230



71.0026, 70.2900, 104.4328



76.3509, 73.8204, 100.6721



16.4252, 16.7163, 21.7462



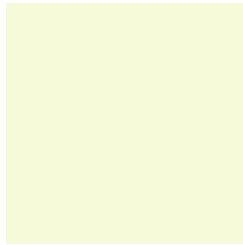
9.3782, 3.7773, 48.2084



0.9154, 0.3740, 4.4671

Previews

White Background



This preview shows how the XYZ color 84.9380, 93.1032, 78.4598 looks on a white background.

Color Contrast Check

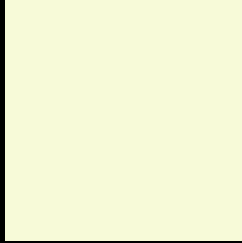
Large Text (above 18pt) WCAG AA × Fail

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 84.9380, 93.1032, 78.4598 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

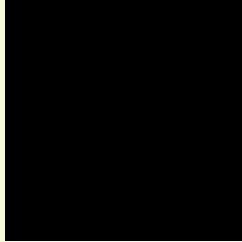
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 84.9380, 93.1032, 78.4598

Background



This preview shows how black text looks on a background with the XYZ color 84.9380, 93.1032, 78.4598.



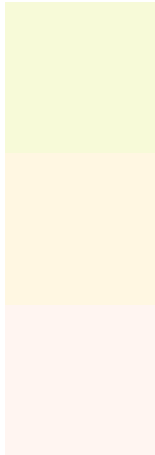
This preview shows how white text looks on a background with the XYZ color 84.9380, 93.1032,

78.4598.

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

84.9380, 93.1032, 78.4598

Protanopia

88.2282, 93.2725, 85.3048

Deuteranopia

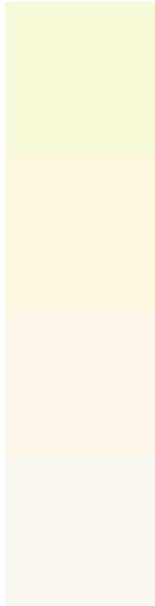
89.7696, 92.9157, 96.4222



Tritanopia

90.1267, 92.8488, 107.7792

Trichromacy



Original Color

84.9380, 93.1032, 78.4598

Protanomaly

86.8971, 93.1042, 82.4982

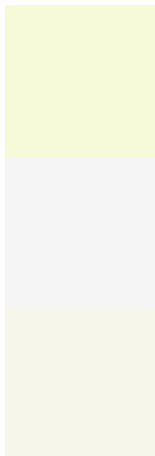
Deuteranomaly

87.9711, 93.0432, 89.6665

Tritanomaly

88.2049, 93.0121, 96.5233

Monochromacy



Original Color

84.9380, 93.1032, 78.4598

Achromatopsia

86.7900, 91.3099, 99.4364

Achromatomaly

86.1181, 92.0549, 91.0714

CSS Examples

Text

The CSS property to change the color of the text to XYZ 84.9380, 93.1032, 78.4598 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(247, 250, 216)` looks like.

```
.text, #text, p{  
    color:rgb(247, 250, 216)  
}
```

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(247, 250, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 250, 216) }
```

Border

The CSS property to change the border of an element to XYZ 84.9380, 93.1032, 78.4598 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(247, 250, 216) }
```


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

```
.border{ border-color:rgb(247, 250, 216) }
```

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

Here you see how a box with a 4 pixel `rgb(247, 250, 216)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 250, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 250, 216);  
box-shadow:4px 4px 4px 4px rgb(247, 250,  
216) }
```

Background

The CSS property to change the background color of an element to XYZ 84.9380, 93.1032, 78.4598 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 250, 216) }
```

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

```
.background{ background-color: rgb(247,  
250, 216) }
```

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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