

Converting Colors

XYZ(98.1096, 100.0000,
81.4650)

Have a look what the booklet for
XYZ(98.1096, 100.0000, 81.4650)
contains.

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Color

**XYZ(88.2118, 94.7457,
80.6563)**

Conversions

Conversions Part 1

Format	Color
Hex	FFFADB
RGB	255, 250, 219
RGB Percent	100%, 98%, 86%
CMY	0.0000, 0.0196, 0.1412
CMYK	0.00, 0.02, 0.14, 0.00
HSL	52°, 100%, 93%
HSV	52°, 14%, 100%
XYZ	88.2118, 94.7457, 80.6563
YIQ	247.9610, 12.9310, -8.5810

Conversions

Conversions Part 2

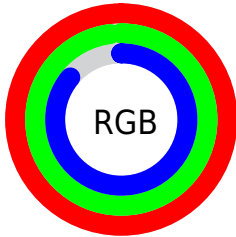
Format	Color
RYB	225, 255, 219
Decimal	16775899
CIELab	97.93, -3.37, 15.47
CIELCh	98, 15.834, 102.288
Yxy	94.7457, 0.3346, 0.3594
Android (android.graphics.Color)	4294965979 (0xFFFFFADB)
YUV	247.9610, -14.2778, 6.1732
Hunter-Lab	97.3374, -8.5752, 19.0069

Details

The XYZ color **88.2118, 94.7457, 80.6563** is a light color, and the websafe version is hex **FFFCC**. A complement of this color would be **73.9185, 75.5893, 105.3020**, and the grayscale version is **89.2989, 93.9494, 102.3108**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **49.2813, 53.2697, 42.8066** is the 20% darker color. If you saturate the color by 10%, you get **84.0203, 91.3299, 63.9462**, and if you desaturate by 10%, it is **92.9426, 98.4165, 100.0858**.

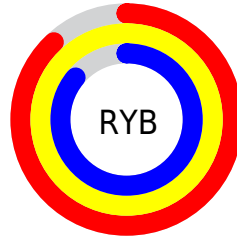
Distribution



Red (100%)

Green (98%)

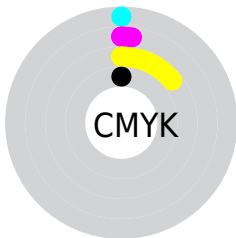
Blue (86%)



Red (88%)

Yellow (100%)

Blue (86%)

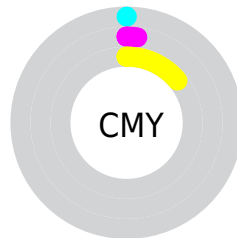


Cyan (0%)

Magenta (2%)

Yellow (14%)

Black (0%)



Cyan (0%)


Magenta (2%)


Yellow (14%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 88.2118, 94.7457, 80.6563 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 88.2118, 94.7457, 80.6563 by changing the saturation by 10% instead.


 88.2118, 94.7457,
80.6563

 88.2118, 94.7457,
80.6563


510.5216,
543.3505, 516.9068

 66.8299, 71.9233,
59.7292

143.7430,
153.9132, 136.1078

 49.2166, 53.0961,
42.7766


178.6230,
191.0272, 171.4693

 35.0065, 37.8795,
29.3797


218.7330,
233.6738, 212.4793

 23.8345, 25.8891,
19.1202

264.4385,
282.2375, 259.5565

 15.3349, 16.7407,
11.5795

316.1047,
337.1026, 313.1193

 9.1426, 10.0498,
6.3390

374.0971,

 4.8922, 5.4320,

398.6535, 373.5862

2.9802

438.7809,
467.2747, 441.3759

■ 2.2182, 2.5029,
1.0845

■ 0.7523, 0.8781,
0.0000

■ 88.2118, 94.7457,
80.6563

■ 88.2118, 94.7457,
80.6563

■ 84.0203, 91.3299,
63.9462

■ 92.9426, 98.4165,
100.0858

■ 80.3382, 88.1474,
49.8266

95.0500, 100.0000,
108.9000

■ 77.1423, 85.1921,
38.1671

■ 74.4052, 82.4528,
28.8236

■ 72.0966, 79.9172,
21.6371

■ 70.1824, 77.5714,
16.4283

■ 68.6230, 75.3994,
12.9893

■ 67.3698, 73.3816,
11.0653

■ 66.7352, 72.2503,
10.4284

Harmonies

Analogous

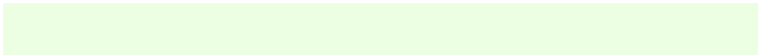
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



92.7291, 94.7457, 81.1760



88.2118, 94.7457, 80.6563



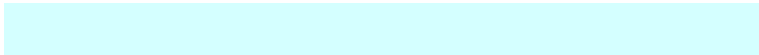
84.3182, 94.7457, 85.7858

Triad

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



88.2118, 94.7457, 80.6563



83.7616, 94.7457, 120.8743



98.6081, 94.7457, 110.9392

Complementary

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



88.2118, 94.7457, 80.6563



73.9185, 75.5893, 105.3020

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.



96.0420, 94.7457, 122.7391



88.2118, 94.7457, 80.6563



87.4288, 94.7457, 128.7974

Square

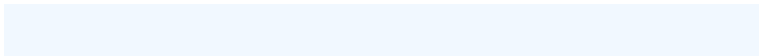
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



88.2118, 94.7457, 80.6563



81.8072, 94.7457, 108.5628



91.9195, 94.7457, 129.5072



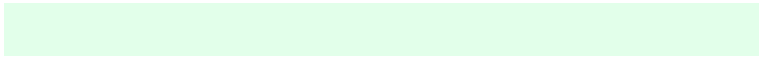
98.8350, 94.7457, 97.9433

Rectangle

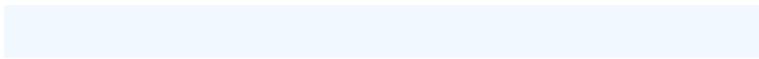
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



88.2118, 94.7457, 80.6563



82.5595, 94.7457, 91.9905



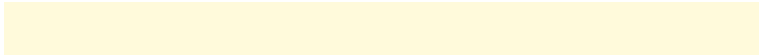
91.9195, 94.7457, 129.5072



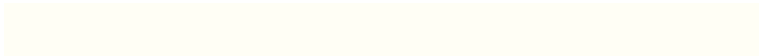
97.9866, 94.7457, 115.2031

Sweetspot

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



88.2140, 94.7497, 80.6583



93.0012, 98.4609, 100.3294



80.0811, 77.3277, 81.5119



19.8257, 21.0137, 21.1405



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

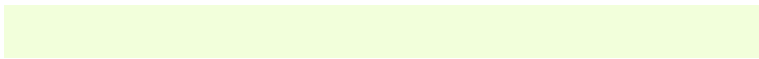
The Same Dimension uses a secret algorithm to generate beautiful new colors.



88.2140, 94.7497, 80.6583



86.9510, 93.7388, 75.5667



85.3021, 95.5828, 80.9726



19.3337, 20.6357, 19.1084



34.9534, 37.9180, 5.4767



3.4599, 3.8051, 0.5521

Inverse Universe

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



73.9185, 75.5893, 105.3020



70.0848, 71.1336, 104.6440



76.5314, 74.9732, 105.0454



17.2062, 17.7840, 22.7757



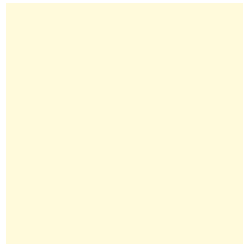
9.8128, 4.5351, 49.7928



1.0143, 0.5593, 4.8678

Previews

White Background



This preview shows how the XYZ color 88.2118, 94.7457, 80.6563 looks on a white background.

Color Contrast Check

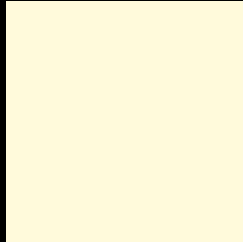
Large Text (above 18pt) WCAG AA × Fail

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 88.2118, 94.7457, 80.6563 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

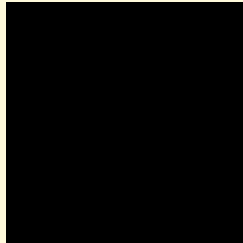
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 88.2118, 94.7457, 80.6563

Background



This preview shows how black text looks on a background with the XYZ color 88.2118, 94.7457, 80.6563.



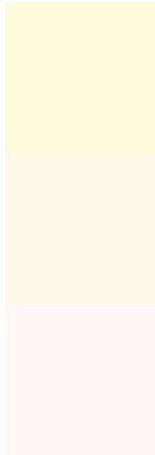
This preview shows how white text looks on a background with the XYZ color 88.2118, 94.7457,

80.6563.

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

88.2118, 94.7457, 80.6563

Protanopia

89.9670, 94.9519, 91.4277

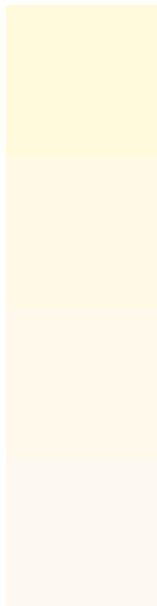
Deuteranopia

91.2888, 94.9874, 99.9092

Tritanopia

92.1838, 94.8124, 108.0497

Trichromacy



Original Color

88.2118, 94.7457, 80.6563

Protanomaly

89.2585, 94.6685, 87.6972

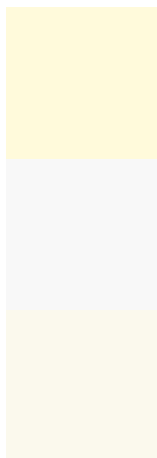
Deuteranomaly

90.2560, 95.0675, 92.9497

Tritanomaly

90.4675, 94.6164, 97.4991

Monochromacy



Original Color

88.2118, 94.7457, 80.6563

Achromatopsia

89.2221, 93.8686, 102.2229

Achromatomaly

88.9454, 94.3750, 93.6490

CSS Examples

Text

The CSS property to change the color of the text to XYZ 88.2118, 94.7457, 80.6563 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(255, 250, 219)` looks like.

```
.text, #text, p{  
    color:rgb(255, 250, 219)  
}
```

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(255, 250, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 250, 219) }
```

Border

The CSS property to change the border of an element to XYZ 88.2118, 94.7457, 80.6563 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(255, 250, 219) }
```


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

```
.border{ border-color:rgb(255, 250, 219) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 250, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 250, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 250, 219);  
box-shadow:4px 4px 4px 4px rgb(255, 250,  
219) }
```

Background

The CSS property to change the background color of an element to XYZ 88.2118, 94.7457, 80.6563 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 250, 219) }
```

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

```
.background{ background-color: rgb(255,  
250, 219) }
```

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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