

Converting Colors

XYZ(150.2148, 221.3421,
100.7857)

Have a look what the booklet for
XYZ(150.2148, 221.3421, 100.7857)
contains.

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Color

**XYZ(88.0680, 97.0390,
79.7344)**

Conversions

Conversions Part 1

Format	Color
Hex	FBFFD9
RGB	251, 255, 217
RGB Percent	98%, 100%, 85%
CMY	0.0157, 0.0000, 0.1490
CMYK	0.02, 0.00, 0.15, 0.00
HSL	66°, 100%, 93%
HSV	66°, 15%, 100%
XYZ	88.0680, 97.0390, 79.7344
YIQ	249.4720, 9.8140, -12.6660

Conversions

Conversions Part 2

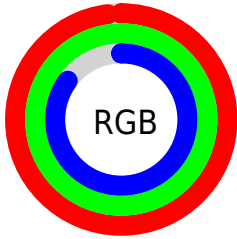
Format	Color
R _Y B	217, 255, 221
Decimal	16515033
CIE Lab	98.84, -7.57, 17.74
CIE LCh	99, 19.282, 113.102
Yxy	97.0390, 0.3325, 0.3664
Android (android.graphics.Color)	4294705113 (0xFFFBFFD9)
YUV	249.4720, -16.0087, 1.3401
Hunter-Lab	98.5084, -12.8079, 20.9655

Details

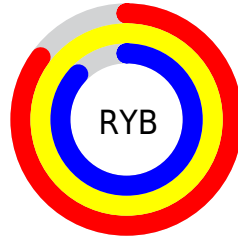
The XYZ color **88.0680, 97.0390, 79.7344** is a light color, and the websafe version is hex **FFFCC**. A complement of this color would be **72.6826, 72.2192, 104.7166**, and the grayscale version is **90.5521, 95.2678, 103.7467**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **48.9638, 54.4661, 42.1148** is the 20% darker color. If you saturate the color by 10%, you get **84.0432, 95.3182, 63.5491**, and if you desaturate by 10%, it is **92.6203, 98.9724, 98.6223**.

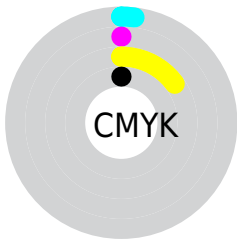
Distribution



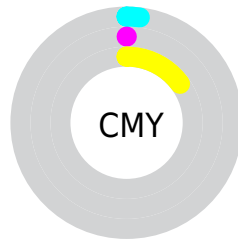
- Red (98%)
- Green (100%)
- Blue (85%)



- Red (85%)
- Yellow (100%)
- Blue (87%)



- Cyan (2%)
- Magenta (0%)
- Yellow (15%)
- Black (0%)





- Cyan (2%)
- Magenta (0%)
- Yellow (15%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 88.0680, 97.0390, 79.7344 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 88.0680, 97.0390, 79.7344 by changing the saturation by 10% instead.


 88.0680, 97.0390,
79.7344

 88.0680, 97.0390,
79.7344


510.0580,
550.6722, 513.7204

 66.7104, 73.8332,
58.9749


143.5439,
157.0786, 134.8003

 49.1191, 54.6575,
42.1731


178.3928,
194.6811, 169.9438

 34.9289, 39.1276,
28.9102


218.4696,
237.8514, 210.7190

 23.7744, 26.8590,
18.7679


264.1395,
286.9738, 257.5445

 15.2902, 17.4674,
11.3276

315.7679,
342.4327, 310.8389

 9.1109, 10.5683,
6.1707

373.7203,

 4.8713, 5.7773,

404.6124, 371.0207

2.8787

438.3618,
473.8975, 438.5083

■ 2.2059, 2.7102,
1.0330

■ 0.7459, 0.9824,
0.0000

■ 88.0680, 97.0390,
79.7344

■ 88.0680, 97.0390,
79.7344

■ 84.0432, 95.3182,
63.5491


■ 92.6203, 98.9724,
98.6223

■ 80.5205, 93.7998,
49.9387

95.0500, 100.0000,
108.9000


■ 77.4753, 92.4739,
38.7714


■ 74.8799, 91.3296,
29.9021

 72.7038, 90.3545,
23.1704

 70.9125, 89.5349,
18.3953

 69.4661, 88.8548,
15.3659

 68.3150, 88.2943,
13.8228

 67.8061, 88.0403,
13.4197

Harmonies

Analogous

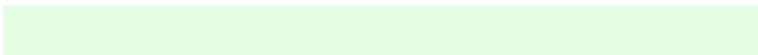
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



93.5331, 97.0390, 77.8823



88.0680, 97.0390, 79.7344



83.8792, 97.0390, 88.1891

Triad

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



88.0680, 97.0390, 79.7344



85.9119, 97.0390, 132.3159



103.3516, 97.0390, 109.4095

Complementary

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



88.0680, 97.0390, 79.7344



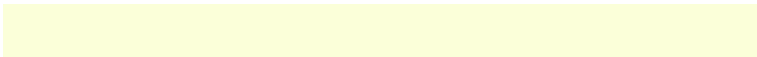
72.6826, 72.2192, 104.7166

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.



101.1231, 97.0390, 125.2958



88.0680, 97.0390, 79.7344



90.9443, 97.0390, 139.3606

Square

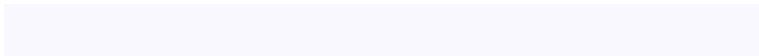
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



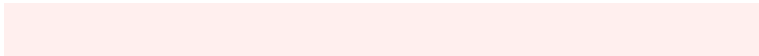
88.0680, 97.0390, 79.7344



82.6700, 97.0390, 118.2391



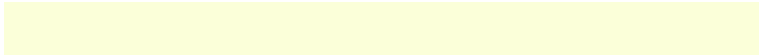
96.5266, 97.0390, 136.6697



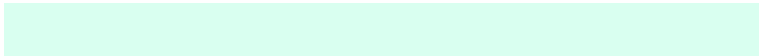
102.5056, 97.0390, 94.0044

Rectangle

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



88.0680, 97.0390, 79.7344



82.2997, 97.0390, 96.9386



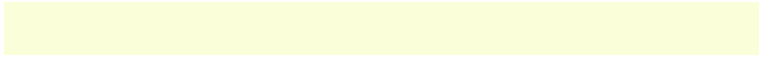
96.5266, 97.0390, 136.6697



102.9343, 97.0390, 114.8873

Sweetspot

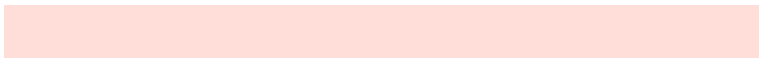
The Sweet Spot groups the original color and five complimentary colors.



88.0686, 97.0392, 79.7358



93.0570, 99.1573, 100.4609



79.5688, 77.8782, 76.4853



19.8399, 21.1907, 21.1739



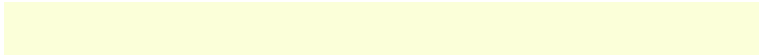
0.0000, 0.0000, 0.0000



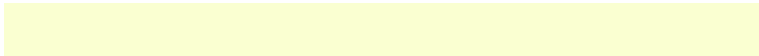
20.3446, 21.4041, 23.3091

Same Dimension

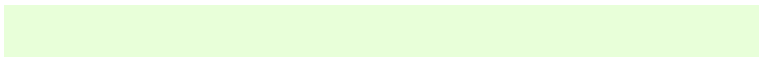
The Same Dimension uses a secret algorithm to generate beautiful new colors.



88.0686, 97.0392, 79.7358



86.7659, 96.4836, 74.4367



81.6287, 93.7194, 79.4344



19.3618, 20.9879, 19.1749



35.5063, 46.0422, 7.0157



3.5090, 4.5097, 0.6855

Inverse Universe

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



72.6826, 72.2192, 104.7166



68.5864, 67.1558, 103.9552



78.7310, 75.3372, 104.9997



17.1804, 17.4692, 22.7163



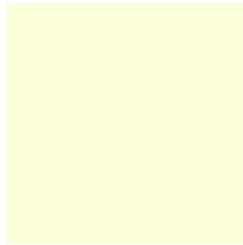
9.7226, 3.9227, 49.6793



1.0023, 0.4106, 4.8397

Previews

White Background



This preview shows how the XYZ color 88.0680, 97.0390, 79.7344 looks on a white background.

Color Contrast Check

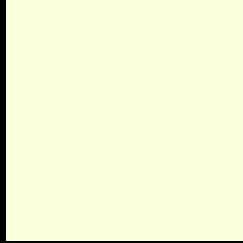
Large Text (above 18pt) WCAG AA × Fail

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 88.0680, 97.0390, 79.7344 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

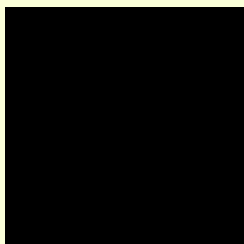
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

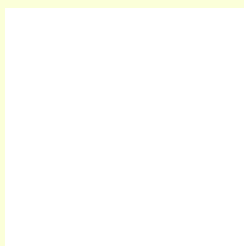
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 88.0680, 97.0390, 79.7344

Background



This preview shows how black text looks on a background with the XYZ color 88.0680, 97.0390, 79.7344.



This preview shows how white text looks on a background with the XYZ color 88.0680, 97.0390,

79.7344.

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

88.0680, 97.0390, 79.7344



Protanopia

91.9148, 96.7254, 98.6195

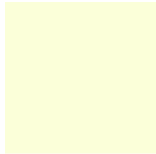
Deuteranopia

92.8361, 97.0939, 103.4705

Tritanopia

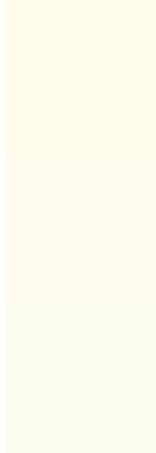
93.0552, 97.0970, 108.4448

Trichromacy



Original Color

88.0680, 97.0390, 79.7344



Protanomaly

90.5347, 96.6322, 91.7221

Deuteranomaly

90.9695, 96.8061, 94.0116

Tritanomaly

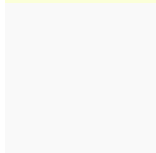
90.8325, 96.6671, 97.0903

Monochromacy



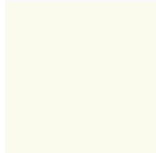
Original Color

88.0680, 97.0390, 79.7344



Achromatopsia

90.0415, 94.7307, 103.1617



Achromatomaly

89.2076, 95.4328, 93.8394

CSS Examples

Text

The CSS property to change the color of the text to XYZ 88.0680, 97.0390, 79.7344 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(251, 255, 217)` looks like.

```
.text, #text, p{  
    color:rgb(251, 255, 217)  
}
```

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(251, 255, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 255, 217) }
```

Border

The CSS property to change the border of an element to XYZ 88.0680, 97.0390, 79.7344 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(251, 255, 217) }
```


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

```
.border{ border-color:rgb(251, 255, 217) }
```

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

Here you see how a box with a 4 pixel rgb(251, 255, 217) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 255, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 255, 217);  
box-shadow:4px 4px 4px 4px rgb(251, 255,  
217) }
```

Background

The CSS property to change the background color of an element to XYZ 88.0680, 97.0390, 79.7344 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 255, 217) }
```

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

```
.background{ background-color: rgb(251,  
255, 217) }
```

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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