

Converting Colors

XYZ(97.1723, 100.0000,
69.7955)

Have a look what the booklet for
XYZ(97.1723, 100.0000, 69.7955)
contains.

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Color

**XYZ(86.3979, 94.5186,
69.5674)**

Conversions

Conversions Part 1

Format	Color
Hex	FFFBCA
RGB	255, 251, 202
RGB Percent	100%, 98%, 79%
CMY	0.0000, 0.0157, 0.2078
CMYK	0.00, 0.02, 0.21, 0.00
HSL	55°, 100%, 90%
HSV	55°, 21%, 100%
XYZ	86.3979, 94.5186, 69.5674
YIQ	246.6100, 18.1130, -14.3910

Conversions

Conversions Part 2

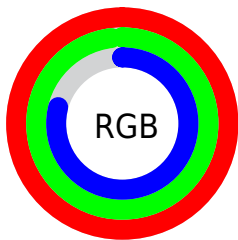
Format	Color
R _Y B	206, 255, 202
Decimal	16776138
CIE Lab	97.84, -6.34, 24.02
CIE LCh	98, 24.843, 104.794
Yxy	94.5186, 0.3449, 0.3773
Android (android.graphics.Color)	4294966218 (0xFFFFFBCA)
YUV	246.6100, -21.9927, 7.3580
Hunter-Lab	97.2207, -11.5071, 25.6288

Details

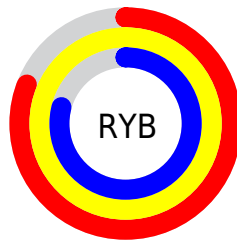
The XYZ color **86.3979, 94.5186, 69.5674** is a light color, and the websafe version is hex **FFFCC**. A complement of this color would be **64.4780, 63.9175, 103.5467**, and the grayscale version is **88.2559, 92.8521, 101.1159**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **48.1491, 53.1741, 35.7429** is the 20% darker color. If you saturate the color by 10%, you get **83.0281, 92.2182, 54.7591**, and if you desaturate by 10%, it is **90.2771, 97.0388, 87.0092**.

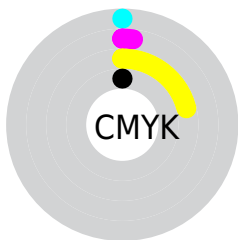
Distribution



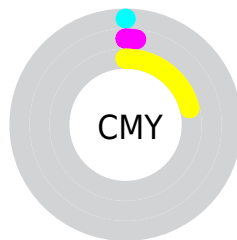
- Red (100%)
- Green (98%)
- Blue (79%)



- Red (81%)
- Yellow (100%)
- Blue (79%)



- Cyan (0%)
- Magenta (2%)
- Yellow (21%)
- Black (0%)





- Cyan (0%)
- Magenta (2%)
- Yellow (21%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 86.3979, 94.5186, 69.5674 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 86.3979, 94.5186, 69.5674 by changing the saturation by 10% instead.


 86.3979, 94.5186,
69.5674

 86.3979, 94.5186,
69.5674


504.6566,
542.6227, 477.7776

 65.3234, 71.7344,
50.6993


141.2286,
153.5994, 120.2670

 47.9891, 52.9417,
35.5943


175.7155,
190.6647, 152.9355

 34.0294, 37.7562,
23.8338

215.4040,
233.2592, 191.0413

 23.0792, 25.7936,
14.9993

260.6593,
281.7672, 235.0028

 14.7730, 16.6693,
8.6723

311.8469,
336.5732, 285.2387

 8.7455, 9.9990,
4.4342

369.3321,

 4.6313, 5.3983,

398.0615, 342.1674

1.8664

433.4802,
466.6165, 406.2076

■ 2.0651, 2.4828,
0.4712

■ 0.6702, 0.8680,
0.0000

■ 86.3979, 94.5186,
69.5674

■ 86.3979, 94.5186,
69.5674

■ 83.0281, 92.2182,
54.7591

■ 90.2771, 97.0388,
87.0092

■ 80.1368, 90.1158,
42.4495

94.6820, 99.7760,
107.1987

■ 77.6994, 88.2046,
32.5007

95.0500, 100.0000,
108.9000

■ 75.6868, 86.4730,
24.7590

■ 74.0664, 84.9079,
19.0528

■ 72.8007, 83.4943,
15.1850

■ 71.8449, 82.2143,
12.9196

■ 71.1733, 81.1267,
11.9078

Harmonies

Analogous

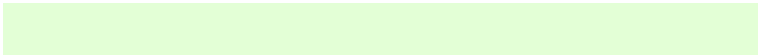
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



93.4638, 94.5186, 69.6235



86.3979, 94.5186, 69.5674



80.5624, 94.5186, 77.5996

Triad

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



86.3979, 94.5186, 69.5674



80.4978, 94.5186, 132.9752



103.6579, 94.5186, 113.5086

Complementary

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



86.3979, 94.5186, 69.5674



64.4780, 63.9175, 103.5467

Split Complementary

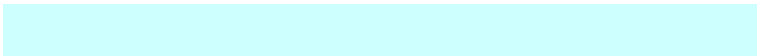
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



99.7976, 94.5186, 133.2115



86.3979, 94.5186, 69.5674



86.3054, 94.5186, 145.4174

Square

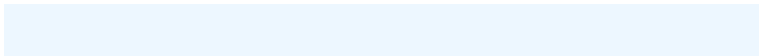
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



86.3979, 94.5186, 69.5674



77.2799, 94.5186, 113.2187



93.3664, 94.5186, 145.5091



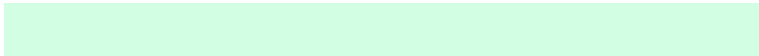
103.6859, 94.5186, 93.2557

Rectangle

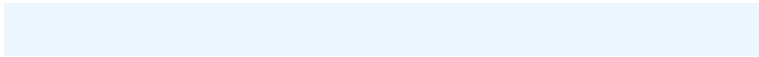
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



86.3979, 94.5186, 69.5674



78.0485, 94.5186, 87.1533



93.3664, 94.5186, 145.5091



102.7568, 94.5186, 120.4702

Sweetspot

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



86.4001, 94.5227, 69.5694



92.3169, 98.3200, 96.3166



73.5526, 67.9787, 67.9041



19.6985, 21.0064, 20.3357



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

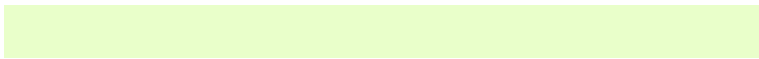
The Same Dimension uses a secret algorithm to generate beautiful new colors.



86.4001, 94.5227, 69.5694



84.9181, 93.5257, 63.0112



79.9983, 93.0941, 69.6311



19.4372, 20.8426, 19.1429



37.2390, 42.4892, 6.2385



3.6593, 4.2040, 0.6186

Inverse Universe

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



64.4780, 63.9175, 103.5467



59.3509, 57.8330, 102.6425



69.9377, 65.3229, 103.5302



17.1129, 17.5975, 22.7447



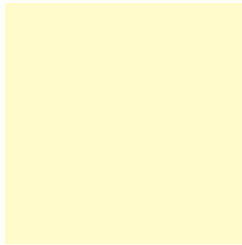
9.5941, 4.0979, 49.7199



0.9705, 0.4716, 4.8532

Previews

White Background



This preview shows how the XYZ color 86.3979, 94.5186, 69.5674 looks on a white background.

Color Contrast Check

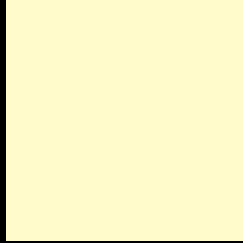
Large Text (above 18pt) WCAG AA × Fail

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 86.3979, 94.5186, 69.5674 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

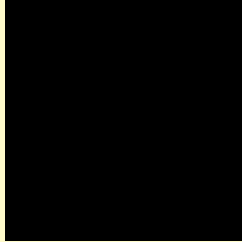
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 86.3979, 94.5186, 69.5674

Background



This preview shows how black text looks on a background with the XYZ color 86.3979, 94.5186, 69.5674.



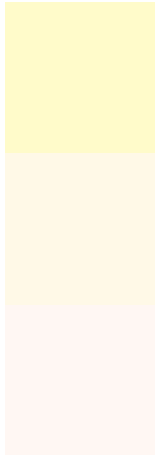
This preview shows how white text looks on a background with the XYZ color 86.3979, 94.5186,

69.5674.

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

86.3979, 94.5186, 69.5674

Protanopia

89.5395, 94.7809, 89.1766

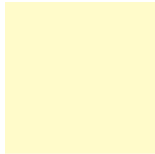
Deuteranopia

90.6784, 94.2526, 98.2073

Tritanopia

92.2458, 94.3915, 107.9653

Trichromacy



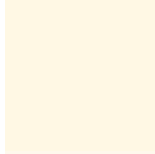
Original Color

86.3979, 94.5186, 69.5674



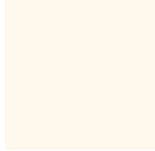
Protanomaly

88.3439, 94.7985, 81.3519



Deuteranomaly

88.8110, 93.9962, 86.8610



Tritanomaly

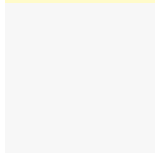
89.9477, 94.4509, 92.8470

Monochromacy



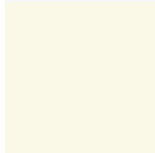
Original Color

86.3979, 94.5186, 69.5674



Achromatopsia

88.4070, 93.0111, 101.2891



Achromatomaly

87.4155, 93.2283, 88.9889

CSS Examples

Text

The CSS property to change the color of the text to XYZ 86.3979, 94.5186, 69.5674 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, 251, 202)` looks like.

```
.text, #text, p{  
    color:rgb(255, 251, 202)  
}
```

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, 251, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 251, 202) }
```

Border

The CSS property to change the border of an element to XYZ 86.3979, 94.5186, 69.5674 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, 251, 202) }
```


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

```
.border{ border-color:rgb(255, 251, 202) }
```

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

Here you see how a box with a 4 pixel rgb(255, 251, 202) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 251, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 251, 202);  
box-shadow:4px 4px 4px 4px rgb(255, 251,  
202) }
```

Background

The CSS property to change the background color of an element to XYZ 86.3979, 94.5186, 69.5674 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 251, 202) }
```

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

```
.background{ background-color: rgb(255,  
251, 202) }
```

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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