

Converting Colors

XYZ(83.0526, 94.8032, 63.6969)

Have a look what the booklet for
XYZ(83.0526, 94.8032, 63.6969)
contains.

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Color

**XYZ(82.9306, 94.7382,
63.7846)**

Conversions

Conversions Part 1

Format	Color
Hex	F5FFC0
RGB	245, 255, 192
RGB Percent	96%, 100%, 75%
CMY	0.0392, 0.0000, 0.2470
CMYK	0.04, 0.00, 0.25, 0.00
HSL	70°, 100%, 88%
HSV	70°, 25%, 100%
XYZ	82.9306, 94.7382, 63.7846
YIQ	244.8280, 14.2630, -21.7130

Conversions

Conversions Part 2

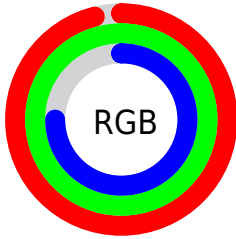
Format	Color
RYB	192, 255, 202
Decimal	16121792
CIELab	97.93, -13.29, 29.08
CIELCh	98, 31.976, 114.561
Yxy	94.7382, 0.3435, 0.3924
Android (android.graphics.Color)	4294311872 (0xFFFF5FFC0)
YUV	244.8280, -26.0442, 0.1508
Hunter-Lab	97.3336, -18.2473, 29.2796

Details

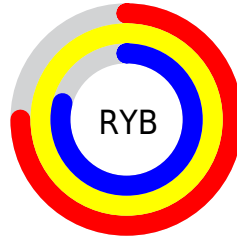
The XYZ color **82.9306, 94.7382, 63.7846** is a light color, and the websafe version is hex **FFFCC**. A complement of this color would be **61.2578, 57.4771, 102.4733**, and the grayscale version is **86.8467, 91.3695, 99.5013**.

A 20% lighter version of the original color is **94.0989, 99.6196, 103.8915**, and **45.5206, 52.9145, 31.8591** is the 20% darker color. If you saturate the color by 10%, you get **78.9487, 92.9842, 50.1052**, and if you desaturate by 10%, it is **87.4339, 96.7045, 80.0463**.

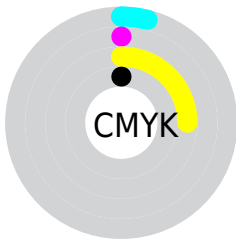
Distribution



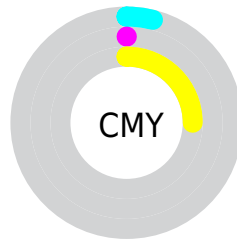
- Red (96%)
- Green (100%)
- Blue (75%)



- Red (75%)
- Yellow (100%)
- Blue (79%)



- Cyan (4%)
- Magenta (0%)
- Yellow (25%)
- Black (0%)





- Cyan (4%)
- Magenta (0%)
- Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 82.9306, 94.7382, 63.7846 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 82.9306, 94.7382, 63.7846 by changing the saturation by 10% instead.


 82.9306, 94.7382,
63.7846

 82.9306, 94.7382,
63.7846


493.3426,
543.3265, 456.5975

 62.4496, 71.9171,
46.0312


 136.4073,
153.9029, 111.8971

 45.6531, 53.0910,
31.9216


170.1337,
191.0152, 143.0933

 32.1756, 37.8754,
21.0373


209.0060,
233.6601, 179.6075

 21.6519, 25.8860,
12.9597

253.3895,
282.2219, 221.8583

 13.7165, 16.7384,
7.2704

303.6495,
337.0851, 270.2641

 8.0041, 10.0481,
3.5508

360.1515,

 4.1494, 5.4309,

398.6340, 325.2435

1.3823

423.2607,
467.2530, 387.2152

■ 1.7870, 2.5022,
0.1279

■ 0.5098, 0.8778,
0.0000

■ 82.9306, 94.7382,
63.7846

■ 82.9306, 94.7382,
63.7846

■ 78.9487, 92.9842,
50.1052

■ 87.4339, 96.7045,
80.0463

■ 75.4614, 91.4314,
38.8710

■ 92.4809, 98.8918,
99.0097

■ 72.4414, 90.0691,
29.9386

95.0500, 100.0000,
108.9000

■ 69.8582, 88.8851,
23.1480

■ 67.6772, 87.8654,
18.3185

■ 65.8584, 86.9940,
15.2401

■ 64.3525, 86.2512,
13.6544

■ 63.6449, 85.8952,
13.2250

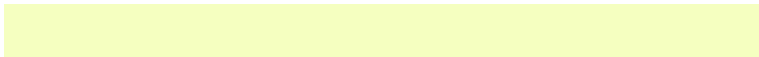
Harmonies

Analogous

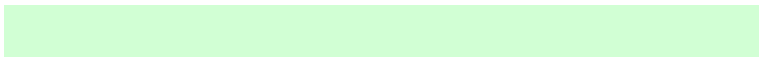
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



91.7235, 94.7382, 60.6924



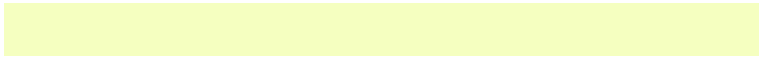
82.9306, 94.7382, 63.7846



76.4617, 94.7382, 76.6141

Triad

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



82.9306, 94.7382, 63.7846



80.2267, 94.7382, 149.8806



108.7161, 94.7382, 108.0032

Complementary

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



82.9306, 94.7382, 63.7846



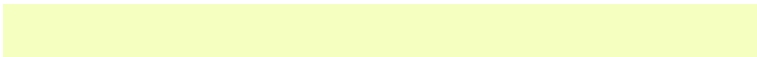
61.2578, 57.4771, 102.4733

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.



105.1505, 94.7382, 135.2078



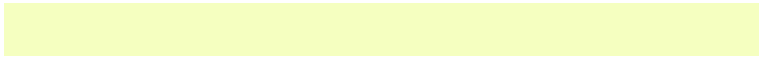
82.9306, 94.7382, 63.7846



88.3887, 94.7382, 161.8688

Square

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



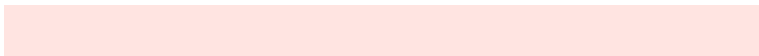
82.9306, 94.7382, 63.7846



74.9762, 94.7382, 125.5416



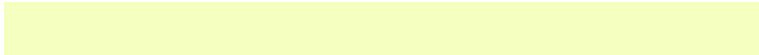
97.5568, 94.7382, 156.0904



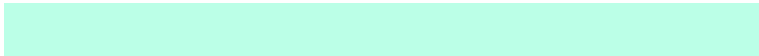
107.0104, 94.7382, 83.5996

Rectangle

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



82.9306, 94.7382, 63.7846



74.1327, 94.7382, 90.3155



97.5568, 94.7382, 156.0904



108.0873, 94.7382, 117.1545

Sweetspot

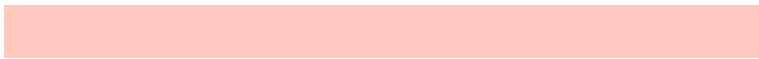
The Sweet Spot groups the original color and five complimentary colors.



82.9311, 94.7385, 63.7860



91.2733, 98.3698, 94.4124



71.7469, 67.0502, 59.0311



19.4693, 21.0262, 19.9546



0.0000, 0.0000, 0.0000



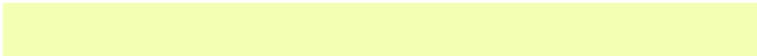
20.3446, 21.4041, 23.3091

Same Dimension

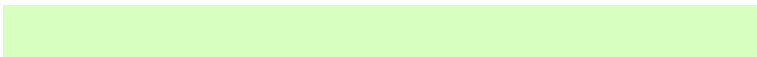
The Same Dimension uses a secret algorithm to generate beautiful new colors.



82.9311, 94.7385, 63.7860



80.7591, 93.7838, 56.2288



73.0213, 89.6298, 63.3222



19.2614, 20.9362, 19.1702



33.3618, 44.9367, 6.9153



3.3209, 4.4128, 0.6767

Inverse Universe

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



61.2578, 57.4771, 102.4733



55.4662, 50.2902, 101.3913



70.4884, 62.2357, 102.9053



17.2715, 17.5162, 22.7206



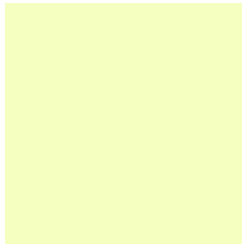
9.9774, 4.0540, 49.6912



1.0450, 0.4326, 4.8417

Previews

White Background



This preview shows how the XYZ color 82.9306, 94.7382, 63.7846 looks on a white background.

Color Contrast Check

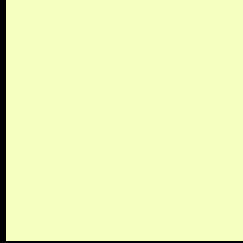
Large Text (above 18pt) WCAG AA × Fail

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 82.9306, 94.7382, 63.7846 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 82.9306, 94.7382, 63.7846

Background



This preview shows how black text looks on a background with the XYZ color 82.9306, 94.7382, 63.7846.

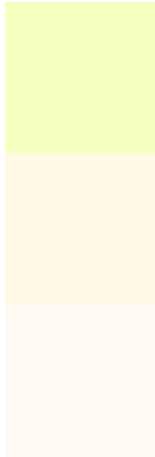


This preview shows how white text looks on a background with the XYZ color 82.9306, 94.7382,

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

82.9306, 94.7382, 63.7846

Protanopia

89.3986, 94.7245, 88.4348

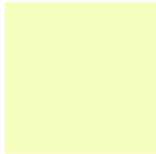
Deuteranopia

90.9851, 94.8659, 98.3095

Tritanopia

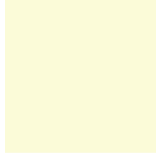
91.4011, 94.8640, 108.1010

Trichromacy



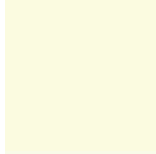
Original Color

82.9306, 94.7382, 63.7846



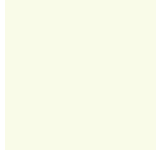
Protanomaly

86.6755, 94.4615, 78.6303



Deuteranomaly

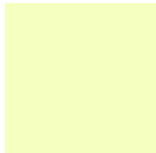
87.7354, 94.8854, 84.2116



Tritanomaly

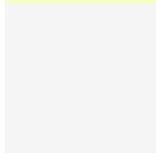
88.1296, 94.9603, 90.0282

Monochromacy



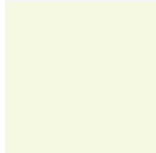
Original Color

82.9306, 94.7382, 63.7846



Achromatopsia

86.7900, 91.3099, 99.4364



Achromatomaly

85.2593, 92.6548, 85.3420

CSS Examples

Text

The CSS property to change the color of the text to XYZ 82.9306, 94.7382, 63.7846 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(245, 255, 192)` looks like.

```
.text, #text, p{  
    color:rgb(245, 255, 192)  
}
```

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(245, 255, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 255, 192) }
```

Border

The CSS property to change the border of an element to XYZ 82.9306, 94.7382, 63.7846 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(245, 255, 192) }
```


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

```
.border{ border-color:rgb(245, 255, 192) }
```

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

Here you see how a box with a 4 pixel rgb(245, 255, 192) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 255, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 255, 192);  
box-shadow:4px 4px 4px 4px rgb(245, 255,  
192) }
```

Background

The CSS property to change the background color of an element to XYZ 82.9306, 94.7382, 63.7846 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 255, 192) }
```

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

```
.background{ background-color: rgb(245,  
255, 192) }
```

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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