

Converting Colors

XYZ(82.3714, 94.3408, 68.6928)

Have a look what the booklet for
XYZ(82.3714, 94.3408, 68.6928)
contains.

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Color

**XYZ(82.4610, 94.3909,
68.5167)**

Conversions

Conversions Part 1

Format	Color
Hex	F1FFC8
RGB	241, 255, 200
RGB Percent	95%, 100%, 78%
CMY	0.0549, 0.0000, 0.2157
CMYK	0.05, 0.00, 0.22, 0.00
HSL	75°, 100%, 89%
HSV	75°, 22%, 100%
XYZ	82.4610, 94.3909, 68.5167
YIQ	244.5440, 9.3110, -20.0730

Conversions

Conversions Part 2

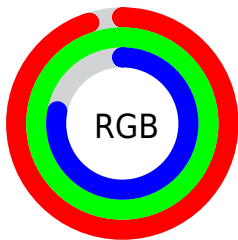
Format	Color
R_{YB}	200, 255, 214
Decimal	15859656
CIE _{Lab}	97.79, -13.59, 24.80
CIE _{LCh}	98, 28.283, 118.726
Yxy	94.3909, 0.3361, 0.3847
Android (android.graphics.Color)	4294049736 (0xFFFF1FFC8)
YUV	244.5440, -21.9602, -3.1081
Hunter-Lab	97.1550, -18.5180, 26.1953

Details

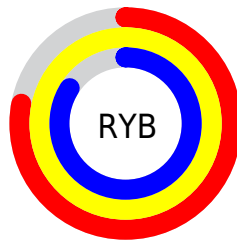
The XYZ color **82.4610, 94.3909, 68.5167** is a light color, and the websafe version is hex **FFFCC**. A complement of this color would be **66.4367, 62.8259, 103.2328**, and the grayscale version is **86.5895, 91.0989, 99.2067**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **45.3900, 52.7778, 34.9890** is the 20% darker color. If you saturate the color by 10%, you get **77.5485, 92.1745, 54.0058**, and if you desaturate by 10%, it is **87.9506, 96.8474, 85.6518**.

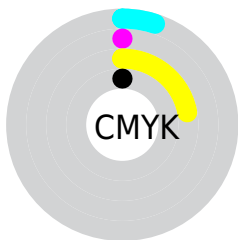
Distribution



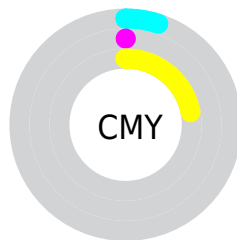
- Red (95%)
- Green (100%)
- Blue (78%)



- Red (78%)
- Yellow (100%)
- Blue (84%)



- Cyan (5%)
- Magenta (0%)
- Yellow (22%)
- Black (0%)



- Cyan (5%)
- Magenta (0%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 82.4610, 94.3909, 68.5167 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 82.4610, 94.3909, 68.5167 by changing the saturation by 10% instead.

82.4610, 94.3909,
68.5167

82.4610, 94.3909,
68.5167

491.7996,
542.2132, 473.9722

62.0610, 71.6281,
49.8489

135.7527,
153.4228, 118.7522

45.3378, 52.8550,
34.9230

169.3752,
190.4608, 151.1570

31.9260, 37.6870,
23.3205

208.1359,
233.0259, 188.9779

21.4602, 25.7398,
14.6228

252.4001,
281.5026, 232.6333

13.5752, 16.6291,
8.4114

302.5332,
336.2753, 282.5420

7.9055, 9.9704,
4.2678

358.9006,

4.0859, 5.3793,

397.7284, 339.1223

1.7734

421.8676,
466.2462, 402.7929

■ 1.7508, 2.4715,
0.4103

■ 0.4878, 0.8623,
0.0000

■ 82.4610, 94.3909,
68.5167

■ 82.4610, 94.3909,
68.5167

■ 77.5485, 92.1745,
54.0058

■ 87.9506, 96.8474,
85.6518

■ 73.1861, 90.1872,
41.9852

■ 94.0396, 99.5527,
105.5278

■ 69.3467, 88.4179,
32.3156

■ 95.0500, 100.0000,
108.9000

■ 66.0002, 86.8547,
24.8419

■ 63.1127, 85.4838,
19.3908

■ 60.6455, 84.2897,
15.7627

■ 58.5522, 83.2536,
13.7177

■ 57.0183, 82.4791,
12.9149

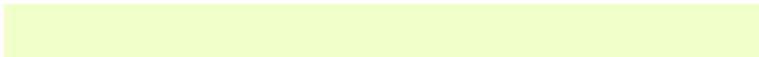
Harmonies

Analogous

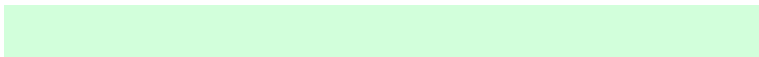
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



90.0612, 94.3909, 64.4341



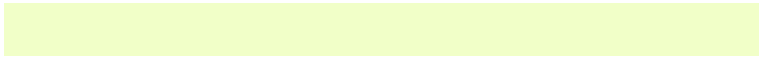
82.4610, 94.3909, 68.5167



77.0934, 94.3909, 81.3844

Triad

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



82.4610, 94.3909, 68.5167



81.8974, 94.3909, 145.6400



106.1442, 94.3909, 103.7669

Complementary

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



82.4610, 94.3909, 68.5167



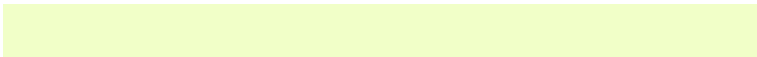
66.4367, 62.8259, 103.2328

Split Complementary

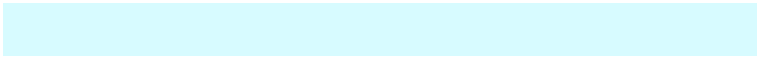
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



103.6456, 94.3909, 127.6207



82.4610, 94.3909, 68.5167



89.3711, 94.3909, 153.9269

Square

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



82.4610, 94.3909, 68.5167



76.7820, 94.3909, 125.6537



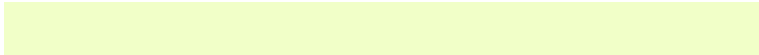
97.3839, 94.3909, 146.8901



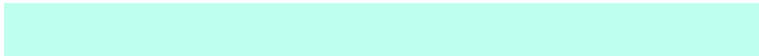
104.0259, 94.3909, 82.8581

Rectangle

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



82.4610, 94.3909, 68.5167



75.3392, 94.3909, 94.3285



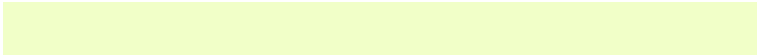
97.3839, 94.3909, 146.8901



105.8138, 94.3909, 111.7126

Sweetspot

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



82.4615, 94.3912, 68.5181



91.2653, 98.3223, 96.3725



75.6494, 73.3978, 64.8250



19.4492, 21.0071, 20.3489



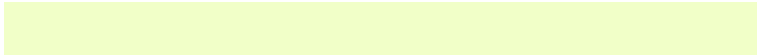
0.0000, 0.0000, 0.0000



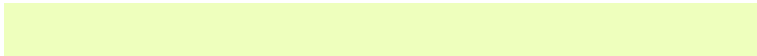
20.3446, 21.4041, 23.3091

Same Dimension

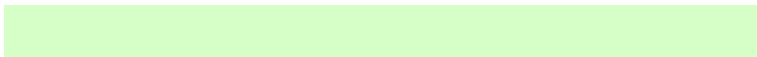
The Same Dimension uses a secret algorithm to generate beautiful new colors.



82.4615, 94.3912, 68.5181



80.2143, 93.3797, 61.7699



73.8447, 89.9490, 68.1148



19.0833, 20.8444, 19.1619



29.9387, 43.1720, 6.7551



3.0159, 4.2555, 0.6624

Inverse Universe

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



66.4367, 62.8259, 103.2328



61.5191, 56.5475, 102.2801



75.0660, 67.2745, 103.6366



17.4363, 17.6011, 22.7283



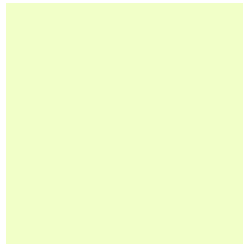
10.6828, 4.4177, 49.7242



1.1359, 0.4795, 4.8460

Previews

White Background



This preview shows how the XYZ color 82.4610, 94.3909, 68.5167 looks on a white background.

Color Contrast Check

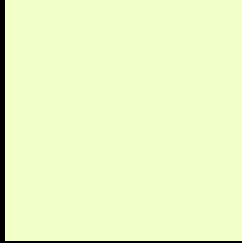
Large Text (above 18pt) WCAG AA × Fail

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 82.4610, 94.3909, 68.5167 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

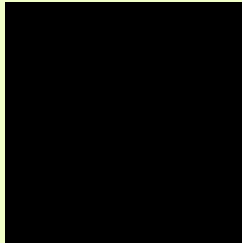
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

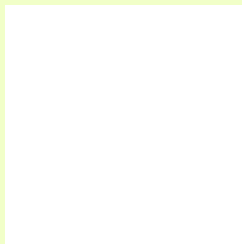
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 82.4610, 94.3909, 68.5167

Background



This preview shows how black text looks on a background with the XYZ color 82.4610, 94.3909, 68.5167.



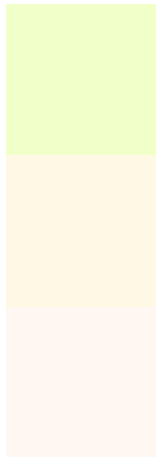
This preview shows how white text looks on a background with the XYZ color 82.4610, 94.3909,

68.5167.

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

82.4610, 94.3909, 68.5167

Protanopia

88.9503, 94.0519, 87.5944

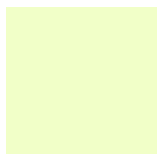
Deuteranopia

90.5278, 94.1923, 97.4140

Tritanopia

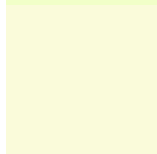
90.6843, 94.4945, 108.0674

Trichromacy



Original Color

82.4610, 94.3909, 68.5167



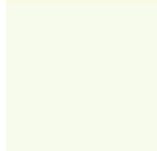
Protanomaly

86.5764, 94.3803, 79.9838



Deuteranomaly

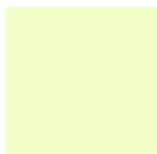
87.4751, 94.2413, 86.2530



Tritanomaly

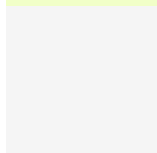
87.4986, 94.5853, 92.2424

Monochromacy



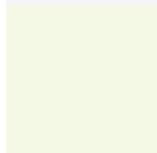
Original Color

82.4610, 94.3909, 68.5167



Achromatopsia

86.7900, 91.3099, 99.4364



Achromatomaly

85.3268, 92.6416, 87.5132

CSS Examples

Text

The CSS property to change the color of the text to XYZ 82.4610, 94.3909, 68.5167 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(241, 255, 200)` looks like.

```
.text, #text, p{  
    color:rgb(241, 255, 200)  
}
```

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(241, 255, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 255, 200) }
```

Border

The CSS property to change the border of an element to XYZ 82.4610, 94.3909, 68.5167 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(241, 255, 200) }
```


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

```
.border{ border-color:rgb(241, 255, 200) }
```

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

Here you see how a box with a 4 pixel `rgb(241, 255, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 255, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 255, 200);  
box-shadow:4px 4px 4px 4px rgb(241, 255,  
200) }
```

Background

The CSS property to change the background color of an element to XYZ 82.4610, 94.3909, 68.5167 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 255, 200) }
```

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

```
.background{ background-color: rgb(241,  
255, 200) }
```

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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