

Converting Colors

XYZ(89.5399, 107.7799,
67.8594)

Have a look what the booklet for
XYZ(89.5399, 107.7799, 67.8594)
contains.

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Color

**XYZ(82.9186, 94.6932,
65.5371)**

Conversions

Conversions Part 1

Format	Color
Hex	F4FFC3
RGB	244, 255, 195
RGB Percent	96%, 100%, 76%
CMY	0.0431, 0.0000, 0.2353
CMYK	0.04, 0.00, 0.24, 0.00
HSL	71°, 100%, 88%
HSV	71°, 24%, 100%
XYZ	82.9186, 94.6932, 65.5371
YIQ	244.8710, 12.7040, -20.9920

Conversions

Conversions Part 2

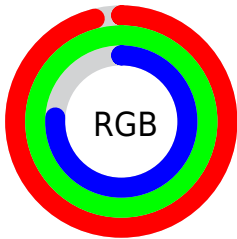
Format	Color
RYB	195, 255, 206
Decimal	16056259
CIELab	97.91, -13.24, 27.53
CIELCh	98, 30.549, 115.676
Yxy	94.6932, 0.3410, 0.3894
Android (android.graphics.Color)	4294246339 (0xFFFF4FFC3)
YUV	244.8710, -24.5864, -0.7639
Hunter-Lab	97.3104, -18.1927, 28.1864

Details

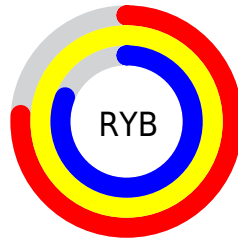
The XYZ color **82.9186, 94.6932, 65.5371** is a light color, and the websafe version is hex **FFFCC**. A complement of this color would be **63.0196, 59.3732, 102.7464**, and the grayscale version is **86.8709, 91.3949, 99.5291**.

A 20% lighter version of the original color is **94.5707, 99.8083, 106.3760**, and **45.4953, 52.8760, 33.0075** is the 20% darker color. If you saturate the color by 10%, you get **78.6755, 92.8110, 51.5515**, and if you desaturate by 10%, it is **87.6963, 96.7941, 82.1205**.

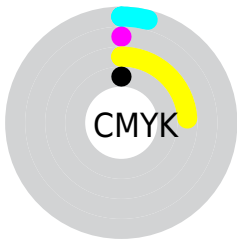
Distribution



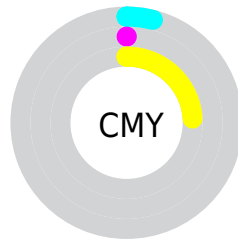
- Red (96%)
- Green (100%)
- Blue (76%)



- Red (76%)
- Yellow (100%)
- Blue (81%)



- Cyan (4%)
- Magenta (0%)
- Yellow (24%)
- Black (0%)





- Cyan (4%)
- Magenta (0%)
- Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 82.9186, 94.6932, 65.5371 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 82.9186, 94.6932, 65.5371 by changing the saturation by 10% instead.


 82.9186, 94.6932,
65.5371

 82.9186, 94.6932,
65.5371


493.3032,
543.1823, 463.0785

 62.4397, 71.8797,
47.4426


136.3906,
153.8407, 114.4423

 45.6450, 53.0604,
33.0289


170.1143,
190.9434, 146.0902

 32.1692, 37.8510,
21.8773


208.9838,
233.5780, 183.0929

 21.6470, 25.8670,
13.5693

253.3642,
282.1288, 225.8691

 13.7129, 16.7242,
7.6864

303.6210,
336.9802, 274.8371

 8.0016, 10.0380,
3.8101

360.1195,

 4.1478, 5.4242,

398.5167, 330.4157

1.5217

423.2252,
467.1226, 393.0233

■ 1.7861, 2.4982,
0.2340

■ 0.5093, 0.8758,
0.0000

■ 82.9186, 94.6932,
65.5371

■ 82.9186, 94.6932,
65.5371

■ 78.6755, 92.8110,
51.5515

■ 87.6963, 96.7941,
82.1205

■ 74.9401, 91.1365,
40.0278

■ 93.0306, 99.1224,
101.4199

■ 71.6855, 89.6591,
30.8242

■ 95.0500, 100.0000,
108.9000

■ 68.8813, 88.3664,
23.7824

■ 66.4935, 87.2449,
18.7249

■ 64.4827, 86.2788,
15.4456

■ 62.8008, 85.4488,
13.6934

■ 61.8433, 84.9664,
13.1407

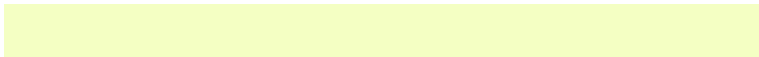
Harmonies

Analogous

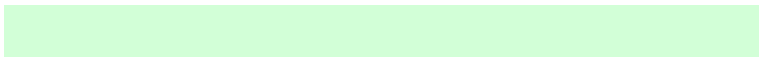
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



91.2758, 94.6932, 62.1852



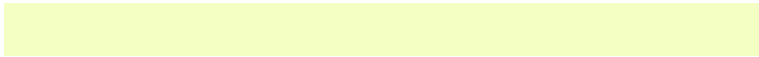
82.9186, 94.6932, 65.5371



76.8295, 94.6932, 78.2848

Triad

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



82.9186, 94.6932, 65.5371



80.8585, 94.6932, 148.1624



107.8158, 94.6932, 106.7754

Complementary

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



82.9186, 94.6932, 65.5371



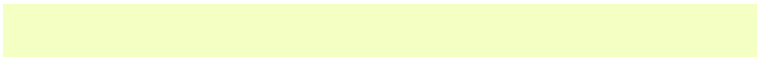
63.0196, 59.3732, 102.7464

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.



104.6024, 94.6932, 132.6839



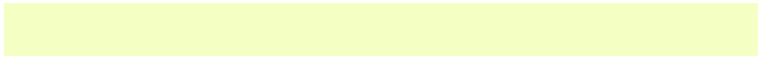
82.9186, 94.6932, 65.5371



88.7422, 94.6932, 158.9071

Square

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



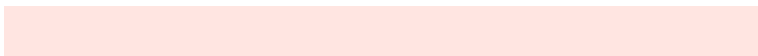
82.9186, 94.6932, 65.5371



75.6952, 94.6932, 125.3875



97.4799, 94.6932, 152.8305



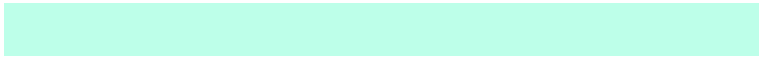
106.0089, 94.6932, 83.6319

Rectangle

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



82.9186, 94.6932, 65.5371



74.6872, 94.6932, 91.6532



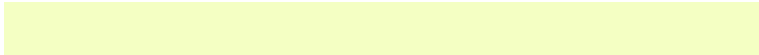
97.4799, 94.6932, 152.8305



107.2815, 94.6932, 115.4726

Sweetspot

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



82.9191, 94.6935, 65.5385



91.1143, 98.2878, 94.4049



72.9224, 68.8638, 61.0797



19.4324, 21.0072, 19.9528



0.0000, 0.0000, 0.0000



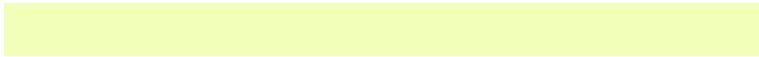
20.3446, 21.4041, 23.3091

Same Dimension

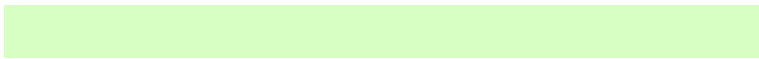
The Same Dimension uses a secret algorithm to generate beautiful new colors.



82.9191, 94.6935, 65.5385



80.9571, 93.8254, 58.9711



73.6354, 89.9075, 65.1040



19.2155, 20.9125, 19.1681



32.4323, 44.4575, 6.8718



3.2387, 4.3704, 0.6729

Inverse Universe

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



63.0196, 59.3732, 102.7464



58.0522, 53.1635, 101.8096



71.8268, 63.9135, 103.1586



17.3136, 17.5379, 22.7226



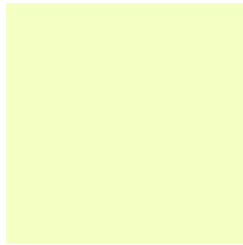
10.1267, 4.1310, 49.6982



1.0656, 0.4433, 4.8427

Previews

White Background



This preview shows how the XYZ color 82.9186, 94.6932, 65.5371 looks on a white background.

Color Contrast Check

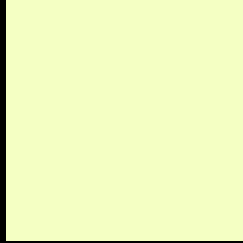
Large Text (above 18pt) WCAG AA × Fail

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 82.9186, 94.6932, 65.5371 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

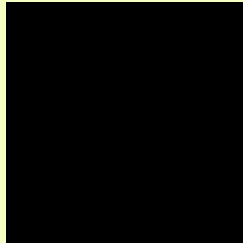
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 82.9186, 94.6932, 65.5371

Background



This preview shows how black text looks on a background with the XYZ color 82.9186, 94.6932, 65.5371.



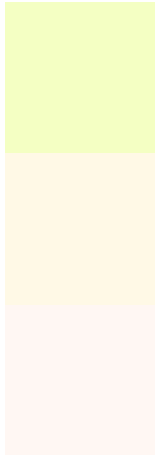
This preview shows how white text looks on a background with the XYZ color 82.9186, 94.6932,

65.5371.

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

82.9186, 94.6932, 65.5371

Protanopia

89.3986, 94.7245, 88.4348

Deuteranopia

90.6784, 94.2526, 98.2073

Tritanopia

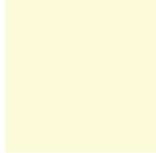
91.4011, 94.8640, 108.1010

Trichromacy



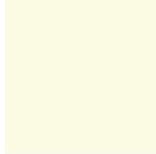
Original Color

82.9186, 94.6932, 65.5371



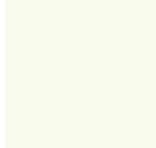
Protanomaly

86.8052, 94.5133, 79.3134



Deuteranomaly

87.6967, 94.3714, 85.5449



Tritanomaly

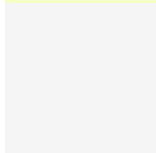
87.9166, 94.8340, 90.7619

Monochromacy



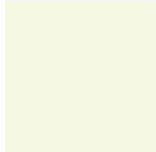
Original Color

82.9186, 94.6932, 65.5371



Achromatopsia

86.7900, 91.3099, 99.4364



Achromatomaly

85.3970, 92.7099, 86.0669

CSS Examples

Text

The CSS property to change the color of the text to XYZ 82.9186, 94.6932, 65.5371 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(244, 255, 195)` looks like.

```
.text, #text, p{  
    color:rgb(244, 255, 195)  
}
```

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(244, 255, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 255, 195) }
```

Border

The CSS property to change the border of an element to XYZ 82.9186, 94.6932, 65.5371 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(244, 255, 195) }
```


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

```
.border{ border-color:rgb(244, 255, 195) }
```

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

Here you see how a box with a 4 pixel rgb(244, 255, 195) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 255, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 255, 195);  
box-shadow:4px 4px 4px 4px rgb(244, 255,  
195) }
```

Background

The CSS property to change the background color of an element to XYZ 82.9186, 94.6932, 65.5371 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 255, 195) }
```

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

```
.background{ background-color: rgb(244,  
255, 195) }
```

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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