

Converting Colors

XYZ(91.7097, 112.4013,
72.8102)

Have a look what the booklet for
XYZ(91.7097, 112.4013, 72.8102)
contains.

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Color

**XYZ(82.6963, 94.4850,
69.7560)**

Conversions

Conversions Part 1

Format	Color
Hex	F1FFCA
RGB	241, 255, 202
RGB Percent	95%, 100%, 79%
CMY	0.0549, 0.0000, 0.2078
CMYK	0.05, 0.00, 0.21, 0.00
HSL	76°, 100%, 90%
HSV	76°, 21%, 100%
XYZ	82.6963, 94.4850, 69.7560
YIQ	244.7720, 8.6690, -19.4510

Conversions

Conversions Part 2

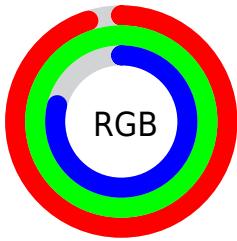
Format	Color
R_{YB}	202, 255, 216
Decimal	15859658
CIE _{Lab}	97.83, -13.30, 23.84
CIE _{LCh}	98, 27.301, 119.162
Yxy	94.4850, 0.3349, 0.3826
Android (android.graphics.Color)	4294049738 (0xFFFF1FFCA)
YUV	244.7720, -21.0866, -3.3080
Hunter-Lab	97.2034, -18.2461, 25.4941

Details

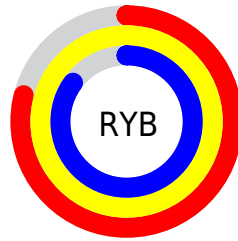
The XYZ color **82.6963, 94.4850, 69.7560** is a light color, and the websafe version is hex **FFFCC**. A complement of this color would be **67.4904, 64.0612, 103.4157**, and the grayscale version is **86.7663, 91.2849, 99.4093**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **45.5470, 52.8406, 35.8156** is the 20% darker color. If you saturate the color by 10%, you get **77.6651, 92.2118, 55.0406**, and if you desaturate by 10%, it is **88.3126, 97.0022, 87.1057**.

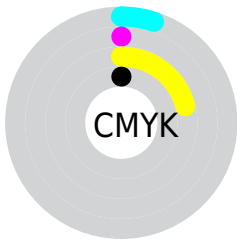
Distribution



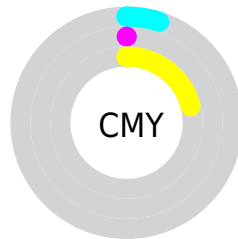
- Red (95%)
- Green (100%)
- Blue (79%)



- Red (79%)
- Yellow (100%)
- Blue (85%)



- Cyan (5%)
- Magenta (0%)
- Yellow (21%)
- Black (0%)





- Cyan (5%)
- Magenta (0%)
- Yellow (21%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 82.6963, 94.4850, 69.7560 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 82.6963, 94.4850, 69.7560 by changing the saturation by 10% instead.

 82.6963, 94.4850,
69.7560

 82.6963, 94.4850,
69.7560


492.5731,
542.5149, 478.4588

 62.2557, 71.7064,
50.8521


136.0808,
153.5529, 120.5386

 45.4957, 52.9189,
35.7150


169.7553,
190.6110, 153.2543

 32.0510, 37.7380,
23.9262


208.5720,
233.1978, 191.4110

 21.5562, 25.7794,
15.0672

252.8960,
281.6976, 235.4273

 13.6459, 16.6587,
8.7194

303.0927,
336.4948, 285.7217

 7.9549, 9.9915,
4.4643

359.5276,

 4.1177, 5.3933,

397.9738, 342.7127

1.8834

422.5659,
466.5191, 406.8189

■ 1.7689, 2.4798,
0.4821

■ 0.4988, 0.8665,
0.0000

■ 82.6963, 94.4850,
69.7560

■ 82.6963, 94.4850,
69.7560

■ 77.6651, 92.2118,
55.0406

■ 88.3126, 97.0022,
87.1057

■ 73.1919, 90.1716,
42.8263

■ 94.5361, 99.7720,
107.2057

■ 69.2499, 88.3533,
32.9747

■ 95.0500, 100.0000,
108.9000

■ 65.8088, 86.7450,
25.3321

■ 62.8353, 85.3331,
19.7268

■ 60.2908, 84.1020,
15.9616

■ 58.1296, 83.0335,
13.8006

■ 56.4111, 82.1661,
12.8865

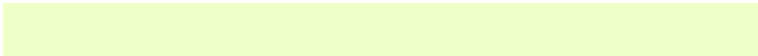
Harmonies

Analogous

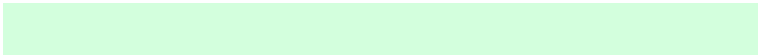
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



90.0245, 94.4850, 65.6428



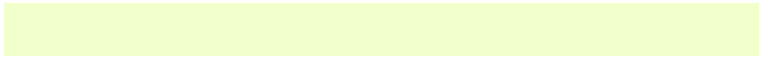
82.6963, 94.4850, 69.7560



77.5383, 94.4850, 82.4018

Triad

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



82.6963, 94.4850, 69.7560



82.3376, 94.4850, 144.3212



105.6445, 94.4850, 103.5070

Complementary

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



82.6963, 94.4850, 69.7560



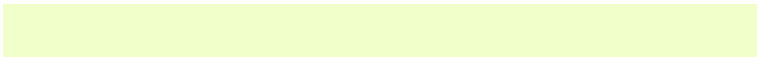
67.4904, 64.0612, 103.4157

Split Complementary

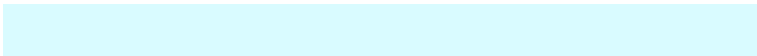
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



103.3020, 94.4850, 126.4933



82.6963, 94.4850, 69.7560



89.5862, 94.4850, 152.0562

Square

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



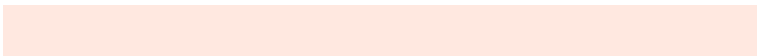
82.6963, 94.4850, 69.7560



77.3398, 94.4850, 125.2497



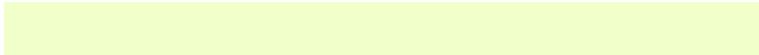
97.3102, 94.4850, 145.1091



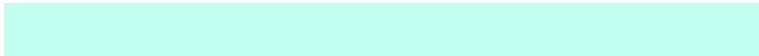
103.5427, 94.4850, 83.3429

Rectangle

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



82.6963, 94.4850, 69.7560



75.8711, 94.4850, 95.0147



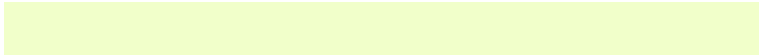
97.3102, 94.4850, 145.1091



105.3486, 94.4850, 111.1639

Sweetspot

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



82.6969, 94.4853, 69.7574



91.2124, 98.2950, 96.3700



76.2655, 74.2535, 66.1912



19.4367, 21.0006, 20.3483



0.0000, 0.0000, 0.0000



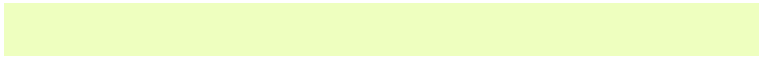
20.3446, 21.4041, 23.3091

Same Dimension

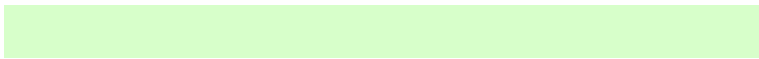
The Same Dimension uses a secret algorithm to generate beautiful new colors.



82.6969, 94.4853, 69.7574



80.5054, 93.4976, 63.2383



74.5192, 90.2696, 69.3747



19.0655, 20.8352, 19.1611



29.6244, 43.0100, 6.7404



2.9875, 4.2409, 0.6611

Inverse Universe

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



67.4904, 64.0612, 103.4157



62.7729, 58.0136, 102.4970



75.7034, 68.2952, 103.8000



17.4529, 17.6097, 22.7291



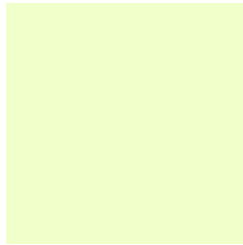
10.7726, 4.4640, 49.7284



1.1466, 0.4850, 4.8465

Previews

White Background



This preview shows how the XYZ color 82.6963, 94.4850, 69.7560 looks on a white background.

Color Contrast Check

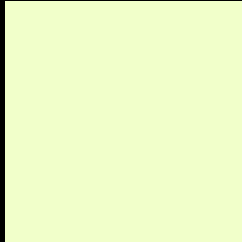
Large Text (above 18pt) WCAG AA × Fail

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 82.6963, 94.4850, 69.7560 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

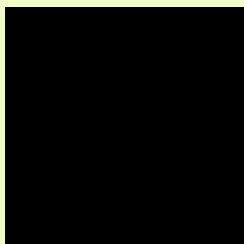
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

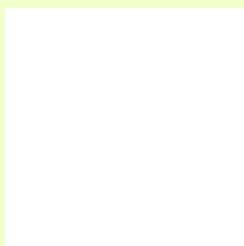
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 82.6963, 94.4850, 69.7560

Background



This preview shows how black text looks on a background with the XYZ color 82.6963, 94.4850, 69.7560.



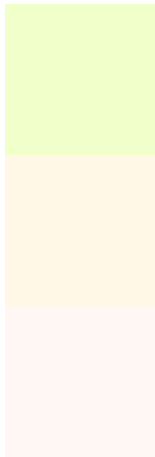
This preview shows how white text looks on a background with the XYZ color 82.6963, 94.4850, 69.7560.

69.7560.

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

82.6963, 94.4850, 69.7560

Protanopia

89.0903, 94.1080, 88.3320

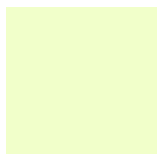
Deuteranopia

90.6784, 94.2526, 98.2073

Tritanopia

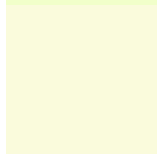
90.6843, 94.4945, 108.0674

Trichromacy



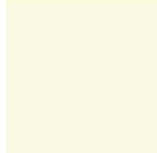
Original Color

82.6963, 94.4850, 69.7560



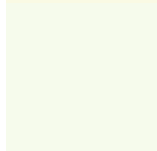
Protanomaly

86.8398, 94.4857, 81.3708



Deuteranomaly

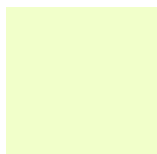
87.6135, 94.2966, 86.9821



Tritanomaly

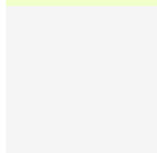
87.6435, 94.6433, 93.0056

Monochromacy



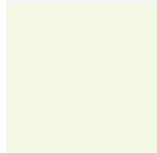
Original Color

82.6963, 94.4850, 69.7560



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 82.6963, 94.4850, 69.7560 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, 202)` looks like.

```
.text, #text, p{  
    color:rgb(241, 255, 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(241, 255, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 255, 202) }
```

Border

The CSS property to change the border of an element to XYZ 82.6963, 94.4850, 69.7560 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, 202) }
```


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

```
.border{ border-color:rgb(241, 255, 202) }
```

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, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 255, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 255, 202);  
box-shadow:4px 4px 4px 4px rgb(241, 255,  
202) }
```

Background

The CSS property to change the background color of an element to XYZ 82.6963, 94.4850, 69.7560 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, 202) }
```

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

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