

Converting Colors

XYZ(83.2536, 94.3559, 67.2513)

Have a look what the booklet for
XYZ(83.2536, 94.3559, 67.2513)
contains.

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Color

**XYZ(83.2910, 94.3733,
67.2520)**

Conversions

Conversions Part 1

Format	Color
Hex	F5FEC6
RGB	245, 254, 198
RGB Percent	96%, 100%, 78%
CMY	0.0392, 0.0039, 0.2235
CMYK	0.04, 0.00, 0.22, 0.00
HSL	70°, 97%, 89%
HSV	70°, 22%, 100%
XYZ	83.2910, 94.3733, 67.2520
YIQ	244.9250, 12.6120, -19.3240

Conversions

Conversions Part 2

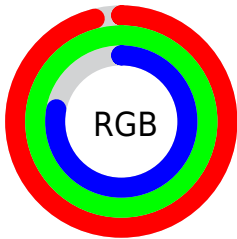
Format	Color
RYB	198, 254, 207
Decimal	16121542
CIELab	97.78, -11.97, 25.85
CIElCh	98, 28.487, 114.843
Yxy	94.3733, 0.3401, 0.3853
Android (android.graphics.Color)	4294311622 (0xFFFF5FEC6)
YUV	244.9250, -23.1340, 0.0658
Hunter-Lab	97.1459, -16.9630, 26.9570

Details

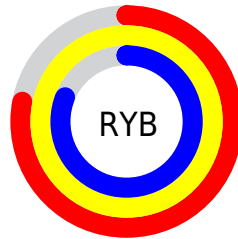
The XYZ color **83.2910, 94.3733, 67.2520** is a light color, and the websafe version is hex **FFFCC**. A complement of this color would be **63.8193, 60.8118, 102.1454**, and the grayscale version is **86.9059, 91.4318, 99.5692**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **45.7393, 52.6375, 34.1349** is the 20% darker color. If you saturate the color by 10%, you get **79.1951, 92.5753, 53.0281**, and if you desaturate by 10%, it is **87.9147, 96.3924, 84.0691**.

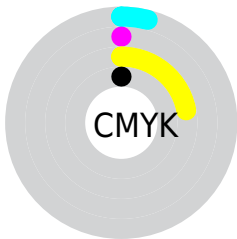
Distribution



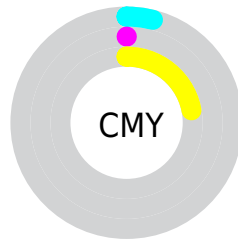
- Red (96%)
- Green (100%)
- Blue (78%)



- Red (78%)
- Yellow (100%)
- Blue (81%)



- Cyan (4%)
- Magenta (0%)
- Yellow (22%)
- Black (0%)





- Cyan (4%)
- Magenta (0%)
- Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 83.2910, 94.3733, 67.2520 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 83.2910, 94.3733, 67.2520 by changing the saturation by 10% instead.


 83.2910, 94.3733,
67.2520

 83.2910, 94.3733,
67.2520


494.5251,
542.1567, 469.3671

 62.7480, 71.6135,
48.8266


136.9094,
153.3985, 116.9255

 45.8952, 52.8430,
34.1173


170.7154,
190.4327, 149.0106

 32.3674, 37.6774,
22.7056


209.6732,
232.9938, 186.4861

 21.7992, 25.7324,
14.1730

254.1480,
281.4662, 229.7704

 13.8252, 16.6236,
8.1010

304.5052,
336.2343, 279.2822

 8.0801, 9.9665,
4.0709

361.1103,

 4.1985, 5.3767,

397.6825, 335.4398

1.6643

424.3284,
466.1952, 398.6620

■ 1.8150, 2.4700,
0.3361

■ 0.5267, 0.8615,
0.0000

■ 83.2910, 94.3733,
67.2520

■ 83.2910, 94.3733,
67.2520

■ 79.1951, 92.5753,
53.0281

■ 87.9147, 96.3924,
84.0691

■ 75.5948, 90.9760,
41.2623

■ 93.0818, 98.6294,
103.5933

■ 72.4660, 89.5689,
31.8167

■ 94.7338, 99.3676,
108.7946

■ 69.7791, 88.3420,
24.5370

■ 67.5010, 87.2823,
19.2506

■ 65.5938, 86.3744,
15.7582

■ 64.0117, 85.6001,
13.8198

■ 62.9311, 85.0578,
13.1010

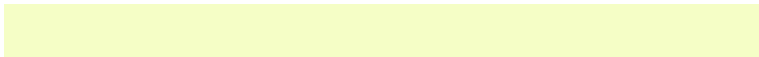
Harmonies

Analogous

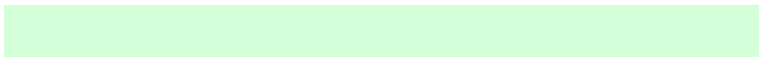
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



91.1113, 94.3733, 64.3099



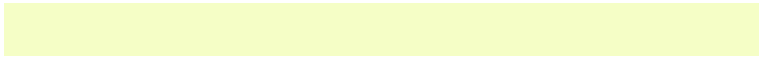
83.2910, 94.3733, 67.2520



77.5170, 94.3733, 79.0753

Triad

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



83.2910, 94.3733, 67.2520



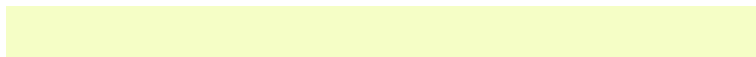
80.9963, 94.3733, 143.8723



106.1842, 94.3733, 106.8329

Complementary

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



83.2910, 94.3733, 67.2520



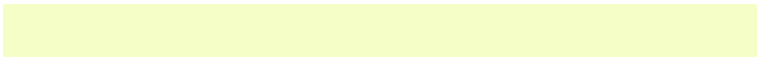
63.8193, 60.8118, 102.1454

Split Complementary

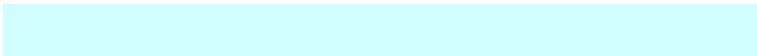
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



103.0947, 94.3733, 130.7483



83.2910, 94.3733, 67.2520



88.3014, 94.3733, 154.0989

Square

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



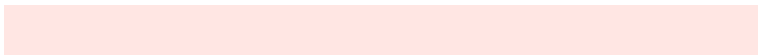
83.2910, 94.3733, 67.2520



76.2493, 94.3733, 122.7345



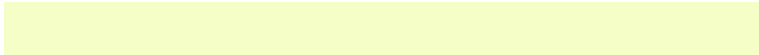
96.4275, 94.3733, 148.9670



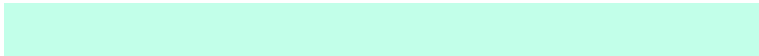
104.6439, 94.3733, 85.0733

Rectangle

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



83.2910, 94.3733, 67.2520



75.4422, 94.3733, 91.4909



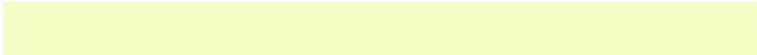
96.4275, 94.3733, 148.9670



105.6475, 94.3733, 114.9109

Sweetspot

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



83.2935, 94.3775, 67.2540



91.2598, 98.3629, 94.4117



73.2370, 69.4861, 62.9795



19.4662, 21.0246, 19.9544



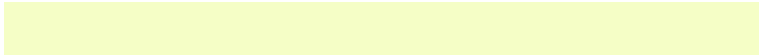
0.0000, 0.0000, 0.0000



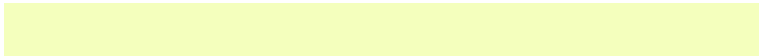
20.3446, 21.4041, 23.3091

Same Dimension

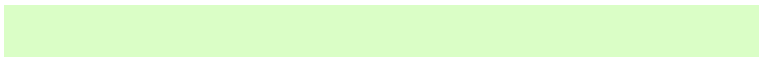
The Same Dimension uses a secret algorithm to generate beautiful new colors.



83.2935, 94.3775, 67.2540



82.3386, 94.4748, 61.8693



74.4321, 89.8093, 66.8393



19.2575, 20.9342, 19.1701



33.2820, 44.8956, 6.9116



3.3139, 4.4091, 0.6764

Inverse Universe

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



63.8193, 60.8118, 102.1454



59.8323, 55.6779, 102.2011



72.1497, 65.1063, 102.5352



17.2750, 17.5180, 22.7208



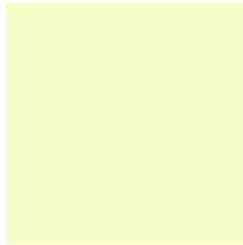
9.9892, 4.0601, 49.6918



1.0466, 0.4335, 4.8418

Previews

White Background



This preview shows how the XYZ color 83.2910, 94.3733, 67.2520 looks on a white background.

Color Contrast Check

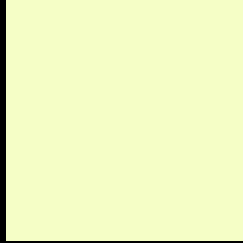
Large Text (above 18pt) WCAG AA × Fail

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 83.2910, 94.3733, 67.2520 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 83.2910, 94.3733, 67.2520

Background



This preview shows how black text looks on a background with the XYZ color 83.2910, 94.3733, 67.2520.



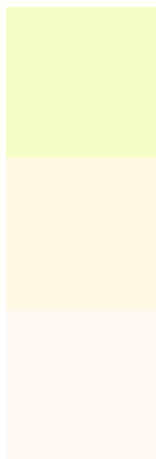
This preview shows how white text looks on a background with the XYZ color 83.2910, 94.3733,

67.2520.

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

83.2910, 94.3733, 67.2520

Protanopia

88.9503, 94.0519, 87.5944

Deuteranopia

90.5278, 94.1923, 97.4140

Tritanopia

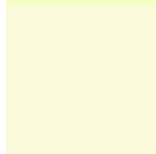
91.0944, 94.2508, 107.9988

Trichromacy



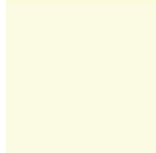
Original Color

83.2910, 94.3733, 67.2520



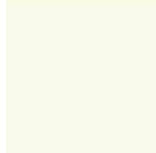
Protanomaly

86.6242, 93.9424, 79.8968



Deuteranomaly

87.6967, 94.3714, 85.5449



Tritanomaly

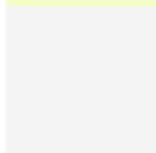
88.1038, 94.4515, 91.4293

Monochromacy



Original Color

83.2910, 94.3733, 67.2520



Achromatopsia

86.7900, 91.3099, 99.4364



Achromatomaly

85.2272, 92.1487, 86.6933

CSS Examples

Text

The CSS property to change the color of the text to XYZ 83.2910, 94.3733, 67.2520 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, 254, 198)` looks like.

```
.text, #text, p{  
    color:rgb(245, 254, 198)  
}
```

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, 254, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 254, 198) }
```

Border

The CSS property to change the border of an element to XYZ 83.2910, 94.3733, 67.2520 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, 254, 198) }
```


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

```
.border{ border-color:rgb(245, 254, 198) }
```

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

Here you see how a box with a 4 pixel rgb(245, 254, 198) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 254, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 254, 198);  
box-shadow:4px 4px 4px 4px rgb(245, 254,  
198) }
```

Background

The CSS property to change the background color of an element to XYZ 83.2910, 94.3733, 67.2520 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 254, 198) }
```

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

```
.background{ background-color: rgb(245,  
254, 198) }
```

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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