

Converting Colors

XYZ(87.2737, 100.0000,
67.9951)

Have a look what the booklet for
XYZ(87.2737, 100.0000, 67.9951)
contains.

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Color

**XYZ(85.3774, 95.9212,
67.4409)**

Conversions

Conversions Part 1

Format	Color
Hex	FAFFC6
RGB	250, 255, 198
RGB Percent	98%, 100%, 78%
CMY	0.0196, 0.0000, 0.2235
CMYK	0.02, 0.00, 0.22, 0.00
HSL	65°, 100%, 89%
HSV	65°, 22%, 100%
XYZ	85.3774, 95.9212, 67.4409
YIQ	247.0070, 15.3170, -18.7870

Conversions

Conversions Part 2

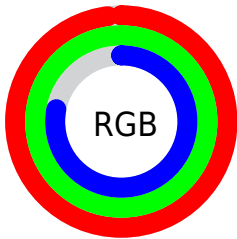
Format	Color
R_{YB}	198, 255, 203
Decimal	16449478
CIE _{Lab}	98.40, -10.67, 26.76
CIE _{LCh}	98, 28.809, 111.745
Yxy	95.9212, 0.3432, 0.3856
Android (android.graphics.Color)	4294639558 (0xFFFAFFC6)
YUV	247.0070, -24.1605, 2.6249
Hunter-Lab	97.9394, -15.7888, 27.7306

Details

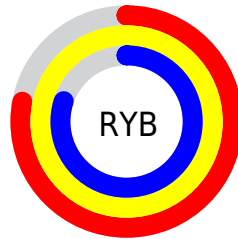
The XYZ color **85.3774, 95.9212, 67.4409** is a light color, and the websafe version is hex **FFFCC**. A complement of this color would be **62.8737, 60.3060, 102.9342**, and the grayscale version is **88.5945, 93.2083, 101.5038**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **47.2204, 53.7392, 34.2695** is the 20% darker color. If you saturate the color by 10%, you get **81.8825, 94.4312, 53.1945**, and if you desaturate by 10%, it is **89.3780, 97.6146, 84.2984**.

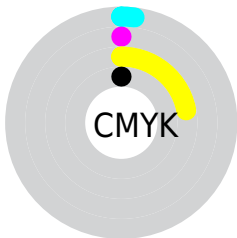
Distribution



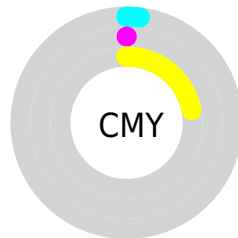
- Red (98%)
- Green (100%)
- Blue (78%)



- Red (78%)
- Yellow (100%)
- Blue (80%)



- Cyan (2%)
- Magenta (0%)
- Yellow (22%)
- Black (0%)





- Cyan (2%)
- Magenta (0%)
- Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 85.3774, 95.9212, 67.4409 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 85.3774, 95.9212, 67.4409 by changing the saturation by 10% instead.


 85.3774, 95.9212,
67.4409

 85.3774, 95.9212,
67.4409


501.3409,
547.1099, 470.0567

 64.4768, 72.9019,
48.9792


139.8116,
155.5367, 117.1986

 47.3001, 53.8958,
34.2375


174.0760,
192.9016, 149.3316

 33.4819, 38.5183,
22.7973


213.5257,
235.8173, 186.8589

 22.6569, 26.3852,
14.2400

258.5260,
284.6681, 230.1988

 14.4596, 17.1121,
8.1471

309.4423,
339.8383, 279.7700

 8.5249, 10.3144,
4.1001

366.6400,

 4.4872, 5.6079,

401.7125, 335.9911

1.6804

430.4844,
470.6748, 399.2804

■ 1.9813, 2.6082,
0.3473

■ 0.6234, 0.9308,
0.0000

■ 85.3774, 95.9212,
67.4409

■ 85.3774, 95.9212,
67.4409

■ 81.8825, 94.4312,
53.1945

■ 89.3780, 97.6146,
84.2984

■ 78.8671, 93.1341,
41.4247

■ 93.9060, 99.5201,
103.8843

■ 76.3047, 92.0193,
31.9909

95.0500, 100.0000,
108.9000

■ 74.1655, 91.0749,
24.7372

■ 72.4164, 90.2875,
19.4883

■ 71.0189, 89.6419,
16.0424

■ 69.9267, 89.1195,
14.1551

■ 69.2448, 88.7820,
13.4871

Harmonies

Analogous

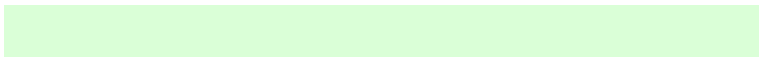
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



93.4837, 95.9212, 65.3835



85.3774, 95.9212, 67.4409



79.1891, 95.9212, 78.5923

Triad

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



85.3774, 95.9212, 67.4409



81.6301, 95.9212, 144.6576



107.9159, 95.9212, 111.1510

Complementary

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



85.3774, 95.9212, 67.4409



62.8737, 60.3060, 102.9342

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.



104.3027, 95.9212, 135.4162



85.3774, 95.9212, 67.4409



88.8952, 95.9212, 156.5928

Square

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



85.3774, 95.9212, 67.4409



77.1189, 95.9212, 122.3304



97.2193, 95.9212, 152.9761



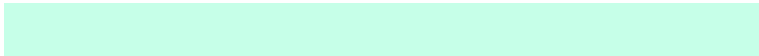
106.8324, 95.9212, 88.3882

Rectangle

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



85.3774, 95.9212, 67.4409



76.8215, 95.9212, 90.7528



97.2193, 95.9212, 152.9761



107.2028, 95.9212, 119.4427

Sweetspot

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



85.3779, 95.9214, 67.4423



91.7343, 98.6075, 94.4339



72.7308, 67.9322, 62.7064



19.5764, 21.0814, 19.9596



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

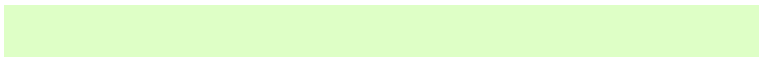
The Same Dimension uses a secret algorithm to generate beautiful new colors.



85.3779, 95.9214, 67.4423



83.6919, 95.2041, 60.5032



76.0014, 91.0877, 67.0035



19.3948, 21.0050, 19.1765



36.2470, 46.4241, 7.0503



3.5735, 4.5430, 0.6885

Inverse Universe

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



62.8737, 60.3060, 102.9342



57.4266, 53.6322, 101.9331



71.2807, 64.6399, 103.3276



17.1507, 17.4539, 22.7149



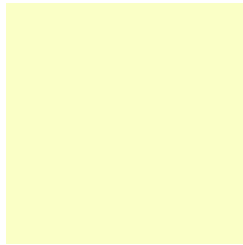
9.6587, 3.8897, 49.6763



0.9883, 0.4034, 4.8390

Previews

White Background



This preview shows how the XYZ color 85.3774, 95.9212, 67.4409 looks on a white background.

Color Contrast Check

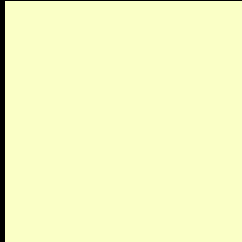
Large Text (above 18pt) WCAG AA × Fail

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 85.3774, 95.9212, 67.4409 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

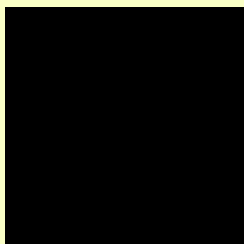
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 85.3774, 95.9212, 67.4409

Background



This preview shows how black text looks on a background with the XYZ color 85.3774, 95.9212, 67.4409.

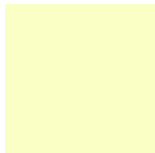


This preview shows how white text looks on a background with the XYZ color 85.3774, 95.9212,

Color Blindness Simulation

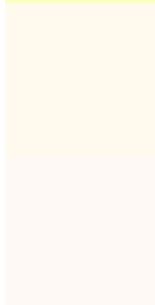
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

85.3774, 95.9212, 67.4409



Protanopia

90.7117, 95.7456, 93.8205

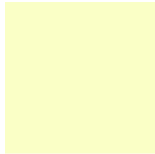
Deuteranopia

91.7502, 95.6652, 100.8182

Tritanopia

92.4337, 95.8540, 108.2376

Trichromacy



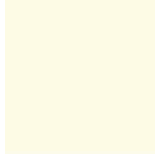
Original Color

85.3774, 95.9212, 67.4409



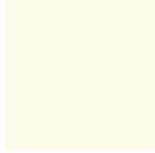
Protanomaly

88.6377, 95.8312, 83.6376



Deuteranomaly

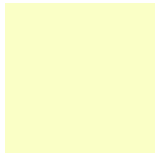
89.1481, 95.5342, 87.8701



Tritanomaly

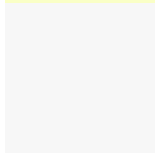
89.4933, 95.6303, 91.5836

Monochromacy



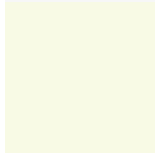
Original Color

85.3774, 95.9212, 67.4409



Achromatopsia

88.4070, 93.0111, 101.2891



Achromatomaly

87.0399, 93.9848, 87.6821

CSS Examples

Text

The CSS property to change the color of the text to XYZ 85.3774, 95.9212, 67.4409 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(250, 255, 198)` looks like.

```
.text, #text, p{  
    color:rgb(250, 255, 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(250, 255, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 255, 198) }
```

Border

The CSS property to change the border of an element to XYZ 85.3774, 95.9212, 67.4409 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(250, 255, 198) }
```


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

```
.border{ border-color:rgb(250, 255, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 255, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 255, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 255, 198);  
box-shadow:4px 4px 4px 4px rgb(250, 255,  
198) }
```

Background

The CSS property to change the background color of an element to XYZ 85.3774, 95.9212, 67.4409 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 255, 198) }
```

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

```
.background{ background-color: rgb(250,  
255, 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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