

Converting Colors

XYZ(96.9769, 100.0000,
67.8562)

Have a look what the booklet for
XYZ(96.9769, 100.0000, 67.8562)
contains.

XYZ(85.9302, 94.3316, 67.1049)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(85.9302, 94.3316,
67.1049)**

Conversions

Conversions Part 1

Format	Color
Hex	FFFBC6
RGB	255, 251, 198
RGB Percent	100%, 98%, 78%
CMY	0.0000, 0.0157, 0.2235
CMYK	0.00, 0.02, 0.22, 0.00
HSL	56°, 100%, 89%
HSV	56°, 22%, 100%
XYZ	85.9302, 94.3316, 67.1049
YIQ	246.1540, 19.3970, -15.6350

Conversions

Conversions Part 2

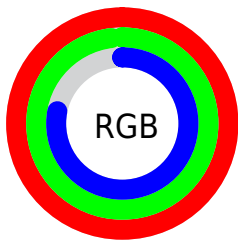
Format	Color
R_{YB}	202, 255, 198
Decimal	16776134
CIE _{Lab}	97.77, -6.90, 25.95
CIE _{LCh}	98, 26.847, 104.882
Yxy	94.3316, 0.3474, 0.3813
Android (android.graphics.Color)	4294966214 (0xFFFFFBC6)
YUV	246.1540, -23.7399, 7.7579
Hunter-Lab	97.1245, -12.0411, 27.0227

Details

The XYZ color **85.9302, 94.3316, 67.1049** is a light color, and the websafe version is hex **FFFCC**. A complement of this color would be **62.4588, 61.4651, 103.1798**, and the grayscale version is **87.8991, 92.4767, 100.7071**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **47.8379, 53.0496, 34.1038** is the 20% darker color. If you saturate the color by 10%, you get **82.6784, 92.1453, 52.7113**, and if you desaturate by 10%, it is **89.6871, 96.7349, 84.1122**.

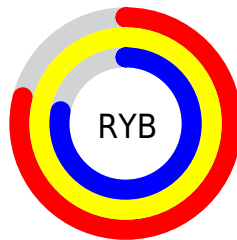
Distribution



Red (100%)

Green (98%)

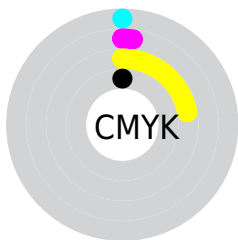
Blue (78%)



Red (79%)

Yellow (100%)

Blue (78%)

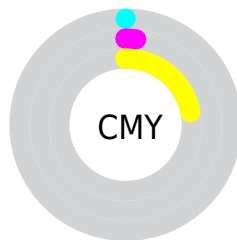


Cyan (0%)

Magenta (2%)

Yellow (22%)

Black (0%)



Cyan (0%)


Magenta (2%)


Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 85.9302, 94.3316, 67.1049 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 85.9302, 94.3316, 67.1049 by changing the saturation by 10% instead.


 85.9302, 94.3316,
67.1049

 85.9302, 94.3316,
67.1049


503.1385,
542.0230, 468.8297

 64.9353, 71.5788,
48.7077


140.5794,
153.3409, 116.7128

 47.6731, 52.8147,
34.0237


174.9645,
190.3661, 148.7606

 33.7783, 37.6548,
22.6343


214.5436,
232.9176, 186.1957

 22.8854, 25.7149,
14.1210

259.6822,
281.3798, 229.4367

 14.6291, 16.6105,
8.0651

310.7457,
336.1370, 278.9020

 8.6441, 9.9572,
4.0483

368.0993,

 4.5650, 5.3706,

397.5737, 335.0103

1.6519

432.1084,
466.0742, 398.1800

■ 2.0265, 2.4663,
0.3274

■ 0.6488, 0.8597,
0.0000

■ 85.9302, 94.3316,
67.1049

■ 85.9302, 94.3316,
67.1049

■ 82.6784, 92.1453,
52.7113

■ 89.6871, 96.7349,
84.1122

■ 79.9000, 90.1535,
40.7948

■ 93.9653, 99.3519,
103.8486

■ 77.5704, 88.3496,
31.2158

95.0500, 100.0000,
108.9000

■ 75.6600, 86.7217,
23.8181

■ 74.1354, 85.2565,
18.4266

■ 72.9582, 83.9386,
14.8393

■ 72.0822, 82.7494,
12.8119

■ 71.5629, 81.9058,
12.0376

Harmonies

Analogous

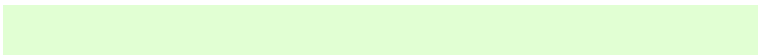
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



93.5552, 94.3316, 67.1388



85.9302, 94.3316, 67.1049



79.6641, 94.3316, 75.6320

Triad

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



85.9302, 94.3316, 67.1049



79.6244, 94.3316, 135.4386



104.6406, 94.3316, 114.1081

Complementary

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



85.9302, 94.3316, 67.1049



62.4588, 61.4651, 103.1798

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.



100.4575, 94.3316, 135.5866



85.9302, 94.3316, 67.1049



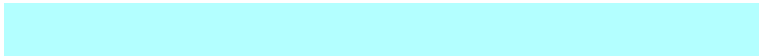
85.8732, 94.3316, 149.0432

Square

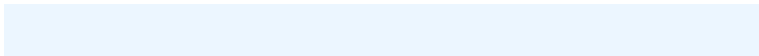
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



85.9302, 94.3316, 67.1049



76.1668, 94.3316, 113.9279



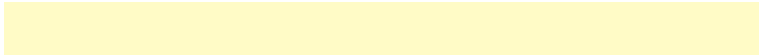
93.4949, 94.3316, 149.1009



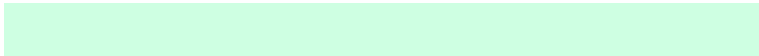
104.6580, 94.3316, 92.2558

Rectangle

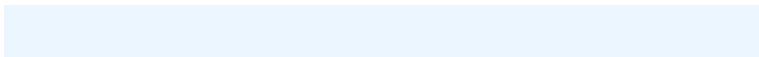
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



85.9302, 94.3316, 67.1049



76.9758, 94.3316, 85.8284



93.4949, 94.3316, 149.1009



103.6649, 94.3316, 121.6741

Sweetspot

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



85.9325, 94.3357, 67.1069



91.9103, 98.1078, 94.3282



72.1845, 65.9491, 65.2700



19.6173, 20.9653, 19.9350



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

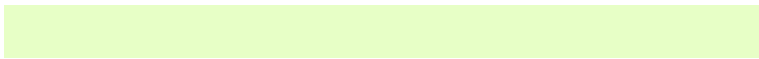
The Same Dimension uses a secret algorithm to generate beautiful new colors.



85.9325, 94.3357, 67.1069



84.3592, 93.2923, 60.0990



78.9893, 92.6280, 67.1432



19.4459, 20.8599, 19.1458



37.4394, 42.8900, 6.3053



3.6767, 4.2388, 0.6244

Inverse Universe

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



62.4588, 61.4651, 103.1798



56.9613, 54.9281, 102.2077



68.2927, 63.0995, 103.1878



17.1052, 17.5820, 22.7421



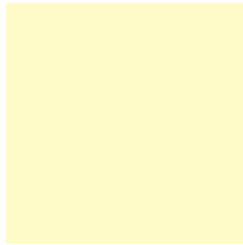
9.5806, 4.0708, 49.7154



0.9668, 0.4643, 4.8519

Previews

White Background



This preview shows how the XYZ color 85.9302, 94.3316, 67.1049 looks on a white background.

Color Contrast Check

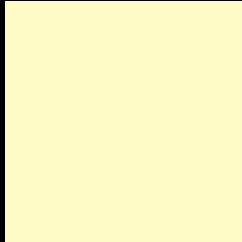
Large Text (above 18pt) WCAG AA × Fail

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 85.9302, 94.3316, 67.1049 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

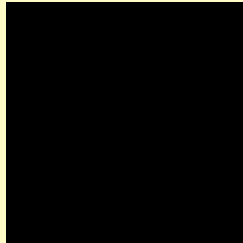
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 85.9302, 94.3316, 67.1049

Background



This preview shows how black text looks on a background with the XYZ color 85.9302, 94.3316, 67.1049.

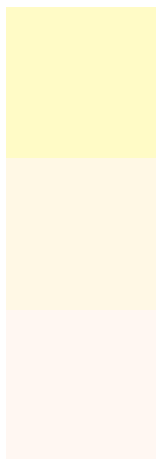


This preview shows how white text looks on a background with the XYZ color 85.9302, 94.3316,

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

85.9302, 94.3316, 67.1049

Protanopia

88.9503, 94.0519, 87.5944

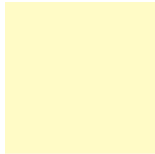
Deuteranopia

90.5278, 94.1923, 97.4140

Tritanopia

92.0852, 94.3273, 107.1195

Trichromacy



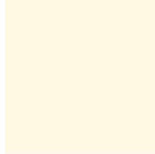
Original Color

85.9302, 94.3316, 67.1049



Protanomaly

87.7706, 94.0733, 79.8616



Deuteranomaly

88.5349, 93.8858, 85.4070



Tritanomaly

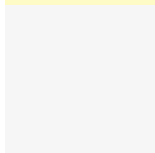
89.6587, 94.3353, 91.3249

Monochromacy



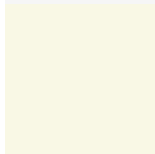
Original Color

85.9302, 94.3316, 67.1049



Achromatopsia

87.5964, 92.1582, 100.3603



Achromatomaly

86.7772, 92.9317, 87.4927

CSS Examples

Text

The CSS property to change the color of the text to XYZ 85.9302, 94.3316, 67.1049 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(255, 251, 198)` looks like.

```
.text, #text, p{  
    color:rgb(255, 251, 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(255, 251, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 251, 198) }
```

Border

The CSS property to change the border of an element to XYZ 85.9302, 94.3316, 67.1049 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(255, 251, 198) }
```


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

```
.border{ border-color:rgb(255, 251, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 251, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 251, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 251, 198);  
box-shadow:4px 4px 4px 4px rgb(255, 251,  
198) }
```

Background

The CSS property to change the background color of an element to XYZ 85.9302, 94.3316, 67.1049 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 251, 198) }
```

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

```
.background{ background-color: rgb(255,  
251, 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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