

Converting Colors

XYZ(84.8351, 93.7670, 67.0536)

Have a look what the booklet for
XYZ(84.8351, 93.7670, 67.0536)
contains.

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Color

**XYZ(84.8351, 93.7670,
67.0536)**

Conversions

Conversions Part 1

Format	Color
Hex	FCFBC6
RGB	252, 251, 198
RGB Percent	99%, 98%, 78%
CMY	0.0118, 0.0157, 0.2235
CMYK	0.00, 0.00, 0.21, 0.01
HSL	59°, 90%, 88%
HSV	59°, 21%, 99%
XYZ	84.8351, 93.7670, 67.0536
YIQ	245.2570, 17.6090, -16.2710

Conversions

Conversions Part 2

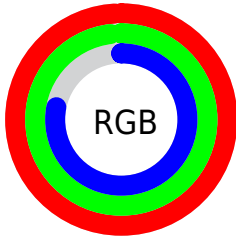
Format	Color
R_{YB}	199, 252, 198
Decimal	16579526
CIE _{Lab}	97.54, -7.98, 25.60
CIE _{LCh}	98, 26.812, 107.309
Yxy	93.7670, 0.3453, 0.3817
Android (android.graphics.Color)	4294769606 (0xFFFCFBC6)
YUV	245.2570, -23.2977, 5.9136
Hunter-Lab	96.8334, -13.0757, 26.7272

Details

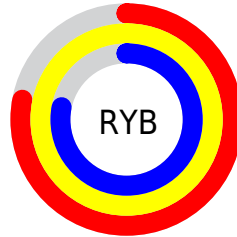
The XYZ color **84.8351, 93.7670, 67.0536** is a light color, and the websafe version is hex **FFFCC**. A complement of this color would be **61.2826, 59.8796, 100.4239**, and the grayscale version is **87.1718, 91.7115, 99.8738**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **47.0548, 52.6459, 34.0672** is the 20% darker color. If you saturate the color by 10%, you get **82.0231, 92.4138, 52.9494**, and if you desaturate by 10%, it is **88.1360, 95.3228, 83.7089**.

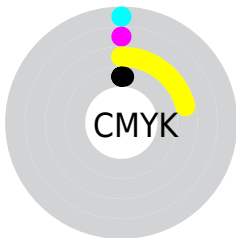
Distribution



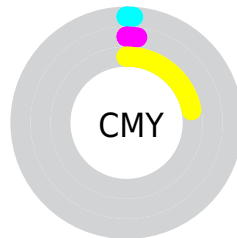
- Red (99%)
- Green (98%)
- Blue (78%)



- Red (78%)
- Yellow (99%)
- Blue (78%)



- Cyan (0%)
- Magenta (0%)
- Yellow (21%)
- Black (1%)





- Cyan (1%)
- Magenta (2%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 84.8351, 93.7670, 67.0536 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 84.8351, 93.7670, 67.0536 by changing the saturation by 10% instead.


 84.8351, 93.7670,
67.0536

 84.8351, 93.7670,
67.0536


499.5742,
540.2101, 468.6422

 64.0272, 71.1092,
48.6663

139.0580,
152.5601, 116.6386

 46.9344, 52.4313,
33.9911


173.2036,
189.4641, 148.6734

 33.1916, 37.3490,
22.6095


212.5259,
231.8856, 186.0944

 22.4332, 25.4778,
14.1028

257.3902,
280.2091, 229.3202

 14.2939, 16.4334,
8.0527

308.1618,
334.8189, 278.7694

 8.4084, 9.8313,
4.0404

365.2061,

 4.4114, 5.2873,

396.0994, 334.8604

1.6475

428.8884,
464.4350, 398.0118

■ 1.9374, 2.4168,
0.3244

■ 0.5984, 0.8345,
0.0000

■ 84.8351, 93.7670,
67.0536

■ 84.8351, 93.7670,
67.0536

■ 82.0231, 92.4138,
52.9494

■ 88.1360, 95.3228,
83.7089

■ 79.6689, 91.2410,
41.2644

■ 91.9407, 97.0775,
103.0265

■ 77.7488, 90.2424,
31.8639

■ 93.1308, 97.7869,
108.5740

■ 76.2343, 89.4067,
24.5979

■ 93.2770, 98.0793,
108.6227

■ 75.0936, 88.7210,
19.2982

■ 93.4235, 98.3724,
108.6716

■ 74.2900, 88.1707,
15.7716

■ 93.5705, 98.6663,
108.7205

■ 73.7792, 87.7381,
13.7856

■ 93.7177, 98.9608,
108.7696

■ 73.5162, 87.4377,
13.0025

■ 93.8654, 99.2561,
108.8188

■ 93.9551, 99.4356,
108.8488

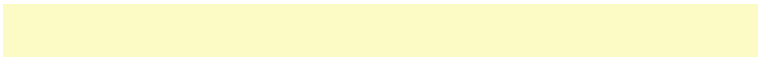
Harmonies

Analogous

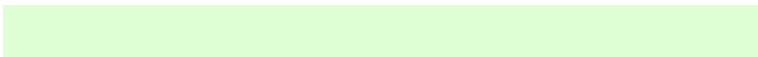
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



92.3797, 93.7670, 66.3947



84.8351, 93.7670, 67.0536



78.7836, 93.7670, 76.2112

Triad

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



84.8351, 93.7670, 67.0536



79.5549, 93.7670, 136.1403



104.1906, 93.7670, 111.5928

Complementary

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



84.8351, 93.7670, 67.0536



61.2826, 59.8796, 100.4239

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.



100.3290, 93.7670, 133.2648



84.8351, 93.7670, 67.0536



85.9432, 93.7670, 148.7354

Square

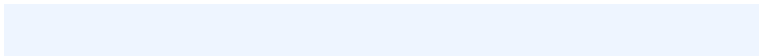
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



84.8351, 93.7670, 67.0536



75.8565, 93.7670, 115.0937



93.5524, 93.7670, 147.6138



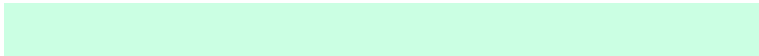
103.8519, 93.7670, 90.1163

Rectangle

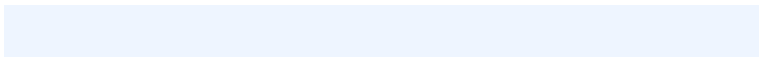
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



84.8351, 93.7670, 67.0536



76.2798, 93.7670, 86.7531



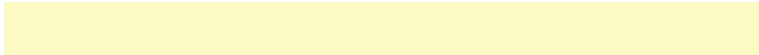
93.5524, 93.7670, 147.6138



103.3319, 93.7670, 119.1496

Sweetspot

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



84.8375, 93.7712, 67.0556



92.5938, 98.8738, 96.4089



70.7419, 65.2456, 63.3875



19.7642, 21.1378, 20.3576



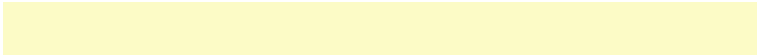
0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

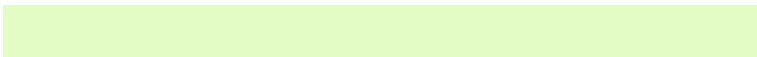
The Same Dimension uses a secret algorithm to generate beautiful new colors.



84.8375, 93.7712, 67.0556



85.7645, 95.6647, 61.9184



76.6198, 89.9971, 66.7602



18.6984, 20.1326, 18.3629



38.3081, 45.5728, 6.7774



3.5565, 4.2378, 0.6305

Inverse Universe

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



61.2826, 59.8796, 100.4239



57.3582, 54.7931, 102.1608



68.2589, 63.1374, 100.6851



16.3087, 16.6942, 21.7480



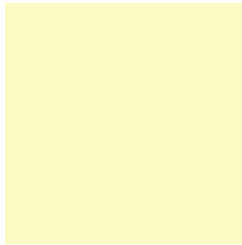
9.1905, 3.7365, 48.2104



0.8599, 0.3635, 4.4680

Previews

White Background



This preview shows how the XYZ color 84.8351, 93.7670, 67.0536 looks on a white background.

Color Contrast Check

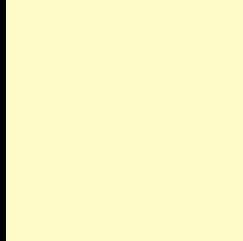
Large Text (above 18pt) WCAG AA × Fail

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 84.8351, 93.7670, 67.0536 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

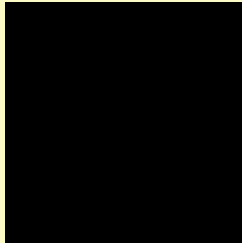
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 84.8351, 93.7670, 67.0536

Background



This preview shows how black text looks on a background with the XYZ color 84.8351, 93.7670, 67.0536.

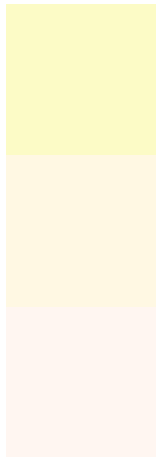


This preview shows how white text looks on a background with the XYZ color 84.8351, 93.7670,

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

84.8351, 93.7670, 67.0536

Protanopia

88.6725, 93.9409, 86.1319

Deuteranopia

90.0730, 93.5224, 96.5234



Tritanopia

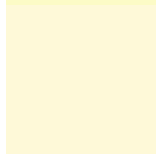
91.5755, 93.5956, 107.8470

Trichromacy



Original Color

84.8351, 93.7670, 67.0536



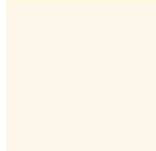
Protanomaly

87.1434, 93.7801, 78.4742



Deuteranomaly

88.0311, 93.6419, 84.6691



Tritanomaly

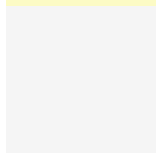
88.6201, 93.3447, 91.1885

Monochromacy



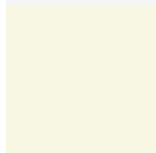
Original Color

84.8351, 93.7670, 67.0536



Achromatopsia

86.7900, 91.3099, 99.4364



Achromatomaly

85.9758, 92.0794, 86.6405

CSS Examples

Text

The CSS property to change the color of the text to XYZ 84.8351, 93.7670, 67.0536 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(252, 251, 198)` looks like.

```
.text, #text, p{  
    color:rgb(252, 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(252, 251, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 251, 198) }
```

Border

The CSS property to change the border of an element to XYZ 84.8351, 93.7670, 67.0536 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(252, 251, 198) }
```


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

```
.border{ border-color:rgb(252, 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(252, 251, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(252, 251, 198); -webkit-box-shadow:4px 4px 4px 4px rgb(252, 251, 198); box-shadow:4px 4px 4px 4px rgb(252, 251, 198) }
```

Background

The CSS property to change the background color of an element to XYZ 84.8351, 93.7670, 67.0536 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 251, 198) }
```

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

```
.background{ background-color: rgb(252,  
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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