

Converting Colors

XYZ(83.4280, 94.5394, 84.3761)

Have a look what the booklet for
XYZ(83.4280, 94.5394, 84.3761)
contains.

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Color

**XYZ(83.4755, 94.5640,
84.3741)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | EBFFE0 |
| RGB | 235, 255, 224 |
| RGB Percent | 92%, 100%, 88% |
| CMY | 0.0784, 0.0000, 0.1216 |
| CMYK | 0.08, 0.00, 0.12, 0.00 |
| HSL | 99°, 100%, 94% |
| HSV | 99°, 12%, 100% |
| XYZ | 83.4755, 94.5640, 84.3741 |
| YIQ | 245.4860, -1.9690, -13.8810 |

Conversions

Conversions Part 2

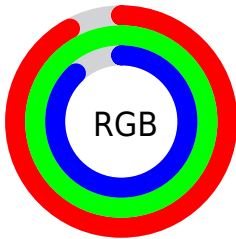
| Format | Color |
|-------------------------------------|--------------------------------|
| R_{YB} | 224, 255, 244 |
| Decimal | 15466464 |
| CIE _{Lab} | 97.86, -11.95, 12.61 |
| CIE _{LCh} | 98, 17.367, 133.458 |
| Yxy | 94.5640, 0.3181, 0.3604 |
| Android (android.graphics.Color) | 4293656544 (0xFFEBFFE0) |
| YUV | 245.4860, -10.5926, -9.1962 |
| Hunter-Lab | 97.2440, -16.9504, 16.6277 |

Details

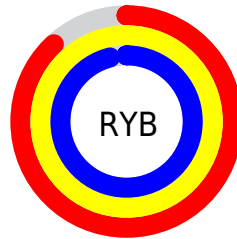
The XYZ color **83.4755, 94.5640, 84.3741** is a light color, and the websafe version is hex **FFFCC**. A complement of this color would be **82.0147, 79.7656, 105.6814**, and the grayscale version is **87.2657, 91.8103, 99.9815**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **45.9459, 52.8364, 45.3130** is the 20% darker color. If you saturate the color by 10%, you get **75.0892, 90.6107, 67.2622**, and if you desaturate by 10%, it is **92.8843, 98.9844, 104.2440**.

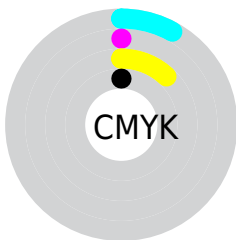
Distribution



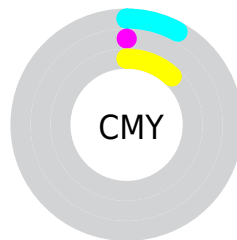
- Red (92%)
- Green (100%)
- Blue (88%)



- Red (88%)
- Yellow (100%)
- Blue (96%)



- Cyan (8%)
- Magenta (0%)
- Yellow (12%)
- Black (0%)



- Cyan (8%)
- Magenta (0%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 83.4755, 94.5640, 84.3741 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 83.4755, 94.5640, 84.3741 by changing the saturation by 10% instead.

83.4755, 94.5640,
84.3741

83.4755, 94.5640,
84.3741

495.1299,
542.7682, 529.6452

62.9007, 71.7721,
62.7772

137.1663,
153.6621, 141.3648

46.0193, 52.9726,
45.2211

171.0131,
190.7372, 177.5956

32.4657, 37.7809,
31.2874

210.0145,
233.3421, 219.5414

21.8747, 25.8127,
20.5575

254.5360,
281.8612, 267.6208

13.8810, 16.6835,
12.6129

304.9430,
336.6790, 322.2524

8.1191, 10.0091,
7.0349

361.6007,

4.2237, 5.4050,

398.1799, 383.8546

3.4052

424.8745,
466.7481, 452.8460

■ 1.8294, 2.4868,
1.3051

■ 0.5353, 0.8700,
0.0659

■ 83.4755, 94.5640,
84.3741

■ 83.4755, 94.5640,
84.3741

■ 75.0892, 90.6107,
67.2622

■ 92.8843, 98.9844,
104.2440

■ 67.6867, 87.1074,
52.7822

95.0500, 100.0000,
108.9000

■ 61.2298, 84.0372,
40.8044

■ 55.6770, 81.3818,
31.1868

■ 50.9829, 79.1211,
23.7727

■ 47.0981, 77.2336,
18.3868

■ 43.9669, 75.6950,
14.8269

■ 41.5244, 74.4771,
12.8489

■ 40.0236, 73.7180,
12.1195

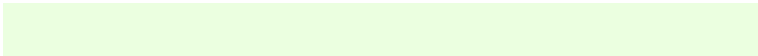
Harmonies

Analogous

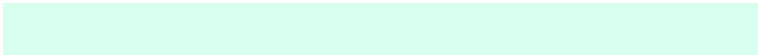
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



87.6778, 94.5640, 78.6080



83.4755, 94.5640, 84.3741



81.0399, 94.5640, 95.3777

Triad

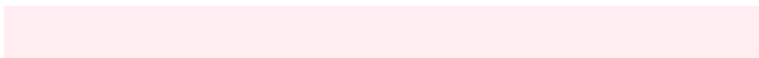
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



83.4755, 94.5640, 84.3741



87.1907, 94.5640, 131.4452



99.4833, 94.5640, 96.7342

Complementary

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



83.4755, 94.5640, 84.3741



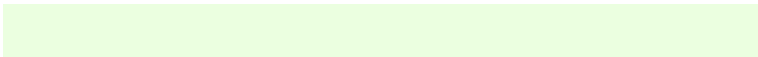
82.0147, 79.7656, 105.6814

Split Complementary

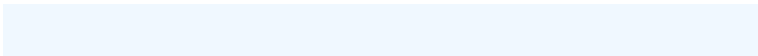
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



99.3411, 94.5640, 110.9425



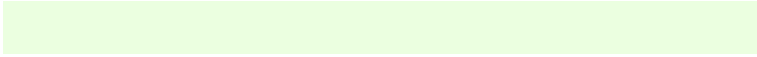
83.4755, 94.5640, 84.3741



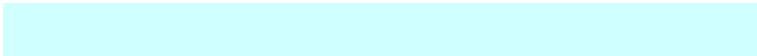
92.1193, 94.5640, 131.8937

Square

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



83.4755, 94.5640, 84.3741



83.1303, 94.5640, 122.9276



96.6045, 94.5640, 124.1019



96.9861, 94.5640, 85.2882

Rectangle

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



83.4755, 94.5640, 84.3741



80.6881, 94.5640, 104.6212



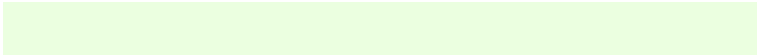
96.6045, 94.5640, 124.1019



99.7453, 94.5640, 101.3247

Sweetspot

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



83.4762, 94.5643, 84.3755



91.0712, 98.1336, 100.3679



86.9355, 91.1233, 83.5290



19.3368, 20.9313, 21.1504



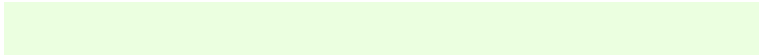
0.0000, 0.0000, 0.0000



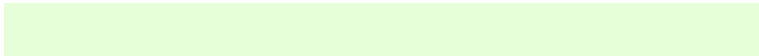
20.3446, 21.4041, 23.3091

Same Dimension

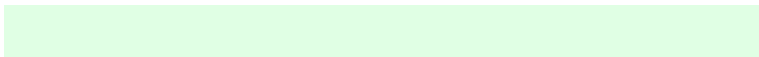
The Same Dimension uses a secret algorithm to generate beautiful new colors.



83.4762, 94.5643, 84.3755



80.9886, 93.3932, 79.2334



80.5235, 92.9766, 87.1994



18.3797, 20.4816, 19.1290



21.0597, 38.5947, 6.3396



2.1641, 3.8164, 0.6226

Inverse Universe

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



82.0147, 79.7656, 105.6814



79.2202, 75.4930, 105.0040



85.2878, 81.5290, 102.3984



18.1306, 17.9591, 22.7608



17.6554, 8.0122, 50.0505



1.8379, 0.8414, 4.8788

Previews

White Background



This preview shows how the XYZ color 83.4755, 94.5640, 84.3741 looks on a white background.

Color Contrast Check

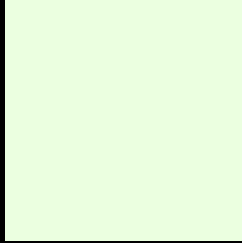
Large Text (above 18pt) WCAG AA × Fail

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 83.4755, 94.5640, 84.3741 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

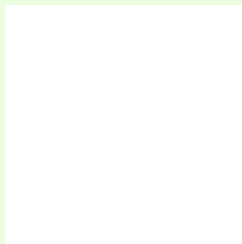
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 83.4755, 94.5640, 84.3741

Background



This preview shows how black text looks on a background with the XYZ color 83.4755, 94.5640, 84.3741.



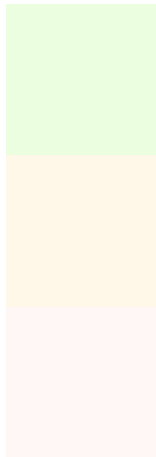
This preview shows how white text looks on a background with the XYZ color 83.4755, 94.5640,

84.3741.

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

83.4755, 94.5640, 84.3741

Protanopia

89.5154, 94.2780, 90.5703

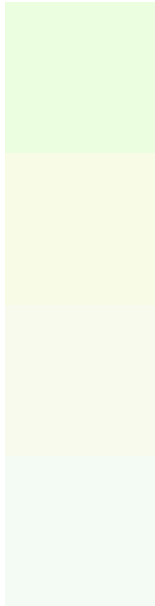
Deuteranopia

90.9822, 94.3741, 99.8069

Tritanopia

90.2835, 94.7455, 108.1370

Trichromacy



Original Color

83.4755, 94.5640, 84.3741

Protanomaly

87.4915, 94.6640, 88.5236

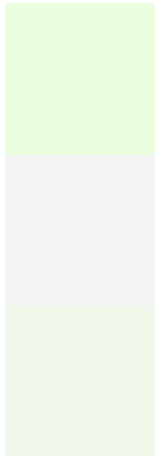
Deuteranomaly

88.1831, 94.4421, 93.7022

Tritanomaly

87.7885, 94.5807, 99.2169

Monochromacy



Original Color

83.4755, 94.5640, 84.3741

Achromatopsia

86.7900, 91.3099, 99.4364

Achromatomaly

85.4374, 92.5666, 93.4849

CSS Examples

Text

The CSS property to change the color of the text to XYZ 83.4755, 94.5640, 84.3741 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(235, 255, 224)` looks like.

```
.text, #text, p{  
    color:rgb(235, 255, 224)  
}
```

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(235, 255, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 255, 224) }
```

Border

The CSS property to change the border of an element to XYZ 83.4755, 94.5640, 84.3741 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(235, 255, 224) }
```


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

```
.border{ border-color:rgb(235, 255, 224) }
```

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

Here you see how a box with a 4 pixel rgb(235, 255, 224) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 255, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 255, 224);  
box-shadow:4px 4px 4px 4px rgb(235, 255,  
224) }
```

Background

The CSS property to change the background color of an element to XYZ 83.4755, 94.5640, 84.3741 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 255, 224) }
```

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

```
.background{ background-color: rgb(235,  
255, 224) }
```

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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