

Converting Colors

XYZ(84.9034, 95.3041, 84.2627)

Have a look what the booklet for
XYZ(84.9034, 95.3041, 84.2627)
contains.

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Color

**XYZ(84.8111, 95.2525,
84.4366)**

Conversions

Conversions Part 1

Format	Color
Hex	EFFFE0
RGB	239, 255, 224
RGB Percent	94%, 100%, 88%
CMY	0.0627, 0.0000, 0.1216
CMYK	0.06, 0.00, 0.12, 0.00
HSL	91°, 100%, 94%
HSV	91°, 12%, 100%
XYZ	84.8111, 95.2525, 84.4366
YIQ	246.6820, 0.4150, -13.0330

Conversions

Conversions Part 2

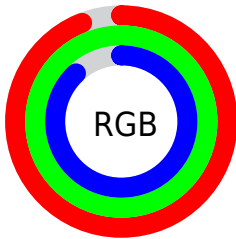
Format	Color
RYB	224, 255, 240
Decimal	15728608
CIELab	98.13, -10.59, 13.04
CIElCh	98, 16.798, 129.098
Yxy	95.2525, 0.3206, 0.3601
Android (android.graphics.Color)	4293918688 (0xFFEFFFEE0)
YUV	246.6820, -11.1822, -6.7371
Hunter-Lab	97.5974, -15.6808, 17.0233

Details

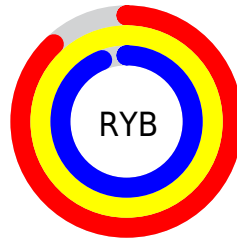
The XYZ color **84.8111, 95.2525, 84.4366** is a light color, and the websafe version is hex **FFFCC**. A complement of this color would be **80.6417, 79.0578, 105.6172**, and the grayscale version is **88.2369, 92.8321, 101.0941**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **46.8840, 53.3200, 45.3569** is the 20% darker color. If you saturate the color by 10%, you get **77.3249, 91.7633, 67.3668**, and if you desaturate by 10%, it is **93.1410, 99.1167, 104.2560**.

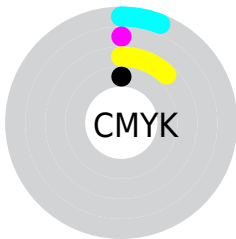
Distribution



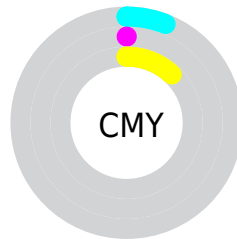
- Red (94%)
- Green (100%)
- Blue (88%)



- Red (88%)
- Yellow (100%)
- Blue (94%)



- Cyan (6%)
- Magenta (0%)
- Yellow (12%)
- Black (0%)



- Cyan (6%)
- Magenta (0%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 84.8111, 95.2525, 84.4366 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 84.8111, 95.2525, 84.4366 by changing the saturation by 10% instead.

84.8111, 95.2525,
84.4366

84.8111, 95.2525,
84.4366

499.4959,
544.9730, 529.8578

64.0073, 72.3452,
62.8285

139.0246,
154.6134, 141.4529

46.9183, 53.4407,
45.2624

173.1650,
191.8357, 177.6982

33.1787, 38.1547,
31.3197

212.4817,
234.5985, 219.6596

22.4233, 26.1028,
20.5819

257.3399,
283.2861, 267.7558

14.2866, 16.9005,
12.6305

308.1051,
338.2830, 322.4051

8.4033, 10.1636,
7.0469

365.1426,

4.4080, 5.5076,

399.9735, 384.0262

3.4125

428.8177,
468.7421, 453.0376

■ 1.9355, 2.5480,
1.3089

■ 0.5973, 0.9006,
0.0691

■ 84.8111, 95.2525,
84.4366

■ 84.8111, 95.2525,
84.4366

■ 77.3249, 91.7633,
67.3668

■ 93.1410, 99.1167,
104.2560

■ 70.6504, 88.6353,
52.9209

95.0500, 100.0000,
108.9000

■ 64.7567, 85.8554,
40.9695

■ 59.6093, 83.4090,
31.3708

■ 55.1712, 81.2803,
23.9687

■ 51.4013, 79.4520,
18.5882

■ 48.2531, 77.9046,
15.0275

■ 45.6718, 76.6151,
13.0430

■ 43.9839, 75.7596,
12.3049

Harmonies

Analogous

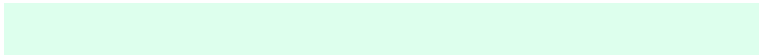
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



89.0762, 95.2525, 79.6363



84.8111, 95.2525, 84.4366



82.1444, 95.2525, 94.5234

Triad

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



84.8111, 95.2525, 84.4366



87.2660, 95.2525, 130.5572



100.0042, 95.2525, 99.5707

Complementary

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



84.8111, 95.2525, 84.4366



80.6417, 79.0578, 105.6172

Split Complementary

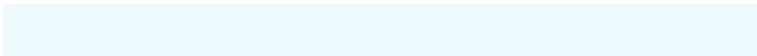
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



99.4776, 95.2525, 113.4814



84.8111, 95.2525, 84.4366



92.0089, 95.2525, 132.2124

Square

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



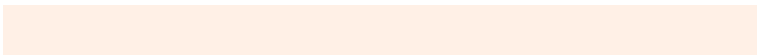
84.8111, 95.2525, 84.4366



83.5264, 95.2525, 121.3816



96.5101, 95.2525, 125.7221



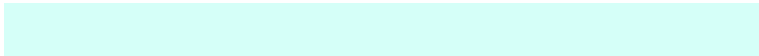
97.9244, 95.2525, 87.8494

Rectangle

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



84.8111, 95.2525, 84.4366



81.5748, 95.2525, 103.2960



96.5101, 95.2525, 125.7221



100.1277, 95.2525, 104.1327

Sweetspot

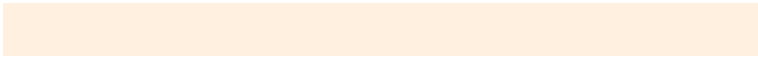
The Sweet Spot groups the original color and five complimentary colors.



84.8118, 95.2528, 84.4380



91.5405, 98.3755, 100.3899



85.7082, 88.6687, 83.1199



19.4555, 20.9925, 21.1559



0.0000, 0.0000, 0.0000



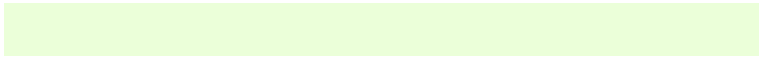
20.3446, 21.4041, 23.3091

Same Dimension

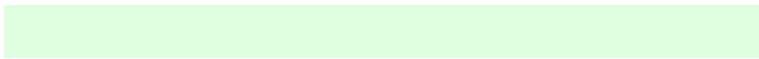
The Same Dimension uses a secret algorithm to generate beautiful new colors.



84.8118, 95.2528, 84.4380



82.5981, 94.2229, 79.3087



79.9559, 92.7495, 84.2108



18.6081, 20.5994, 19.1397



23.1532, 39.6740, 6.4375



2.3798, 3.9276, 0.6327

Inverse Universe

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



80.6417, 79.0578, 105.6172



77.5541, 74.6341, 104.9260



85.9462, 81.7924, 105.8654



17.8973, 17.8388, 22.7499



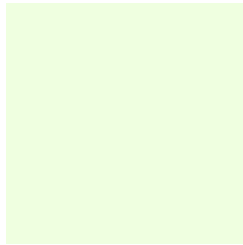
14.5454, 6.4089, 49.9050



1.5424, 0.6891, 4.8650

Previews

White Background



This preview shows how the XYZ color 84.8111, 95.2525, 84.4366 looks on a white background.

Color Contrast Check

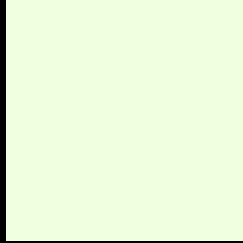
Large Text (above 18pt) WCAG AA × Fail

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 84.8111, 95.2525, 84.4366 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

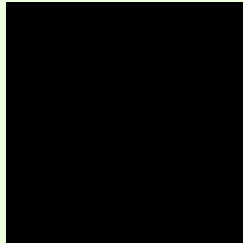
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

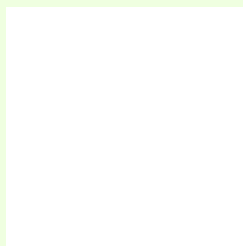
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 84.8111, 95.2525, 84.4366

Background



This preview shows how black text looks on a background with the XYZ color 84.8111, 95.2525, 84.4366.



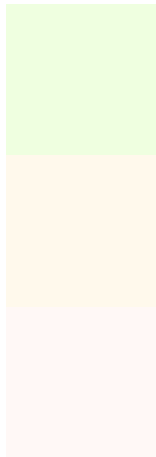
This preview shows how white text looks on a background with the XYZ color 84.8111, 95.2525,

84.4366.

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

84.8111, 95.2525, 84.4366

Protanopia

90.2560, 95.0675, 92.9497

Deuteranopia

91.4420, 95.0486, 100.7155

Tritanopia

90.6371, 94.9278, 108.1536

Trichromacy



Original Color

84.8111, 95.2525, 84.4366

Protanomaly

88.1296, 94.9603, 90.0282

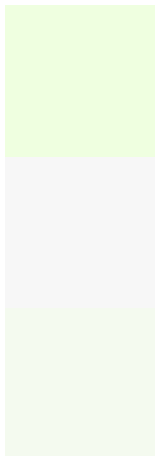
Deuteranomaly

88.9967, 95.3071, 94.5944

Tritanomaly

88.4825, 94.9385, 99.2494

Monochromacy



Original Color

84.8111, 95.2525, 84.4366

Achromatopsia

88.4070, 93.0111, 101.2891

Achromatomaly

87.0738, 93.8363, 95.1843

CSS Examples

Text

The CSS property to change the color of the text to XYZ 84.8111, 95.2525, 84.4366 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(239, 255, 224)` looks like.

```
.text, #text, p{  
    color:rgb(239, 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(239, 255, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 255, 224) }
```

Border

The CSS property to change the border of an element to XYZ 84.8111, 95.2525, 84.4366 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(239, 255, 224) }
```


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

```
.border{ border-color:rgb(239, 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(239, 255, 224) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 255, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 255, 224);  
box-shadow:4px 4px 4px 4px rgb(239, 255,  
224) }
```

Background

The CSS property to change the background color of an element to XYZ 84.8111, 95.2525, 84.4366 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 255, 224) }
```

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

```
.background{ background-color: rgb(239,  
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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