

Converting Colors

XYZ(83.0030, 92.6859, 81.0811)

Have a look what the booklet for
XYZ(83.0030, 92.6859, 81.0811)
contains.

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Color

**XYZ(83.0121, 92.5124,
81.1916)**

Conversions

Conversions Part 1

Format	Color
Hex	EFFBDC
RGB	239, 251, 220
RGB Percent	94%, 98%, 86%
CMY	0.0627, 0.0157, 0.1372
CMYK	0.05, 0.00, 0.12, 0.02
HSL	83°, 80%, 92%
HSV	83°, 12%, 98%
XYZ	83.0121, 92.5124, 81.1916
YIQ	243.8780, 2.7990, -12.1850

Conversions

Conversions Part 2

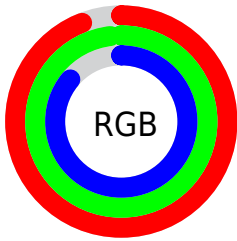
Format	Color
R_{YB}	220, 251, 232
Decimal	15727580
CIE Lab	97.03, -9.26, 13.52
CIE LCh	97, 16.383, 124.410
Yxy	92.5124, 0.3234, 0.3604
Android (android.graphics.Color)	4293917660 (0xFFE ^{FF} BDC)
YUV	243.8780, -11.7719, -4.2780
Hunter-Lab	96.1834, -14.2645, 17.2797

Details

The XYZ color **83.0121, 92.5124, 81.1916** is a light color, and the websafe version is hex **FFFCC**. A complement of this color would be **76.2880, 75.3097, 101.7871**, and the grayscale version is **85.9833, 90.4612, 98.5122**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **45.6118, 51.3675, 43.1082** is the 20% darker color. If you saturate the color by 10%, you get **76.7415, 89.6383, 64.8285**, and if you desaturate by 10%, it is **89.9634, 95.6852, 100.1958**.

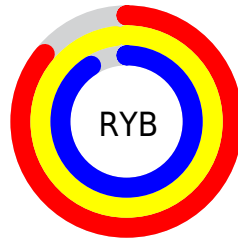
Distribution



Red (94%)

Green (98%)

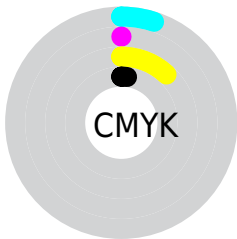
Blue (86%)



Red (86%)

Yellow (98%)

Blue (91%)

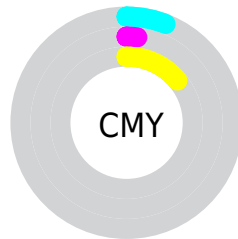


Cyan (5%)

Magenta (0%)

Yellow (12%)

Black (2%)



Cyan (6%)


Magenta (2%)


Yellow (14%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 83.0121, 92.5124, 81.1916 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 83.0121, 92.5124, 81.1916 by changing the saturation by 10% instead.

 83.0121, 92.5124,
81.1916

 83.0121, 92.5124,
81.1916


493.6102,
536.1701, 518.7519

 62.5171, 70.0663,
60.1675


136.5208,
150.8234, 136.8663

 45.7078, 51.5806,
43.1275


170.2653,
187.4570, 172.3539

 32.2190, 36.6709,
29.6530


209.1569,
229.5886, 213.4998

 21.6852, 24.9528,
19.3255

253.5611,
277.6026, 260.7224

 13.7410, 16.0419,
11.7266

303.8431,
331.8834, 314.4404

 8.0213, 9.5538,
6.4375

360.3684,

 4.1605, 5.1041,

392.8153, 375.0723

3.0398

423.5023,
460.7827, 443.0366

■ 1.7933, 2.3085,
1.1150

■ 0.5136, 0.7782,
0.0000

■ 83.0121, 92.5124,
81.1916

■ 83.0121, 92.5124,
81.1916

■ 76.7415, 89.6383,
64.8285

■ 89.9634, 95.6852,
100.1958

■ 71.1192, 87.0405,
50.9836

■ 93.7890, 97.4781,
108.4797

■ 66.1210, 84.7120,
39.5331

■ 61.7180, 82.6411,
30.3406

■ 57.8790, 80.8149,
23.2557

■ 54.5687, 79.2188,
18.1100

■ 51.7472, 77.8367,
14.7089

■ 49.3668, 76.6489,
12.8178

■ 47.7908, 75.8502,
12.1217

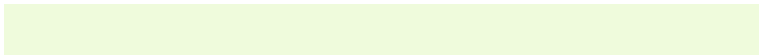
Harmonies

Analogous

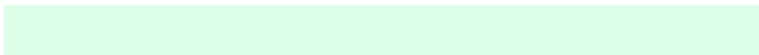
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



87.2499, 92.5124, 77.4651



83.0121, 92.5124, 81.1916



80.1701, 92.5124, 90.1513

Triad

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



83.0121, 92.5124, 81.1916



84.1543, 92.5124, 125.4237



97.0742, 92.5124, 98.7893

Complementary

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



83.0121, 92.5124, 81.1916



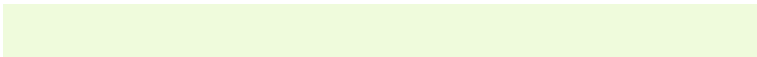
76.2880, 75.3097, 101.7871

Split Complementary

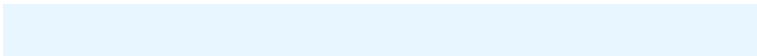
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



96.1757, 92.5124, 112.1061



83.0121, 92.5124, 81.1916



88.6142, 92.5124, 128.2415

Square

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



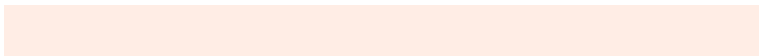
83.0121, 92.5124, 81.1916



80.8132, 92.5124, 115.7794



93.0389, 92.5124, 123.1762



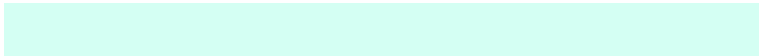
95.4533, 92.5124, 87.0452

Rectangle

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



83.0121, 92.5124, 81.1916



79.3942, 92.5124, 98.2761



93.0389, 92.5124, 123.1762



97.0572, 92.5124, 103.2250

Sweetspot

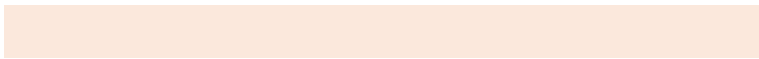
The Sweet Spot groups the original color and five complimentary colors.



83.0146, 92.5164, 81.1936



92.0128, 98.6190, 100.4120



81.5291, 83.3272, 79.4982



19.5750, 21.0541, 21.1615



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

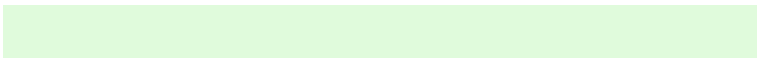
The Same Dimension uses a secret algorithm to generate beautiful new colors.



83.0146, 92.5164, 81.1936



84.2515, 95.0753, 79.3861



78.0401, 89.9520, 80.9608



18.0386, 19.8357, 18.3403



25.2873, 39.9544, 6.3792



2.4606, 3.7616, 0.5964

Inverse Universe

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



76.2880, 75.3097, 101.7871



75.9346, 73.7992, 104.8502



81.5023, 77.9977, 102.0311



16.9185, 16.9706, 21.7693



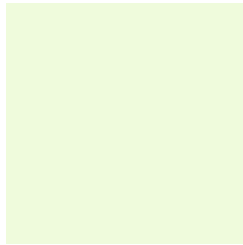
11.9052, 5.0801, 48.3266



1.2172, 0.5296, 4.4812

Previews

White Background



This preview shows how the XYZ color 83.0121, 92.5124, 81.1916 looks on a white background.

Color Contrast Check

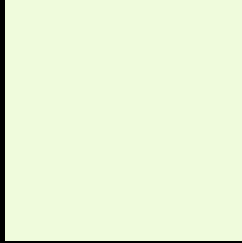
Large Text (above 18pt) WCAG AA × Fail

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 83.0121, 92.5124, 81.1916 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

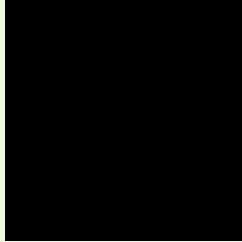
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

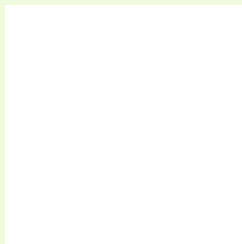
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 83.0121, 92.5124, 81.1916

Background



This preview shows how black text looks on a background with the XYZ color 83.0121, 92.5124, 81.1916.



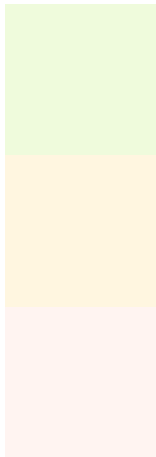
This preview shows how white text looks on a background with the XYZ color 83.0121, 92.5124,

81.1916.

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

83.0121, 92.5124, 81.1916

Protanopia

87.6503, 92.5534, 83.7659

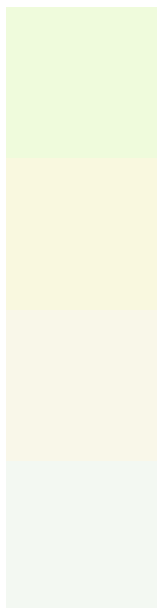
Deuteranopia

89.4679, 92.3122, 96.3217

Tritanopia

89.0118, 92.7244, 107.8139

Trichromacy



Original Color

83.0121, 92.5124, 81.1916

Protanomaly

85.9536, 92.6023, 83.1558

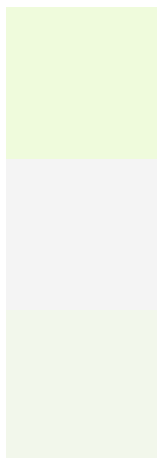
Deuteranomaly

87.0357, 92.5445, 90.3664

Tritanomaly

86.5566, 92.6003, 97.3160

Monochromacy



Original Color

83.0121, 92.5124, 81.1916

Achromatopsia

85.9880, 90.4661, 98.5176

Achromatomaly

84.8741, 91.3969, 91.7653

CSS Examples

Text

The CSS property to change the color of the text to XYZ 83.0121, 92.5124, 81.1916 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, 251, 220)` looks like.

```
.text, #text, p{  
    color:rgb(239, 251, 220)  
}
```

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, 251, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 251, 220) }
```

Border

The CSS property to change the border of an element to XYZ 83.0121, 92.5124, 81.1916 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, 251, 220) }
```


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

```
.border{ border-color:rgb(239, 251, 220) }
```

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

Here you see how a box with a 4 pixel `rgb(239, 251, 220)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 251, 220); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 251, 220);  
box-shadow:4px 4px 4px 4px rgb(239, 251,  
220) }
```

Background

The CSS property to change the background color of an element to XYZ 83.0121, 92.5124, 81.1916 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 251, 220) }
```

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

```
.background{ background-color: rgb(239,  
251, 220) }
```

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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