

Converting Colors

XYZ(81.4414, 93.5118, 84.4418)

Have a look what the booklet for
XYZ(81.4414, 93.5118, 84.4418)
contains.

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Color

**XYZ(81.5276, 93.5598,
84.2829)**

Conversions

Conversions Part 1

Format	Color
Hex	E5FFE0
RGB	229, 255, 224
RGB Percent	90%, 100%, 88%
CMY	0.1020, 0.0000, 0.1216
CMYK	0.10, 0.00, 0.12, 0.00
HSL	110°, 100%, 94%
HSV	110°, 12%, 100%
XYZ	81.5276, 93.5598, 84.2829
YIQ	243.6920, -5.5450, -15.1530

Conversions

Conversions Part 2

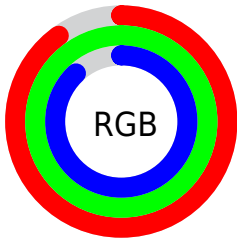
Format	Color
RYB	224, 255, 250
Decimal	15073248
CIELab	97.45, -13.96, 11.98
CIELCh	97, 18.390, 139.368
Yxy	93.5598, 0.3143, 0.3607
Android (android.graphics.Color)	4293263328 (0xFFE5FFE0)
YUV	243.6920, -9.7082, -12.8849
Hunter-Lab	96.7263, -18.8190, 16.0458

Details

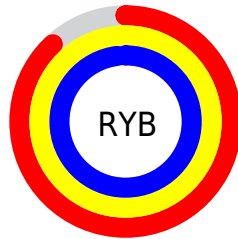
The XYZ color **81.5276, 93.5598, 84.2829** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **84.1308, 80.8565, 105.7804**, and the grayscale version is **85.8207, 90.2900, 98.3258**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **44.5891, 52.1370, 45.2495** is the 20% darker color. If you saturate the color by 10%, you get **71.9150, 88.9744, 67.1136**, and if you desaturate by 10%, it is **92.5011, 98.7868, 104.2260**.

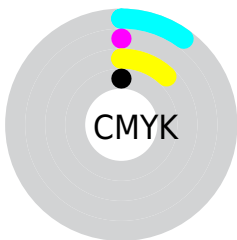
Distribution



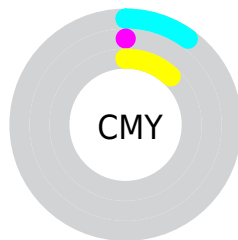
- Red (90%)
- Green (100%)
- Blue (88%)



- Red (88%)
- Yellow (100%)
- Blue (98%)



- Cyan (10%)
- Magenta (0%)
- Yellow (12%)
- Black (0%)





- Cyan (10%)
- Magenta (0%)
- Yellow (12%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 81.5276, 93.5598, 84.2829 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 81.5276, 93.5598, 84.2829 by changing the saturation by 10% instead.


 81.5276, 93.5598,
84.2829

 81.5276, 93.5598,
84.2829


488.7246,
539.5440, 529.3348

 61.2890, 70.9369,
62.7023


134.4506,
152.2734, 141.2361

 44.7119, 52.2907,
45.1610


167.8658,
189.1329, 177.4458

 31.4308, 37.2368,
31.2404


206.4038,
231.5067, 219.3689

 21.0806, 25.3909,
20.5219

250.4300,
279.7791, 267.4239

 13.2957, 16.3685,
12.5872

300.3099,
334.3347, 322.0295

 7.7109, 9.7853,
7.0175

356.4087,

 3.9608, 5.2568,

395.5578, 383.6042

3.3945

419.0919,
463.8328, 452.5664

■ 1.6800, 2.3987,
1.2994

■ 0.4437, 0.8252,
0.0613

■ 81.5276, 93.5598,
84.2829

■ 81.5276, 93.5598,
84.2829

■ 71.9150, 88.9744,
67.1136

■ 92.5011, 98.7868,
104.2260

■ 63.6078, 85.0047,
52.5912

95.0500, 100.0000,
108.9000

■ 56.5495, 81.6245,
40.5854

■ 50.6790, 78.8052,
30.9529

■ 45.9296, 76.5161,
23.5362

■ 42.2281, 74.7230,
18.1589

■ 39.4919, 73.3881,
14.6175

■ 37.6255, 72.4671,
12.6664

■ 36.6795, 71.9940,
11.9630

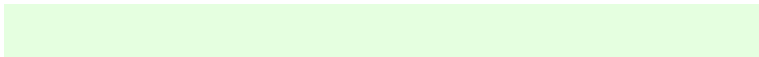
Harmonies

Analogous

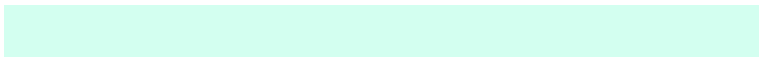
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



85.6402, 93.5598, 77.0983



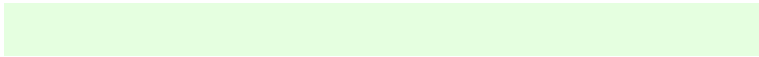
81.5276, 93.5598, 84.2829



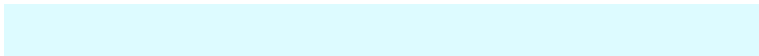
79.4258, 93.5598, 96.6610

Triad

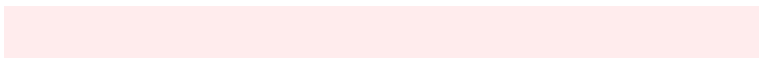
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



81.5276, 93.5598, 84.2829



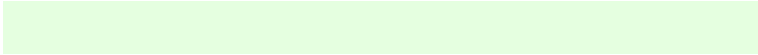
87.0876, 93.5598, 132.7981



98.7299, 93.5598, 92.6367

Complementary

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



81.5276, 93.5598, 84.2829



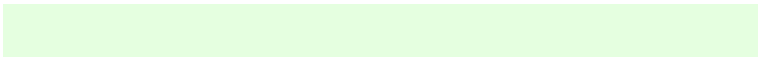
84.1308, 80.8565, 105.7804

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.



99.1545, 93.5598, 107.2643



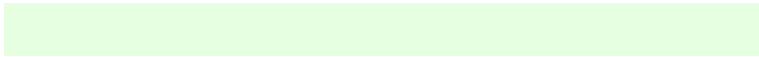
81.5276, 93.5598, 84.2829



92.2944, 93.5598, 131.4511

Square

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



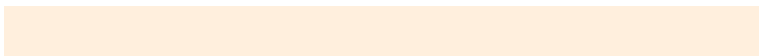
81.5276, 93.5598, 84.2829



82.5515, 93.5598, 125.2675



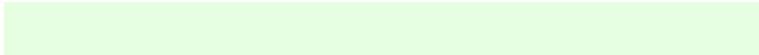
96.7585, 93.5598, 121.7494



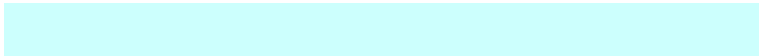
95.6200, 93.5598, 81.5852

Rectangle

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



81.5276, 93.5598, 84.2829



79.3902, 93.5598, 106.6191



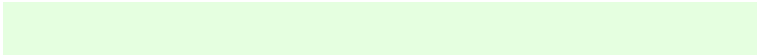
96.7585, 93.5598, 121.7494



99.1959, 93.5598, 97.2654

Sweetspot

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



81.5283, 93.5601, 84.2843



90.3732, 97.7738, 100.3353



88.8288, 94.9098, 84.1601



19.1607, 20.8405, 21.1421



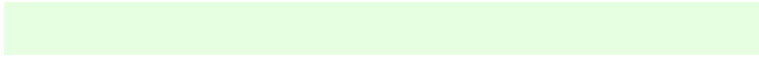
0.0000, 0.0000, 0.0000



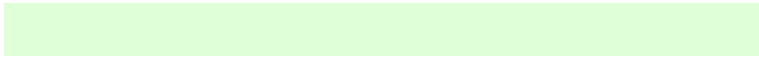
20.3446, 21.4041, 23.3091

Same Dimension

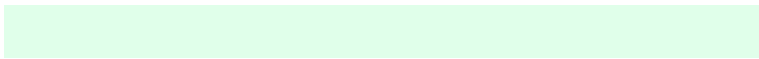
The Same Dimension uses a secret algorithm to generate beautiful new colors.



81.5283, 93.5601, 84.2843



78.6583, 92.1918, 79.1244



81.4005, 93.3274, 91.8179



18.0444, 20.3088, 19.1133



19.2458, 37.6596, 6.2547



1.9480, 3.7050, 0.6125

Inverse Universe

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



84.1308, 80.8565, 105.7804



81.8052, 76.8256, 105.1250



84.3269, 81.1446, 97.3381



18.4881, 18.1433, 22.7775



24.0100, 11.2881, 50.3479



2.4113, 1.1370, 4.9056

Previews

White Background



This preview shows how the XYZ color 81.5276, 93.5598, 84.2829 looks on a white background.

Color Contrast Check

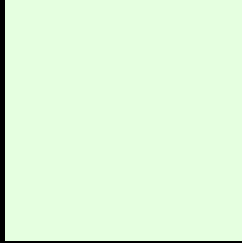
Large Text (above 18pt) WCAG AA × Fail

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 81.5276, 93.5598, 84.2829 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

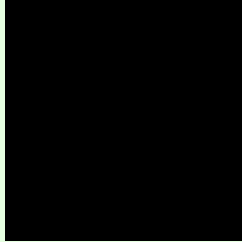
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

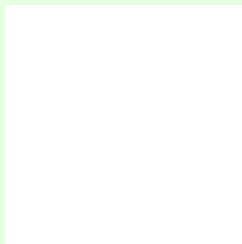
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 81.5276, 93.5598, 84.2829

Background



This preview shows how black text looks on a background with the XYZ color 81.5276, 93.5598, 84.2829.



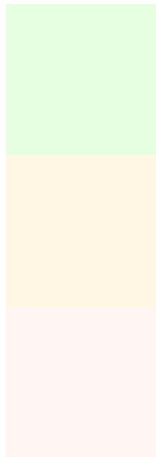
This preview shows how white text looks on a background with the XYZ color 81.5276, 93.5598,

84.2829.

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

81.5276, 93.5598, 84.2829

Protanopia

88.5044, 93.3830, 86.7588

Deuteranopia

90.0701, 93.0359, 98.0045

Tritanopia

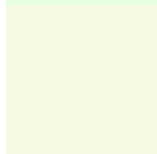
88.5795, 93.4095, 107.9689

Trichromacy



Original Color

81.5276, 93.5598, 84.2829



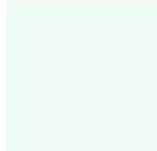
Protanomaly

86.0568, 93.5101, 86.1866



Deuteranomaly

87.0220, 93.4003, 92.7984



Tritanomaly

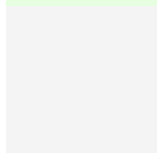
86.0862, 93.7032, 99.1372

Monochromacy



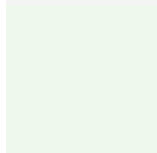
Original Color

81.5276, 93.5598, 84.2829



Achromatopsia

85.9880, 90.4661, 98.5176



Achromatomaly

84.4501, 91.6000, 93.3503

CSS Examples

Text

The CSS property to change the color of the text to XYZ 81.5276, 93.5598, 84.2829 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(229, 255, 224)` looks like.

```
.text, #text, p{  
    color:rgb(229, 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(229, 255, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 255, 224) }
```

Border

The CSS property to change the border of an element to XYZ 81.5276, 93.5598, 84.2829 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(229, 255, 224) }
```


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

```
.border{ border-color:rgb(229, 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(229, 255, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 255, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 255, 224);  
box-shadow:4px 4px 4px 4px rgb(229, 255,  
224) }
```

Background

The CSS property to change the background color of an element to XYZ 81.5276, 93.5598, 84.2829 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 255, 224) }
```

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

```
.background{ background-color: rgb(229,  
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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