

Converting Colors

XYZ(92.3337, 113.6568,
88.9836)

Have a look what the booklet for
XYZ(92.3337, 113.6568, 88.9836)
contains.

XYZ(82.4425, 93.9999, 85.7501)	3
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Color

**XYZ(82.4425, 93.9999,
85.7501)**

Conversions

Conversions Part 1

Format	Color
Hex	E7FFE2
RGB	231, 255, 226
RGB Percent	91%, 100%, 89%
CMY	0.0941, 0.0000, 0.1137
CMYK	0.09, 0.00, 0.11, 0.00
HSL	110°, 100%, 94%
HSV	110°, 11%, 100%
XYZ	82.4425, 93.9999, 85.7501
YIQ	244.5180, -4.9950, -14.1070

Conversions

Conversions Part 2

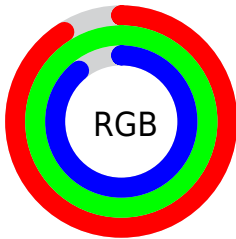
Format	Color
R_{YB}	226, 255, 250
Decimal	15204322
CIE _{Lab}	97.63, -12.95, 11.22
CIE _{LCh}	98, 17.137, 139.091
Yxy	93.9999, 0.3144, 0.3585
Android (android.graphics.Color)	4293394402 (0xFFE7FFE2)
YUV	244.5180, -9.1294, -11.8553
Hunter-Lab	96.9535, -17.8848, 15.4287

Details

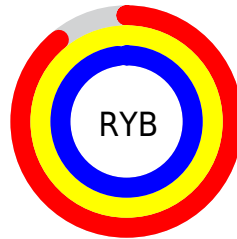
The XYZ color **82.4425, 93.9999, 85.7501** is a light color, and the websafe version is hex **FFFCC**. A complement of this color would be **84.6713, 81.9378, 105.9607**, and the grayscale version is **86.4773, 90.9808, 99.0781**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **45.2240, 52.4424, 46.2669** is the 20% darker color. If you saturate the color by 10%, you get **72.7934, 89.4003, 68.3710**, and if you desaturate by 10%, it is **93.4348, 99.2318, 105.9113**.

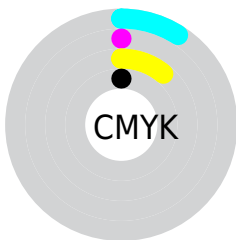
Distribution



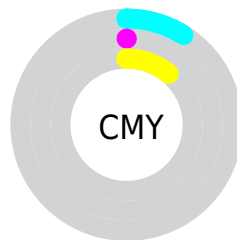
- Red (91%)
- Green (100%)
- Blue (89%)



- Red (89%)
- Yellow (100%)
- Blue (98%)



- Cyan (9%)
- Magenta (0%)
- Yellow (11%)
- Black (0%)





- Cyan (9%)
- Magenta (0%)
- Yellow (11%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 82.4425, 93.9999, 85.7501 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 82.4425, 93.9999, 85.7501 by changing the saturation by 10% instead.


 82.4425, 93.9999,
85.7501

 82.4425, 93.9999,
85.7501


491.7387,
540.9583, 534.3160

 62.0457, 71.3029,
63.9076

135.7270,
152.8822, 143.3042

 45.3254, 52.5894,
46.1302

169.3453,
189.8363, 179.8528

 31.9161, 37.4751,
31.9991


208.1016,
232.3115, 222.1407

 21.4527, 25.5755,
21.0960

252.3611,
280.6922, 270.5862

 13.5697, 16.5064,
13.0023

302.4892,
335.3628, 325.6080

 7.9017, 9.8832,
7.2994

358.8513,

 4.0834, 5.3216,

396.7078, 387.6245

3.5688

421.8127,
465.1115, 457.0543

■ 1.7494, 2.4371,
1.3919

■ 0.4869, 0.8449,
0.1354

■ 82.4425, 93.9999,
85.7501

■ 82.4425, 93.9999,
85.7501

■ 72.7934, 89.4003,
68.3710

■ 93.4348, 99.2318,
105.9113

■ 64.4334, 85.4078,
53.6478

95.0500, 100.0000,
108.9000

■ 57.3078, 81.9970,
41.4509

■ 51.3570, 79.1403,
31.6382

■ 46.5167, 76.8079,
24.0536

■ 42.7159, 74.9670,
18.5224

■ 39.8751, 73.5810,
14.8436

■ 37.9024, 72.6077,
12.7762

■ 36.7972, 72.0547,
11.9685

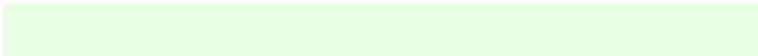
Harmonies

Analogous

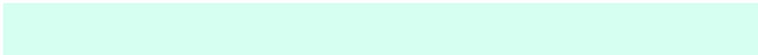
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



86.3119, 93.9999, 79.0096



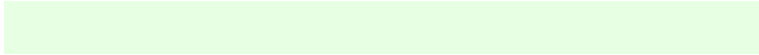
82.4425, 93.9999, 85.7501



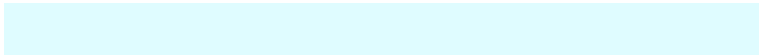
80.4484, 93.9999, 97.3507

Triad

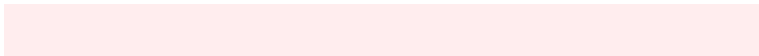
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



82.4425, 93.9999, 85.7501



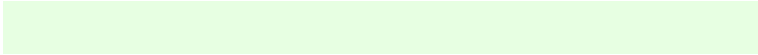
87.5810, 93.9999, 131.0521



98.5025, 93.9999, 93.8146

Complementary

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



82.4425, 93.9999, 85.7501



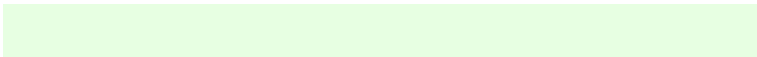
84.6713, 81.9378, 105.9607

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.



98.8725, 93.9999, 107.5174



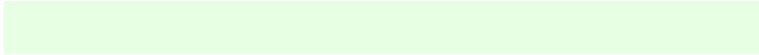
82.4425, 93.9999, 85.7501



92.4465, 93.9999, 129.8861

Square

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



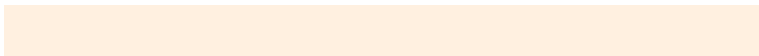
82.4425, 93.9999, 85.7501



83.3425, 93.9999, 124.0189



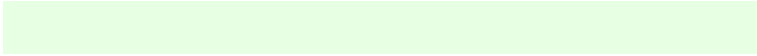
96.6205, 93.9999, 120.9646



95.6271, 93.9999, 83.3645

Rectangle

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



82.4425, 93.9999, 85.7501



80.4002, 93.9999, 106.6523



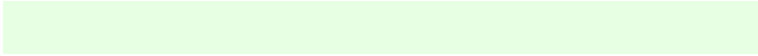
96.6205, 93.9999, 120.9646



98.9278, 93.9999, 98.1648

Sweetspot

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



82.4432, 94.0003, 85.7515



91.5516, 98.3360, 102.4346



89.0551, 94.9259, 85.5817



19.4002, 20.9549, 21.5648



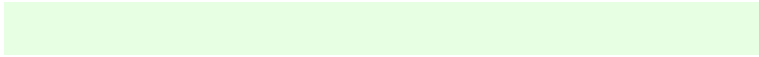
0.0000, 0.0000, 0.0000



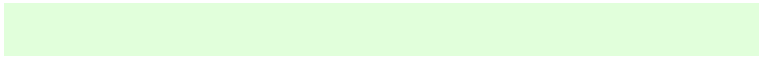
20.3446, 21.4041, 23.3091

Same Dimension

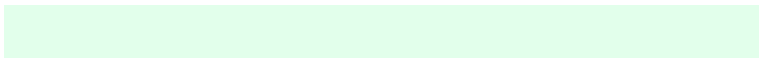
The Same Dimension uses a secret algorithm to generate beautiful new colors.



82.4432, 94.0003, 85.7515



79.7792, 92.7311, 80.9192



82.1467, 93.6979, 92.4931



18.0634, 20.3186, 19.1142



19.3117, 37.6936, 6.2578



1.9572, 3.7097, 0.6129

Inverse Universe

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



84.6713, 81.9378, 105.9607



82.4715, 78.1510, 105.3457



85.0434, 82.2964, 98.4443



18.4673, 18.1326, 22.7766



23.5864, 11.0697, 50.3281



2.3739, 1.1177, 4.9039

Previews

White Background



This preview shows how the XYZ color 82.4425, 93.9999, 85.7501 looks on a white background.

Color Contrast Check

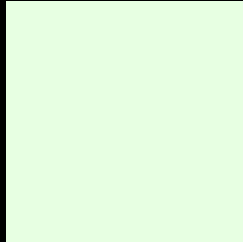
Large Text (above 18pt) WCAG AA × Fail

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 82.4425, 93.9999, 85.7501 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

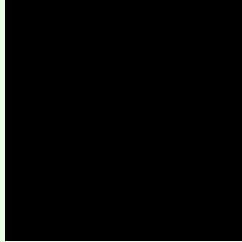
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

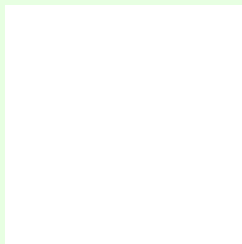
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 82.4425, 93.9999, 85.7501

Background



This preview shows how black text looks on a background with the XYZ color 82.4425, 93.9999, 85.7501.



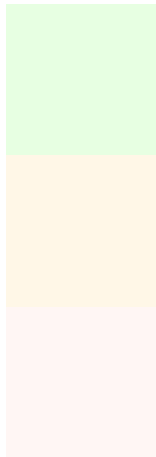
This preview shows how white text looks on a background with the XYZ color 82.4425, 93.9999,

85.7501.

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

82.4425, 93.9999, 85.7501

Protanopia

88.9246, 93.5511, 88.9716

Deuteranopia

90.5249, 93.7032, 98.9033

Tritanopia

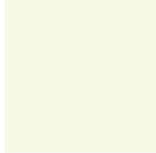
89.2736, 93.7673, 108.0014

Trichromacy



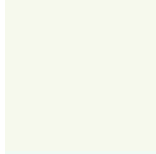
Original Color

82.4425, 93.9999, 85.7501



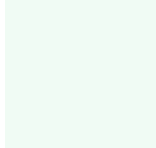
Protanomaly

86.3345, 93.6212, 87.6491



Deuteranomaly

87.1678, 93.4586, 93.5658



Tritanomaly

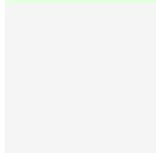
86.7615, 94.0513, 99.1688

Monochromacy



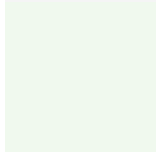
Original Color

82.4425, 93.9999, 85.7501



Achromatopsia

86.7900, 91.3099, 99.4364



Achromatomaly

85.2435, 92.4497, 94.2407

CSS Examples

Text

The CSS property to change the color of the text to XYZ 82.4425, 93.9999, 85.7501 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(231, 255, 226)` looks like.

```
.text, #text, p{  
    color:rgb(231, 255, 226)  
}
```

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(231, 255, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 255, 226) }
```

Border

The CSS property to change the border of an element to XYZ 82.4425, 93.9999, 85.7501 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(231, 255, 226) }
```


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

```
.border{ border-color:rgb(231, 255, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(231, 255, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(231, 255, 226); -webkit-box-shadow:4px 4px 4px 4px rgb(231, 255, 226); box-shadow:4px 4px 4px 4px rgb(231, 255, 226) }
```

Background

The CSS property to change the background color of an element to XYZ 82.4425, 93.9999, 85.7501 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 255, 226) }
```

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

```
.background{ background-color: rgb(231,  
255, 226) }
```

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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