

Converting Colors

XYZ(81.0761, 93.3737, 82.1574)

Have a look what the booklet for
XYZ(81.0761, 93.3737, 82.1574)
contains.

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Color

**XYZ(81.1242, 93.3985,
82.1586)**

Conversions

Conversions Part 1

Format	Color
Hex	E5FFDD
RGB	229, 255, 221
RGB Percent	90%, 100%, 87%
CMY	0.1020, 0.0000, 0.1333
CMYK	0.10, 0.00, 0.13, 0.00
HSL	106°, 100%, 93%
HSV	106°, 13%, 100%
XYZ	81.1242, 93.3985, 82.1586
YIQ	243.3500, -4.5820, -16.0860

Conversions

Conversions Part 2

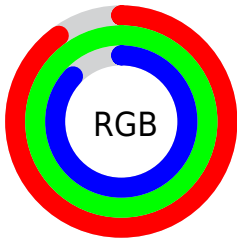
Format	Color
RYB	221, 255, 247
Decimal	15073245
CIELab	97.39, -14.46, 13.42
CIELCh	97, 19.727, 137.138
Yxy	93.3985, 0.3161, 0.3639
Android (android.graphics.Color)	4293263325 (0xFFE5FFDD)
YUV	243.3500, -11.0186, -12.5850
Hunter-Lab	96.6429, -19.2882, 17.2461

Details

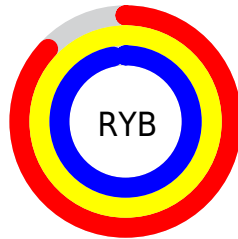
The XYZ color **81.1242, 93.3985, 82.1586** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **82.2650, 78.7083, 105.4641**, and the grayscale version is **85.5572, 90.0129, 98.0240**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **44.3106, 52.0256, 43.7829** is the 20% darker color. If you saturate the color by 10%, you get **72.1036, 89.1114, 65.3278**, and if you desaturate by 10%, it is **91.3611, 98.2529, 101.7427**.

Distribution



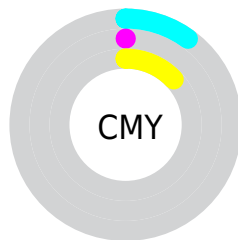
- Red (90%)
- Green (100%)
- Blue (87%)



- Red (87%)
- Yellow (100%)
- Blue (97%)



- Cyan (10%)
- Magenta (0%)
- Yellow (13%)
- Black (0%)





- Cyan (10%)
- Magenta (0%)
- Yellow (13%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 81.1242, 93.3985, 82.1586 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 81.1242, 93.3985, 82.1586 by changing the saturation by 10% instead.

 81.1242, 93.3985,
82.1586

 81.1242, 93.3985,
82.1586


487.3925,
539.0251, 522.0754

 60.9555, 70.8028,
60.9597


133.8874,
152.0502, 138.2351

 44.4417, 52.1813,
43.7623


167.2126,
188.8750, 173.9497

 31.2173, 37.1496,
30.1479

205.6541,
231.2115, 215.3400

 20.9170, 25.3233,
19.6978

249.5772,
279.4443, 262.8245

 13.1755, 16.3181,
11.9937

299.3472,
333.9576, 316.8218

 7.6273, 9.7495,
6.6169

355.3295,

 3.9072, 5.2332,

395.1360, 377.7503

3.1489

417.8895,
463.3637, 446.0287

■ 1.6498, 2.3847,
1.1712

■ 0.4245, 0.8180,
0.0000

■ 81.1242, 93.3985,
82.1586

■ 81.1242, 93.3985,
82.1586

■ 72.1036, 89.1114,
65.3278

■ 91.3611, 98.2529,
101.7427

■ 64.2512, 85.3696,
51.1228

95.0500, 100.0000,
108.9000

■ 57.5184, 82.1509,
39.4123

■ 51.8524, 79.4313,
30.0522

■ 47.1957, 77.1845,
22.8835

■ 43.4854, 75.3821,
17.7274

■ 40.6506, 73.9919,
14.3772

■ 38.6087, 72.9769,
12.5815

■ 37.6233, 72.4806,
12.0072

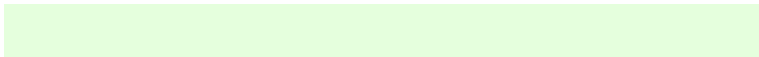
Harmonies

Analogous

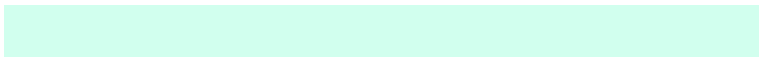
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



85.6425, 93.3985, 75.0226



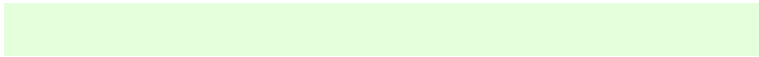
81.1242, 93.3985, 82.1586



78.7000, 93.3985, 94.9950

Triad

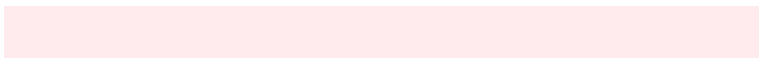
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



81.1242, 93.3985, 82.1586



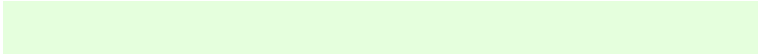
86.4011, 93.3985, 134.7568



99.4457, 93.3985, 92.8907

Complementary

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



81.1242, 93.3985, 82.1586



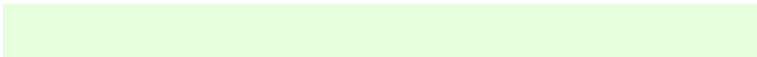
82.2650, 78.7083, 105.4641

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.



99.6697, 93.3985, 108.7031



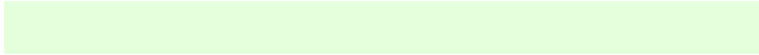
81.1242, 93.3985, 82.1586



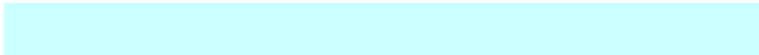
91.9778, 93.3985, 134.0409

Square

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



81.1242, 93.3985, 82.1586



81.6594, 93.3985, 125.9703



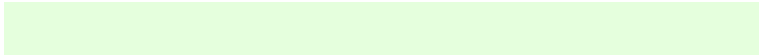
96.8870, 93.3985, 124.1063



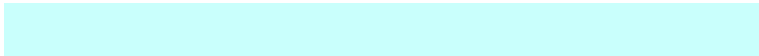
96.2871, 93.3985, 80.7578

Rectangle

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



81.1242, 93.3985, 82.1586



78.5281, 93.3985, 105.5685



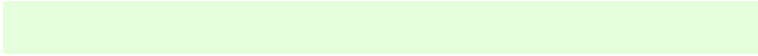
96.8870, 93.3985, 124.1063



99.8712, 93.3985, 97.9176

Sweetspot

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



81.1249, 93.3988, 82.1600



90.6392, 97.9109, 100.3477



87.3996, 92.6970, 81.6938



19.2278, 20.8751, 21.1453



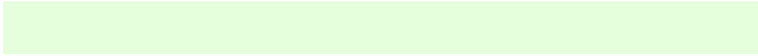
0.0000, 0.0000, 0.0000



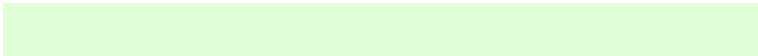
20.3446, 21.4041, 23.3091

Same Dimension

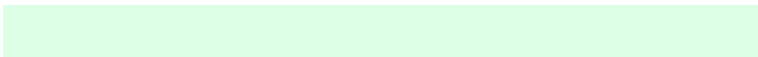
The Same Dimension uses a secret algorithm to generate beautiful new colors.



81.1249, 93.3988, 82.1600



78.6015, 92.2005, 77.4061



79.7924, 92.5777, 88.1601



18.1715, 20.3743, 19.1192



19.7675, 37.9286, 6.2791



2.0163, 3.7402, 0.6157

Inverse Universe

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



82.2650, 78.7083, 105.4641



79.9433, 74.8990, 104.8512



83.8085, 79.6585, 98.5505



18.3504, 18.0723, 22.7711



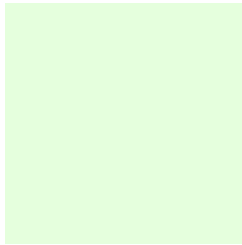
21.3305, 9.9067, 50.2225



2.1729, 1.0141, 4.8945

Previews

White Background



This preview shows how the XYZ color 81.1242, 93.3985, 82.1586 looks on a white background.

Color Contrast Check

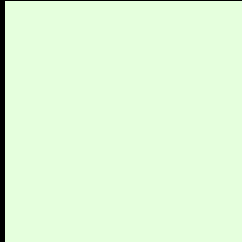
Large Text (above 18pt) WCAG AA × Fail

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 81.1242, 93.3985, 82.1586 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

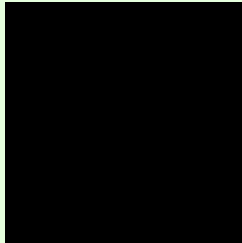
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

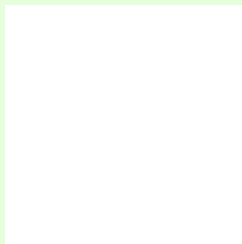
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 81.1242, 93.3985, 82.1586

Background



This preview shows how black text looks on a background with the XYZ color 81.1242, 93.3985, 82.1586.



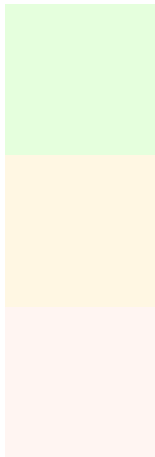
This preview shows how white text looks on a background with the XYZ color 81.1242, 93.3985,

82.1586.

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

81.1242, 93.3985, 82.1586

Protanopia

88.3659, 93.3276, 86.0297

Deuteranopia

89.9194, 92.9756, 97.2112

Tritanopia

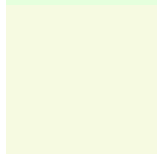
88.5795, 93.4095, 107.9689

Trichromacy



Original Color

81.1242, 93.3985, 82.1586



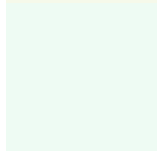
Protanomaly

85.7822, 93.4003, 84.7410



Deuteranomaly

86.7330, 93.2847, 91.2763



Tritanomaly

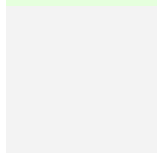
85.9347, 93.6426, 98.3396

Monochromacy



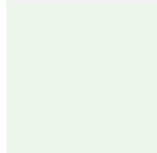
Original Color

81.1242, 93.3985, 82.1586



Achromatopsia

85.1904, 89.6269, 97.6037



Achromatomaly

83.5161, 90.6968, 91.7017

CSS Examples

Text

The CSS property to change the color of the text to XYZ 81.1242, 93.3985, 82.1586 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, 221)` looks like.

```
.text, #text, p{  
    color:rgb(229, 255, 221)  
}
```

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, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 255, 221) }
```

Border

The CSS property to change the border of an element to XYZ 81.1242, 93.3985, 82.1586 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, 221) }
```


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

```
.border{ border-color:rgb(229, 255, 221) }
```

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, 221)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 255, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 255, 221);  
box-shadow:4px 4px 4px 4px rgb(229, 255,  
221) }
```

Background

The CSS property to change the background color of an element to XYZ 81.1242, 93.3985, 82.1586 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, 221) }
```

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

```
.background{ background-color: rgb(229,  
255, 221) }
```

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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