

Converting Colors

XYZ(84.6977, 93.2252, 85.3073)

Have a look what the booklet for
XYZ(84.6977, 93.2252, 85.3073)
contains.

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Color

**XYZ(84.8426, 93.3626,
85.5006)**

Conversions

Conversions Part 1

Format	Color
Hex	F2FBE2
RGB	242, 251, 226
RGB Percent	95%, 98%, 89%
CMY	0.0510, 0.0157, 0.1137
CMYK	0.04, 0.00, 0.10, 0.02
HSL	82°, 76%, 94%
HSV	82°, 10%, 98%
XYZ	84.8426, 93.3626, 85.5006
YIQ	245.4590, 2.6610, -9.6830

Conversions

Conversions Part 2

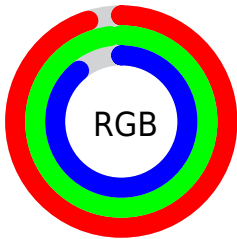
Format	Color
R_{YB}	226, 251, 235
Decimal	15924194
CIE Lab	97.37, -7.26, 10.96
CIE LCh	97, 13.144, 123.521
Yxy	93.3626, 0.3217, 0.3540
Android (android.graphics.Color)	4294114274 (0xFFFF2FBE2)
YUV	245.4590, -9.5933, -3.0335
Hunter-Lab	96.6243, -12.3577, 15.1727

Details

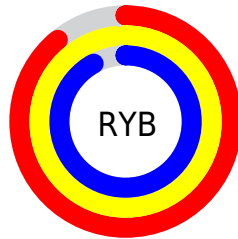
The XYZ color **84.8426, 93.3626, 85.5006** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **78.8735, 79.0225, 102.3675**, and the grayscale version is **87.2363, 91.7794, 99.9477**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **47.1155, 52.4096, 46.1609** is the 20% darker color. If you saturate the color by 10%, you get **78.6218, 90.5277, 68.5273**, and if you desaturate by 10%, it is **91.7261, 96.4864, 105.1408**.

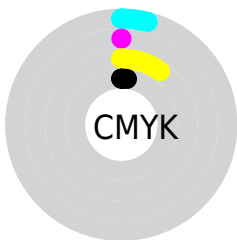
Distribution



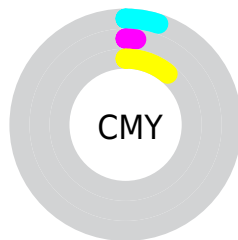
- Red (95%)
- Green (98%)
- Blue (89%)



- Red (89%)
- Yellow (98%)
- Blue (92%)



- Cyan (4%)
- Magenta (0%)
- Yellow (10%)
- Black (2%)





- Cyan (5%)
- Magenta (2%)
- Yellow (11%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 84.8426, 93.3626, 85.5006 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 84.8426, 93.3626, 85.5006 by changing the saturation by 10% instead.


 84.8426, 93.3626,
85.5006

 84.8426, 93.3626,
85.5006


499.5986,
538.9096, 533.4708

 64.0334, 70.7729,
63.7026


139.0684,
152.0005, 142.9527

 46.9395, 52.1569,
45.9652

173.2157,
188.8176, 179.4439

 33.1956, 37.1302,
31.8699


212.5398,
231.1458, 221.6699

 22.4363, 25.3083,
20.9981

257.4059,
279.3697, 270.0493

 14.2962, 16.3069,
12.9314

308.1795,
333.8737, 325.0005

 8.4100, 9.7416,
7.2512

365.2259,

 4.4124, 5.2280,

395.0420, 386.9421

3.5388

428.9105,
463.2592, 456.2927

■ 1.9380, 2.3816,
1.3759

■ 0.5988, 0.8164,
0.1228

■ 84.8426, 93.3626,
85.5006

■ 84.8426, 93.3626,
85.5006

■ 78.6218, 90.5277,
68.5273

■ 91.7261, 96.4864,
105.1408

■ 73.0322, 87.9597,
54.0997

■ 93.7890, 97.4781,
108.4797

■ 68.0505, 85.6521,
42.0965

■ 63.6492, 83.5935,
32.3839

■ 59.7981, 81.7717,
24.8154

■ 56.4637, 80.1730,
19.2273

■ 53.6081, 78.7819,
15.4324

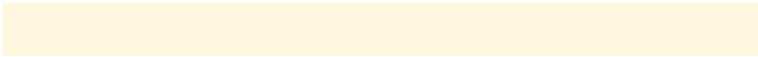
■ 51.1862, 77.5801,
13.2076

■ 49.1262, 76.5386,
12.1870

Harmonies

Analogous

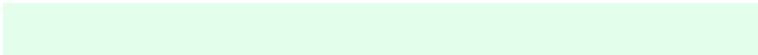
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



88.2993, 93.3626, 82.5312



84.8426, 93.3626, 85.5006



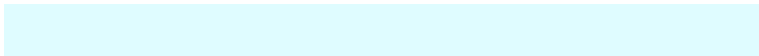
82.4823, 93.3626, 92.7842

Triad

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



84.8426, 93.3626, 85.5006



85.5839, 93.3626, 121.1382



96.0787, 93.3626, 100.4018

Complementary

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



84.8426, 93.3626, 85.5006



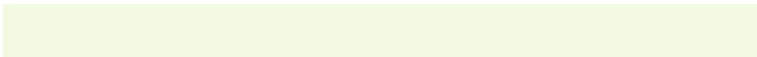
78.8735, 79.0225, 102.3675

Split Complementary

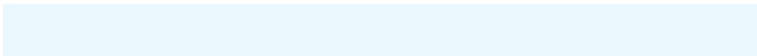
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



95.3030, 93.3626, 111.0760



84.8426, 93.3626, 85.5006



89.1788, 93.3626, 123.5281

Square

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



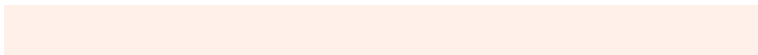
84.8426, 93.3626, 85.5006



82.9018, 93.3626, 113.4062



92.7516, 93.3626, 119.7281



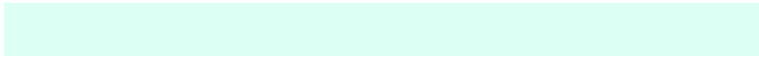
94.8426, 93.3626, 90.7468

Rectangle

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



84.8426, 93.3626, 85.5006



81.8123, 93.3626, 99.3596



92.7516, 93.3626, 119.7281



96.0447, 93.3626, 103.9875

Sweetspot

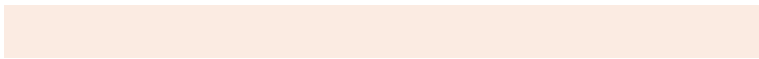
The Sweet Spot groups the original color and five complimentary colors.



84.8451, 93.3666, 85.5026



92.8363, 98.9983, 102.4947



83.1513, 85.2769, 84.0304



19.7464, 21.1334, 21.5810



0.0000, 0.0000, 0.0000



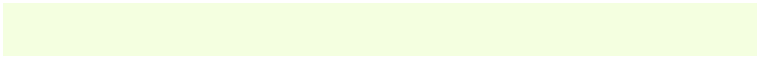
20.3446, 21.4041, 23.3091

Same Dimension

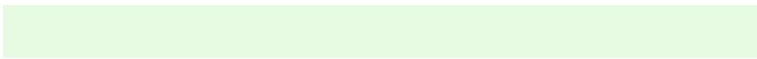
The Same Dimension uses a secret algorithm to generate beautiful new colors.



84.8451, 93.3666, 85.5026



86.5702, 96.1531, 84.8024



80.7805, 91.2713, 85.3124



18.0856, 19.8599, 18.3425



25.9824, 40.3127, 6.4117



2.5222, 3.7933, 0.5993

Inverse Universe

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



78.8735, 79.0225, 102.3675



79.2131, 78.4803, 105.5810



83.0583, 81.1798, 102.5633



16.8730, 16.9472, 21.7671



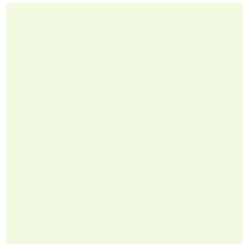
11.5336, 4.8885, 48.3092



1.1795, 0.5101, 4.4795

Previews

White Background



This preview shows how the XYZ color 84.8426, 93.3626, 85.5006 looks on a white background.

Color Contrast Check

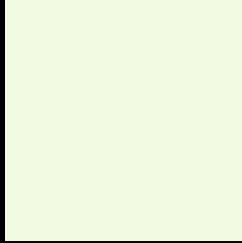
Large Text (above 18pt) WCAG AA × Fail

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 84.8426, 93.3626, 85.5006 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

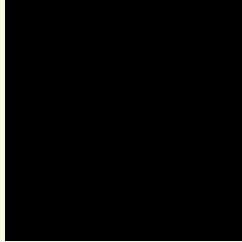
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

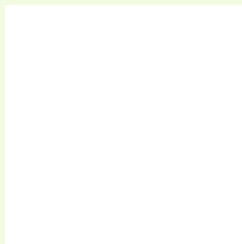
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 84.8426, 93.3626, 85.5006

Background



This preview shows how black text looks on a background with the XYZ color 84.8426, 93.3626, 85.5006.



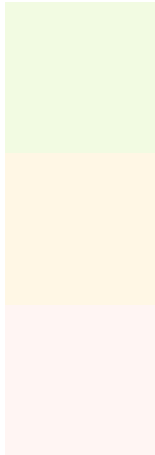
This preview shows how white text looks on a background with the XYZ color 84.8426, 93.3626,

85.506.

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

84.8426, 93.3626, 85.5006

Protanopia

88.6436, 93.4387, 87.4922

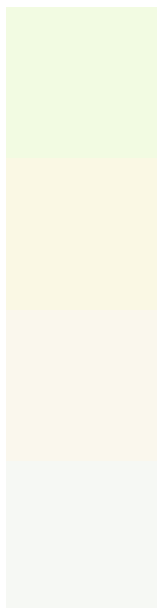
Deuteranopia

90.0701, 93.0359, 98.0045

Tritanopia

89.7172, 93.0880, 107.8469

Trichromacy



Original Color

84.8426, 93.3626, 85.5006

Protanomaly

86.9953, 93.0602, 86.7761

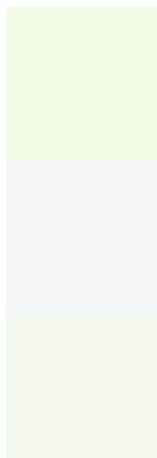
Deuteranomaly

87.9712, 92.9599, 93.4273

Tritanomaly

87.9026, 93.2593, 98.9558

Monochromacy



Original Color

84.8426, 93.3626, 85.5006

Achromatopsia

86.7900, 91.3099, 99.4364

Achromatomaly

86.0016, 91.9277, 94.1000

CSS Examples

Text

The CSS property to change the color of the text to XYZ 84.8426, 93.3626, 85.5006 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(242, 251, 226)` looks like.

```
.text, #text, p{  
    color:rgb(242, 251, 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(242, 251, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 251, 226) }
```

Border

The CSS property to change the border of an element to XYZ 84.8426, 93.3626, 85.5006 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(242, 251, 226) }
```


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

```
.border{ border-color:rgb(242, 251, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 251, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 251, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 251, 226);  
box-shadow:4px 4px 4px 4px rgb(242, 251,  
226) }
```

Background

The CSS property to change the background color of an element to XYZ 84.8426, 93.3626, 85.5006 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 251, 226) }
```

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

```
.background{ background-color: rgb(242,  
251, 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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