

Converting Colors

XYZ(85.1191, 93.7477, 82.6104)

Have a look what the booklet for
XYZ(85.1191, 93.7477, 82.6104)
contains.

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Color

**XYZ(84.9902, 93.5014,
82.6753)**

Conversions

Conversions Part 1

Format	Color
Hex	F4FBDE
RGB	244, 251, 222
RGB Percent	96%, 98%, 87%
CMY	0.0431, 0.0157, 0.1294
CMYK	0.03, 0.00, 0.12, 0.02
HSL	74°, 78%, 93%
HSV	74°, 12%, 98%
XYZ	84.9902, 93.5014, 82.6753
YIQ	245.6010, 5.1370, -10.5030

Conversions

Conversions Part 2

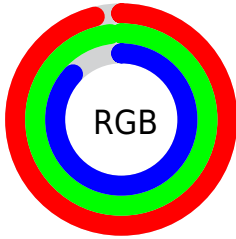
Format	Color
R_{YB}	222, 251, 229
Decimal	16055262
CIE _{Lab}	97.43, -7.22, 13.11
CIE _{LCh}	97, 14.967, 118.848
Yxy	93.5014, 0.3254, 0.3580
Android (android.graphics.Color)	4294245342 (0xFFFF4FBDE)
YUV	245.6010, -11.6353, -1.4041
Hunter-Lab	96.6961, -12.3272, 16.9943

Details

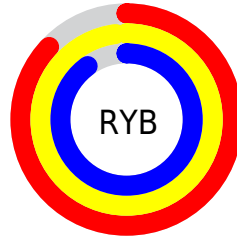
The XYZ color **84.9902, 93.5014, 82.6753** is a light color, and the websafe version is hex **FFFCC**. A complement of this color would be **75.8506, 75.8681, 101.9181**, and the grayscale version is **87.3654, 91.9152, 100.0956**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **47.2292, 52.5116, 44.2057** is the 20% darker color. If you saturate the color by 10%, you get **79.8052, 91.1914, 66.1595**, and if you desaturate by 10%, it is **90.7504, 96.0556, 101.8361**.

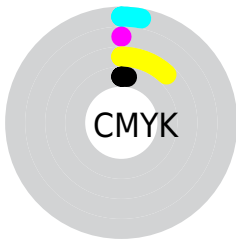
Distribution



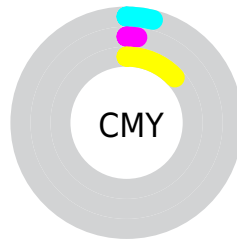
- Red (96%)
- Green (98%)
- Blue (87%)



- Red (87%)
- Yellow (98%)
- Blue (90%)



- Cyan (3%)
- Magenta (0%)
- Yellow (12%)
- Black (2%)





- Cyan (4%)
- Magenta (2%)
- Yellow (13%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 84.9902, 93.5014, 82.6753 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 84.9902, 93.5014, 82.6753 by changing the saturation by 10% instead.


 84.9902, 93.5014,
82.6753

 84.9902, 93.5014,
82.6753

500.0798,
539.3562, 523.8464

 64.1557, 70.8883,
61.3833

139.2736,
152.1926, 138.9658

 47.0390, 52.2511,
44.1020


173.4532,
189.0395, 174.8013

 33.2746, 37.2052,
30.4129


212.8120,
231.3998, 216.3217

 22.4971, 25.3664,
19.8975

257.7152,
279.6579, 263.9456

 14.3413, 16.3503,
12.1372

308.5282,
334.1982, 318.0914

 8.4417, 9.7724,
6.7135

365.6164,

 4.4330, 5.2483,

395.4051, 379.1778

3.2079

429.3452,
463.6629, 447.6233

■ 1.9499, 2.3937,
1.2017

■ 0.6056, 0.8226,
0.0000

■ 84.9902, 93.5014,
82.6753

■ 84.9902, 93.5014,
82.6753

■ 79.8052, 91.1914,
66.1595

■ 90.7504, 96.0556,
101.8361

■ 75.1650, 89.1042,
52.1666

■ 93.7891, 97.4782,
108.4797

■ 71.0478, 87.2341,
40.5738

■ 67.4273, 85.5704,
31.2454

■ 64.2745, 84.1014,
24.0327

■ 61.5570, 82.8142,
18.7688

■ 59.2377, 81.6938,
15.2619

■ 57.2721, 80.7223,
13.2815

■ 55.8302, 79.9948,
12.4980

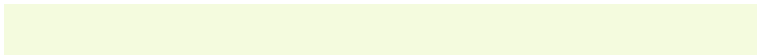
Harmonies

Analogous

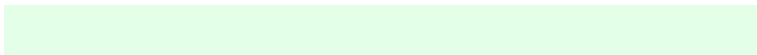
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



89.0344, 93.5014, 80.1800



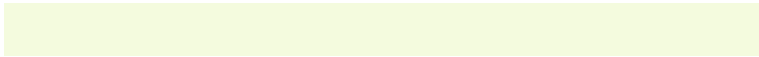
84.9902, 93.5014, 82.6753



82.0669, 93.5014, 90.1879

Triad

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



84.9902, 93.5014, 82.6753



84.7147, 93.5014, 123.1497



97.2826, 93.5014, 102.2776

Complementary

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



84.9902, 93.5014, 82.6753



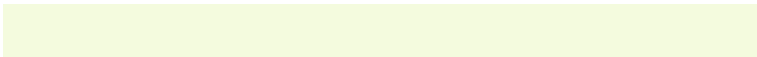
75.8506, 75.8681, 101.9181

Split Complementary

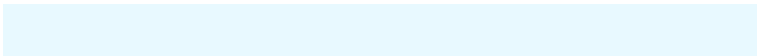
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



96.0396, 93.5014, 114.3838



84.9902, 93.5014, 82.6753



88.7064, 93.5014, 127.0105

Square

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



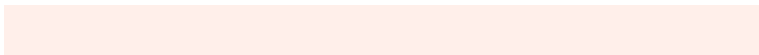
84.9902, 93.5014, 82.6753



81.9115, 93.5014, 113.5067



92.8667, 93.5014, 123.6838



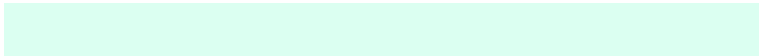
96.2125, 93.5014, 90.9404

Rectangle

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



84.9902, 93.5014, 82.6753



81.1008, 93.5014, 97.3530



92.8667, 93.5014, 123.6838



97.1207, 93.5014, 106.3951

Sweetspot

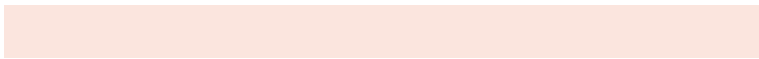
The Sweet Spot groups the original color and five complimentary colors.



84.9927, 93.5055, 82.6773



93.1661, 99.1683, 102.5101



80.9265, 81.6955, 80.6121



19.8356, 21.1793, 21.5851



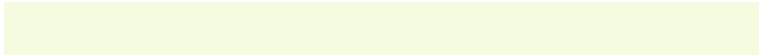
0.0000, 0.0000, 0.0000



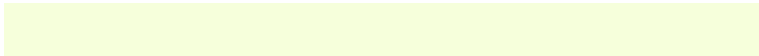
20.3446, 21.4041, 23.3091

Same Dimension

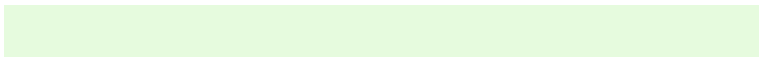
The Same Dimension uses a secret algorithm to generate beautiful new colors.



84.9927, 93.5055, 82.6773



86.7244, 96.3115, 81.2442



80.2327, 91.0516, 82.4546



18.2938, 19.9672, 18.3523



29.4825, 42.1171, 6.5755



2.8251, 3.9495, 0.6134

Inverse Universe

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



75.8506, 75.8681, 101.9181



75.4301, 74.5210, 105.0161



80.5913, 78.3120, 102.1399



16.6755, 16.8454, 21.7579



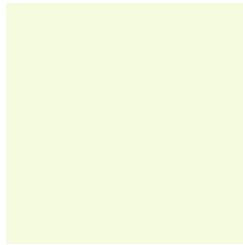
10.2604, 4.2321, 48.2496



1.0412, 0.4388, 4.4730

Previews

White Background



This preview shows how the XYZ color 84.9902, 93.5014, 82.6753 looks on a white background.

Color Contrast Check

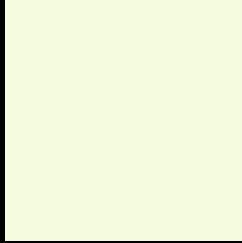
Large Text (above 18pt) WCAG AA × Fail

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 84.9902, 93.5014, 82.6753 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

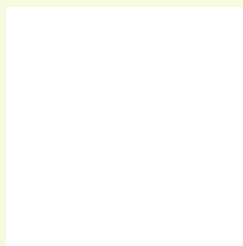
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 84.9902, 93.5014, 82.6753

Background



This preview shows how black text looks on a background with the XYZ color 84.9902, 93.5014, 82.6753.



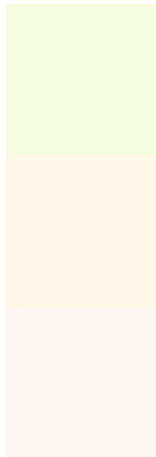
This preview shows how white text looks on a background with the XYZ color 84.9902, 93.5014,

82.6753.

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

84.9902, 93.5014, 82.6753

Protanopia

88.6436, 93.4387, 87.4922

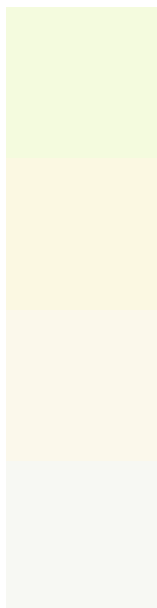
Deuteranopia

90.3734, 93.6426, 98.1057

Tritanopia

90.0727, 93.2713, 107.8636

Trichromacy



Original Color

84.9902, 93.5014, 82.6753

Protanomaly

87.0785, 93.1350, 85.3388

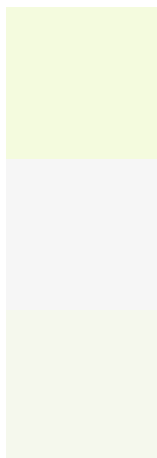
Deuteranomaly

88.3465, 93.6422, 92.0157

Tritanomaly

88.1028, 93.3800, 98.1746

Monochromacy



Original Color

84.9902, 93.5014, 82.6753

Achromatopsia

87.5964, 92.1582, 100.3603

Achromatomaly

86.5097, 92.6617, 93.4467

CSS Examples

Text

The CSS property to change the color of the text to XYZ 84.9902, 93.5014, 82.6753 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(244, 251, 222) looks like.

```
.text, #text, p{  
    color:rgb(244, 251, 222)  
}
```

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(244, 251, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 251, 222) }
```

Border

The CSS property to change the border of an element to XYZ 84.9902, 93.5014, 82.6753 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(244, 251, 222) }
```


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

```
.border{ border-color:rgb(244, 251, 222) }
```

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

Here you see how a box with a 4 pixel `rgb(244, 251, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 251, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 251, 222);  
box-shadow:4px 4px 4px 4px rgb(244, 251,  
222) }
```

Background

The CSS property to change the background color of an element to XYZ 84.9902, 93.5014, 82.6753 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 251, 222) }
```

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

```
.background{ background-color: rgb(244,  
251, 222) }
```

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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