

Converting Colors

XYZ(85.5380, 95.6663, 82.7093)

Have a look what the booklet for
XYZ(85.5380, 95.6663, 82.7093)
contains.

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Color

**XYZ(85.4291, 95.6177,
82.3601)**

Conversions

Conversions Part 1

Format	Color
Hex	F2FFDD
RGB	242, 255, 221
RGB Percent	95%, 100%, 87%
CMY	0.0510, 0.0000, 0.1333
CMYK	0.05, 0.00, 0.13, 0.00
HSL	83°, 100%, 93%
HSV	83°, 13%, 100%
XYZ	85.4291, 95.6177, 82.3601
YIQ	247.2370, 3.1660, -13.3300

Conversions

Conversions Part 2

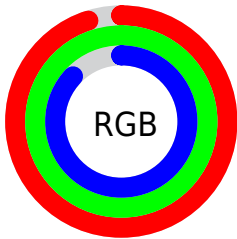
Format	Color
R _Y B	221, 255, 234
Decimal	15925213
CIE Lab	98.28, -10.06, 14.81
CIE LCh	98, 17.898, 124.181
Yxy	95.6177, 0.3243, 0.3630
Android (android.graphics.Color)	4294115293 (0xFFFF2FFDD)
YUV	247.2370, -12.9348, -4.5928
Hunter-Lab	97.7843, -15.1763, 18.5112

Details

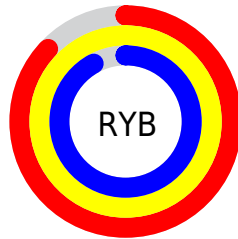
The XYZ color **85.4291, 95.6177, 82.3601** is a light color, and the websafe version is hex **FFFCC**. A complement of this color would be **77.8390, 76.4266, 105.2570**, and the grayscale version is **88.7004, 93.3197, 101.6252**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **47.3267, 53.5804, 43.9241** is the 20% darker color. If you saturate the color by 10%, you get **79.0276, 92.6808, 65.6519**, and if you desaturate by 10%, it is **92.5265, 98.8537, 101.7973**.

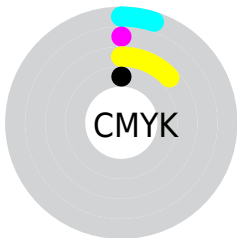
Distribution



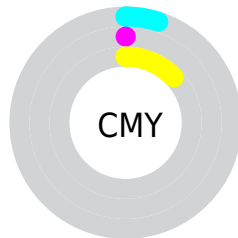
- Red (95%)
- Green (100%)
- Blue (87%)



- Red (87%)
- Yellow (100%)
- Blue (92%)



- Cyan (5%)
- Magenta (0%)
- Yellow (13%)
- Black (0%)





- Cyan (5%)
- Magenta (0%)
- Yellow (13%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 85.4291, 95.6177, 82.3601 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 85.4291, 95.6177, 82.3601 by changing the saturation by 10% instead.


 85.4291, 95.6177,
82.3601

 85.4291, 95.6177,
82.3601


501.5092,
546.1406, 522.7664

 64.5197, 72.6492,
61.1249


139.8835,
155.1177, 138.5201

 47.3350, 53.6892,
43.8947

174.1591,
192.4180, 174.2819

 33.5096, 38.3532,
30.2512


213.6209,
235.2643, 215.7230

 22.6782, 26.2569,
19.7756

258.6342,
284.0411, 263.2619

 14.4755, 17.0160,
12.0496

309.5643,
339.1327, 317.3171

 8.5360, 10.2459,
6.6545

366.7766,

 4.4945, 5.5623,

400.9236, 378.3073

3.1718

430.6364,
469.7981, 446.6509

■ 1.9855, 2.5808,
1.1830

■ 0.6258, 0.9170,
0.0000

■ 85.4291, 95.6177,
82.3601

■ 85.4291, 95.6177,
82.3601

■ 79.0276, 92.6808,
65.6519

■ 92.5265, 98.8537,
101.7973

■ 73.2940, 90.0313,
51.5460

95.0500, 100.0000,
108.9000

■ 68.2012, 87.6581,
39.9123

■ 63.7191, 85.5488,
30.6076

■ 59.8149, 83.6899,
23.4741

■ 56.4517, 82.0664,
18.3343

■ 53.5876, 80.6611,
14.9827

■ 51.1717, 79.4533,
13.1694

■ 49.7629, 78.7388,
12.5753

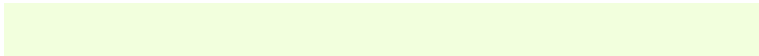
Harmonies

Analogous

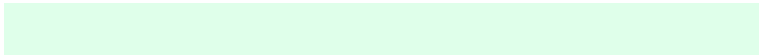
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



90.1615, 95.6177, 78.3015



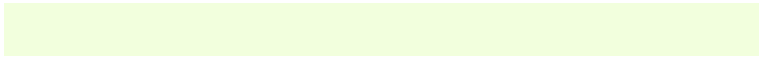
85.4291, 95.6177, 82.3601



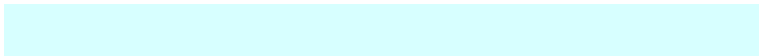
82.2527, 95.6177, 92.2370

Triad

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



85.4291, 95.6177, 82.3601



86.6350, 95.6177, 131.7958



101.1243, 95.6177, 102.0568

Complementary

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



85.4291, 95.6177, 82.3601



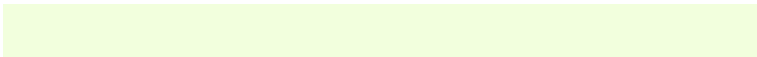
77.8390, 76.4266, 105.2570

Split Complementary

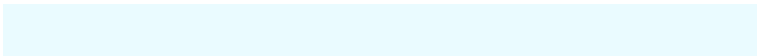
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



100.0941, 95.6177, 116.9636



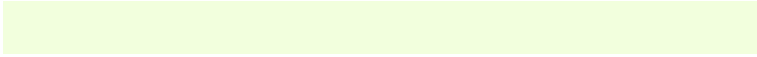
85.4291, 95.6177, 82.3601



91.6058, 95.6177, 135.0483

Square

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



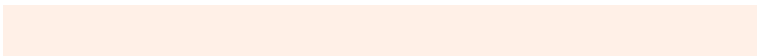
85.4291, 95.6177, 82.3601



82.9303, 95.6177, 120.8778



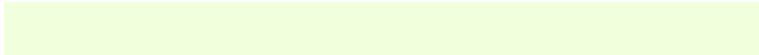
96.5616, 95.6177, 129.3903



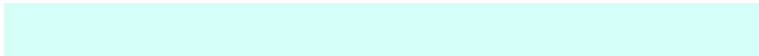
99.3259, 95.6177, 88.9718

Rectangle

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



85.4291, 95.6177, 82.3601



81.3783, 95.6177, 101.2611



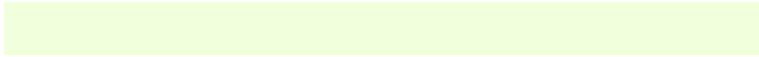
96.5616, 95.6177, 129.3903



101.0977, 95.6177, 107.0147

Sweetspot

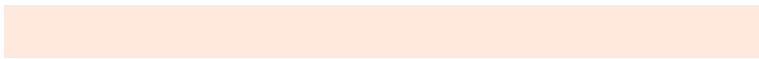
The Sweet Spot groups the original color and five complimentary colors.



85.4298, 95.6180, 82.3615



92.0306, 98.6282, 100.4128



83.5630, 85.0237, 80.4150



19.5796, 21.0565, 21.1617



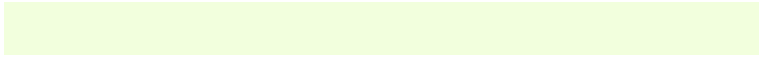
0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

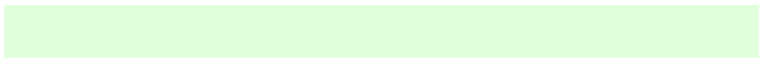
The Same Dimension uses a secret algorithm to generate beautiful new colors.



85.4298, 95.6180, 82.3615



83.6551, 94.8058, 77.6426



80.0298, 92.8343, 82.1088



18.8491, 20.7236, 19.1509



26.1739, 41.2312, 6.5789



2.6703, 4.0774, 0.6463

Inverse Universe

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



77.8390, 76.4266, 105.2570



74.7160, 72.2043, 104.6066



83.4989, 79.3443, 105.5219



17.6595, 17.7162, 22.7388



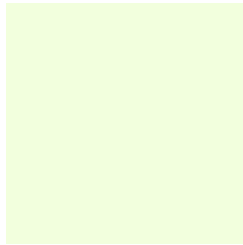
12.1885, 5.1939, 49.7947



1.3040, 0.5661, 4.8538

Previews

White Background



This preview shows how the XYZ color 85.4291, 95.6177, 82.3601 looks on a white background.

Color Contrast Check

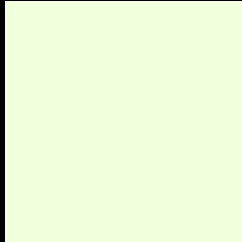
Large Text (above 18pt) WCAG AA × Fail

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 85.4291, 95.6177, 82.3601 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

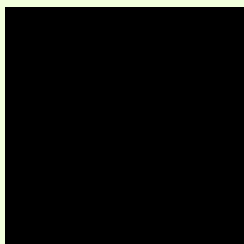
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

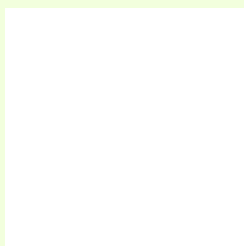
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 85.4291, 95.6177, 82.3601

Background



This preview shows how black text looks on a background with the XYZ color 85.4291, 95.6177, 82.3601.



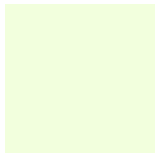
This preview shows how white text looks on a background with the XYZ color 85.4291, 95.6177,

82.3601.

Color Blindness Simulation

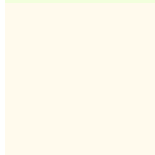
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



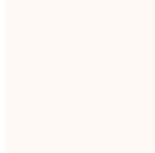
Original Color

85.4291, 95.6177, 82.3601



Protanopia

90.7117, 95.7456, 93.8205



Deuteranopia

91.7502, 95.6652, 100.8182

Tritanopia

91.3500, 95.2954, 108.1869

Trichromacy



Original Color

85.4291, 95.6177, 82.3601

Protanomaly

88.6585, 95.7143, 89.4032

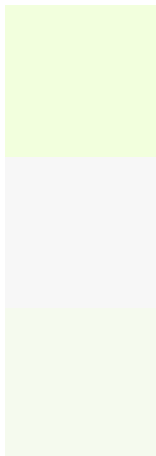
Deuteranomaly

89.2076, 95.4328, 93.8394

Tritanomaly

89.0326, 95.2396, 98.4846

Monochromacy



Original Color

85.4291, 95.6177, 82.3601

Achromatopsia

88.4070, 93.0111, 101.2891

Achromatomaly

87.2744, 93.9567, 94.4245

CSS Examples

Text

The CSS property to change the color of the text to XYZ 85.4291, 95.6177, 82.3601 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, 255, 221)` looks like.

```
.text, #text, p{  
    color:rgb(242, 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(242, 255, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 255, 221) }
```

Border

The CSS property to change the border of an element to XYZ 85.4291, 95.6177, 82.3601 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, 255, 221) }
```


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

```
.border{ border-color:rgb(242, 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(242, 255, 221) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 255, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 255, 221);  
box-shadow:4px 4px 4px 4px rgb(242, 255,  
221) }
```

Background

The CSS property to change the background color of an element to XYZ 85.4291, 95.6177, 82.3601 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 255, 221) }
```

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

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