

Converting Colors

$Yxy(88.5600, 0.3184, 0.3817)$

Have a look what the booklet for
Yxy(88.5600, 0.3184, 0.3817)
contains.

Yxy(88.5315, 0.3184, 0.3814)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(88.5315, 0.3184, 0.3814)

Conversions

Conversions Part 1

Format	Color
Hex	D8FCCB
RGB	216, 252, 203
RGB Percent	85%, 99%, 80%
CMY	0.1529, 0.0117, 0.2040
CMYK	0.14, 0.00, 0.19, 0.01
HSL	104°, 89%, 89%
HSV	104°, 19%, 99%
XYZ	73.9078, 88.5315, 69.6832
YIQ	235.6500, -5.7270, -22.8710

Conversions

Conversions Part 2

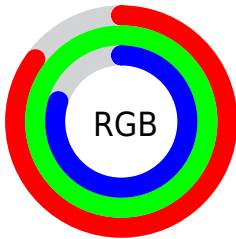
Format	Color
RYB	203, 252, 239
Decimal	14220491
CIELab	95.38, -20.32, 19.69
CIELCh	95, 28.294, 135.905
Yxy	88.5315, 0.3184, 0.3814
Android (android.graphics.Color)	4292410571 (0xFFD8FCCB)
YUV	235.6500, -16.0964, -17.2330
Hunter-Lab	94.0912, -24.4494, 21.9541

Details

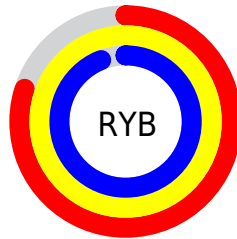
The Yxy color **88.5315, 0.3184, 0.3814** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **68.0831, 0.3055, 0.2791**, and the grayscale version is **83.7296, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **48.7772, 0.3192, 0.3928** is the 20% darker color. If you saturate the color by 10%, you get **84.7677, 0.3209, 0.4122**, and if you desaturate by 10%, it is **92.8158, 0.3156, 0.3531**.

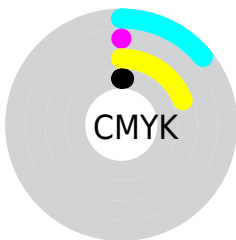
Distribution



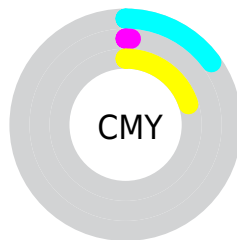
- Red (85%)
- Green (99%)
- Blue (80%)



- Red (80%)
- Yellow (99%)
- Blue (94%)



- Cyan (14%)
- Magenta (0%)
- Yellow (19%)
- Black (1%)





- Cyan (15%)
- Magenta (1%)
- Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 88.5315, 0.3184, 0.3814 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 Yxy color 88.5315, 0.3184, 0.3814 by changing the saturation by 10% instead.

 88.5315, 0.3184,
0.3814

 88.5315, 0.3184,
0.3814


523.2422, 0.3163,
0.3572

 66.7633, 0.3188,
0.3869

145.2969, 0.3178,
0.3730

 48.8923, 0.3192,
0.3936


181.0629, 0.3175,
0.3698

 34.5341, 0.3196,
0.4022


222.2636, 0.3172,
0.3670

 23.3042, 0.3200,
0.4133

269.2835, 0.3170,
0.3645

 14.8183, 0.3203,
0.4283

322.5069, 0.3168,
0.3624

 8.6919, 0.3201,
0.4496

382.3182, 0.3166,

 4.5408, 0.3187,

0.3605

0.4820

449.1019, 0.3164,
0.3588

■ 1.9804, 0.3197,
0.5481

■ 0.5961, 0.1058,
0.8942

■ 88.5315, 0.3184,
0.3814

■ 88.5315, 0.3184,
0.3814

■ 84.7677, 0.3209,
0.4122

■ 92.8158, 0.3156,
0.3531

■ 81.4929, 0.3227,
0.4449

■ 97.6279, 0.3125,
0.3277

■ 78.6899, 0.3237,
0.4782

■ 98.1047, 0.3128,
0.3262

■ 76.3356, 0.3235,
0.5106

■ 74.4052, 0.3220,
0.5398

■ 72.8709, 0.3192,
0.5639

■ 71.7014, 0.3151,
0.5811

■ 70.8543, 0.3105,
0.5914

■ 70.8151, 0.3103,
0.5919

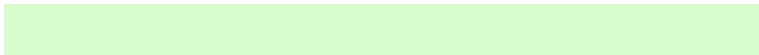
Harmonies

Analogous

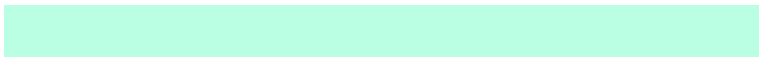
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



88.5315, 0.3490, 0.3856



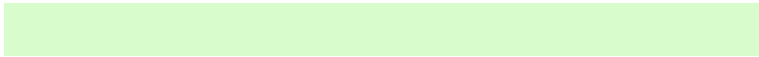
88.5315, 0.3184, 0.3814



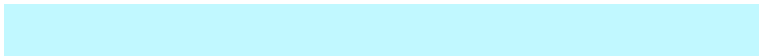
88.5315, 0.2873, 0.3607

Triad

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



88.5315, 0.3184, 0.3814



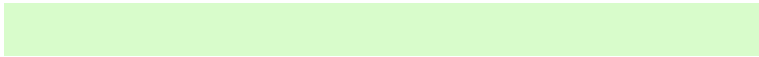
88.5315, 0.2574, 0.2828



88.5315, 0.3637, 0.3243

Complementary

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



88.5315, 0.3184, 0.3814



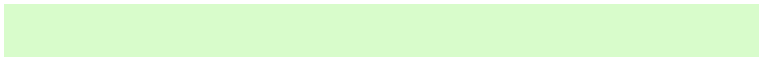
68.0831, 0.3055, 0.2791

Split Complementary

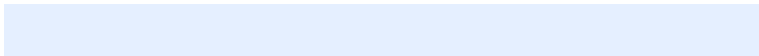
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



88.5315, 0.3369, 0.3000



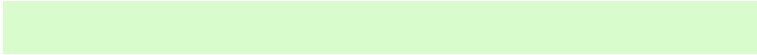
88.5315, 0.3184, 0.3814



88.5315, 0.2757, 0.2764

Square

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



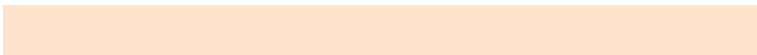
88.5315, 0.3184, 0.3814



88.5315, 0.2532, 0.3021



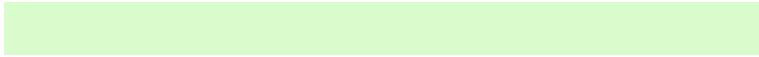
88.5315, 0.3044, 0.2828



88.5315, 0.3761, 0.3508

Rectangle

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



88.5315, 0.3184, 0.3814



88.5315, 0.2704, 0.3411



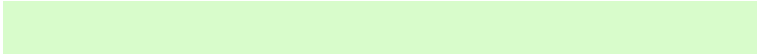
88.5315, 0.3044, 0.2828



88.5315, 0.3560, 0.3157

Sweetspot

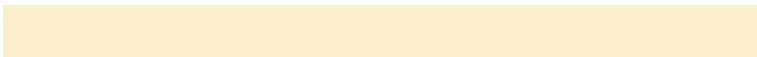
The Sweet Spot groups the original color and five complimentary colors.



88.5353, 0.3184, 0.3814



96.9841, 0.3145, 0.3440



86.7023, 0.3445, 0.3652



20.6909, 0.3147, 0.3457



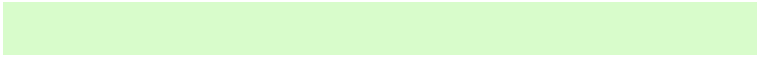
0.0000, 0.0000, 0.0000



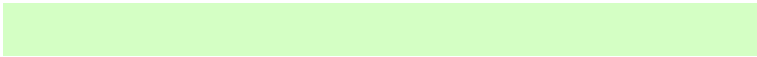
21.4041, 0.3127, 0.3290

Same Dimension

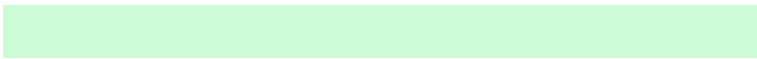
The Same Dimension uses a secret algorithm to generate beautiful new colors.



88.5353, 0.3184, 0.3814



89.5072, 0.3193, 0.3921



87.1961, 0.3038, 0.3698



19.5321, 0.3156, 0.3532



36.9471, 0.3112, 0.5911



3.4713, 0.3195, 0.5845

Inverse Universe

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



68.0831, 0.3055, 0.2791



65.2829, 0.3039, 0.2695



69.7273, 0.3231, 0.2914



17.2792, 0.3095, 0.3053



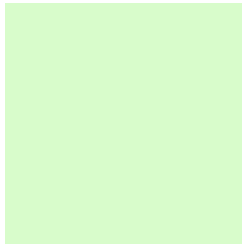
9.1150, 0.2545, 0.1176



0.8958, 0.2627, 0.1221

Previews

White Background



This preview shows how the Yxy color 88.5315, 0.3184, 0.3814 looks on a white background.

Color Contrast Check

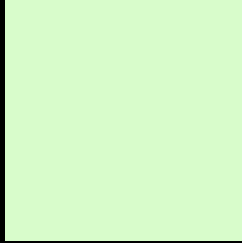
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Yxy color 88.5315, 0.3184, 0.3814 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

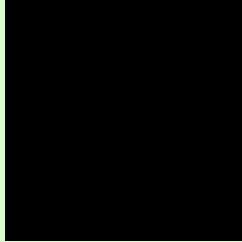
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

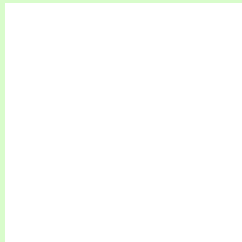
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 88.5315, 0.3184, 0.3814

Background



This preview shows how black text looks on a background with the Yxy color 88.5315, 0.3184, 0.3814.

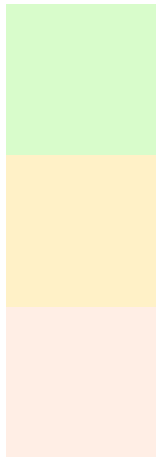


This preview shows how white text looks on a background with the Yxy color 88.5315, 0.3184, 0.3814.

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

88.5315, 0.3184, 0.3814

Protanopia

88.2941, 0.3488, 0.3710

Deuteranopia

88.0662, 0.3298, 0.3379



Tritanopia

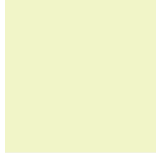
88.4770, 0.2987, 0.3170

Trichromacy



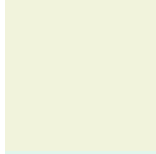
Original Color

88.5315, 0.3184, 0.3814



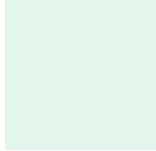
Protanomaly

88.1757, 0.3377, 0.3752



Deuteranomaly

87.9693, 0.3255, 0.3524



Tritanomaly

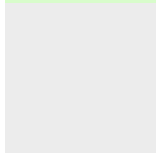
88.1364, 0.3059, 0.3393

Monochromacy



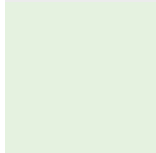
Original Color

88.5315, 0.3184, 0.3814



Achromatopsia

83.8799, 0.3127, 0.3290



Achromatomaly

85.5441, 0.3151, 0.3477

CSS Examples

Text

The CSS property to change the color of the text to Yxy 88.5315, 0.3184, 0.3814 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(216, 252, 203)` looks like.

```
.text, #text, p{  
    color:rgb(216, 252, 203)  
}
```

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(216, 252, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 252, 203) }
```

Border

The CSS property to change the border of an element to Yxy 88.5315, 0.3184, 0.3814 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(216, 252, 203) }
```

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

```
.border{ border-color:rgb(216, 252, 203) }
```

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

Here you see how a box with a 4 pixel rgb(216, 252, 203) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 252, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 252, 203);  
box-shadow:4px 4px 4px 4px rgb(216, 252,  
203) }
```


Background

The CSS property to change the background color of an element to Yxy 88.5315, 0.3184, 0.3814 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 252, 203) }
```

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

```
.background{ background-color: rgb(216,  
252, 203) }
```

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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