

Converting Colors

$Yxy(88.1291, 0.3307, 0.4183)$

Have a look what the booklet for
Yxy(88.1291, 0.3307, 0.4183)
contains.

Yxy(88.0924, 0.3305, 0.4184)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(88.0924, 0.3305, 0.4184)

Conversions

Conversions Part 1

Format	Color
Hex	D1FFAD
RGB	209, 255, 173
RGB Percent	82%, 100%, 68%
CMY	0.1806, 0.0000, 0.3216
CMYK	0.18, 0.00, 0.32, 0.00
HSL	94°, 100%, 84%
HSV	94°, 32%, 100%
XYZ	69.5854, 88.0924, 52.8681
YIQ	231.8980, -1.0940, -35.2540

Conversions

Conversions Part 2

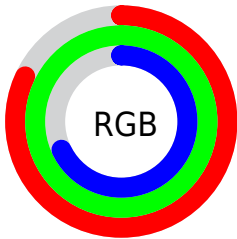
Format	Color
RYB	173, 255, 219
Decimal	13762477
CIELab	95.20, -28.67, 34.53
CIELCh	95, 44.879, 129.704
Yxy	88.0924, 0.3305, 0.4184
Android (android.graphics.Color)	4291952557 (0xFFD1FFAD)
YUV	231.8980, -29.0367, -20.0815
Hunter-Lab	93.8576, -31.9119, 32.3034

Details

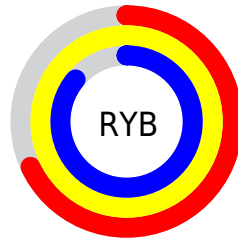
The Yxy color **88.0924, 0.3305, 0.4184** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **52.1736, 0.2883, 0.2418**, and the grayscale version is **80.8240, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.4371, 0.3280, 0.3542**, and **48.5165, 0.3325, 0.4393** is the 20% darker color. If you saturate the color by 10%, you get **85.1945, 0.3348, 0.4494**, and if you desaturate by 10%, it is **91.3506, 0.3254, 0.3884**.

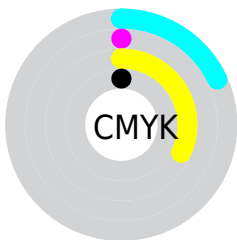
Distribution



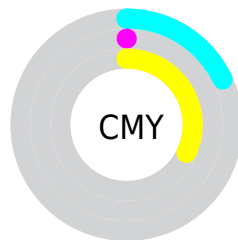
- Red (82%)
- Green (100%)
- Blue (68%)



- Red (68%)
- Yellow (100%)
- Blue (86%)



- Cyan (18%)
- Magenta (0%)
- Yellow (32%)
- Black (0%)





- Cyan (18%)
- Magenta (0%)
- Yellow (32%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 88.0924, 0.3305, 0.4184 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 88.0924, 0.3305, 0.4184 by changing the saturation by 10% instead.


 88.0924, 0.3305,
0.4184

 88.0924, 0.3305,
0.4184


521.8058, 0.3237,
0.3768

 66.3996, 0.3317,
0.4279

 144.6858, 0.3285,
0.4039

 48.5969, 0.3329,
0.4396


180.3552, 0.3276,
0.3983

 34.2998, 0.3342,
0.4543

221.4522, 0.3268,
0.3935

 23.1240, 0.3353,
0.4734

268.3612, 0.3260,
0.3893

 14.6851, 0.3357,
0.4989

321.4667, 0.3254,
0.3856

 8.5987, 0.3345,
0.5342

381.1531, 0.3248,

 4.4804, 0.3297,

0.3823

0.5884

447.8046, 0.3242,
0.3794

■ 1.9457, 0.3165,
0.6835

■ 0.5757, 0.0000,
1.0000

■ 88.0924, 0.3305,
0.4184

■ 88.0924, 0.3305,
0.4184

■ 85.1945, 0.3348,
0.4494

■ 91.3506, 0.3254,
0.3884

■ 82.6649, 0.3379,
0.4802

■ 95.0076, 0.3198,
0.3602

■ 80.4789, 0.3394,
0.5094

■ 99.0691, 0.3140,
0.3343

■ 78.6178, 0.3389,
0.5351

100.0000, 0.3127,
0.3290

■ 77.0606, 0.3363,
0.5559

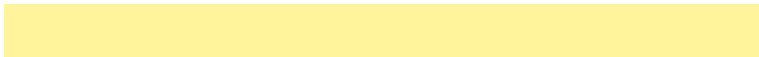
■ 75.7830, 0.3317,
0.5706

■ 74.9510, 0.3273,
0.5783

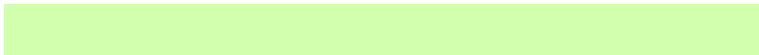
Harmonies

Analogous

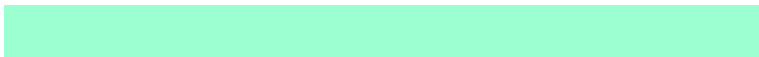
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



88.0924, 0.3773, 0.4163



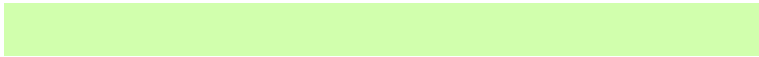
88.0924, 0.3305, 0.4184



88.0924, 0.2811, 0.3897

Triad

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



88.0924, 0.3305, 0.4184



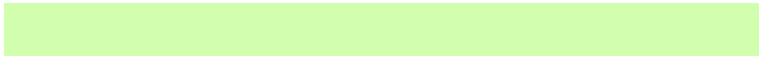
88.0924, 0.2244, 0.2607



88.0924, 0.3866, 0.3121

Complementary

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



88.0924, 0.3305, 0.4184



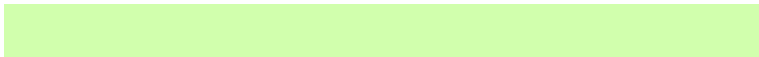
52.1736, 0.2883, 0.2418

Split Complementary

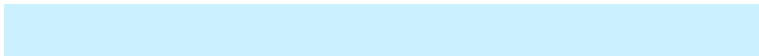
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



88.0924, 0.3399, 0.2778



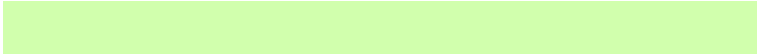
88.0924, 0.3305, 0.4184



88.0924, 0.2474, 0.2484

Square

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



88.0924, 0.3305, 0.4184



88.0924, 0.2225, 0.2930



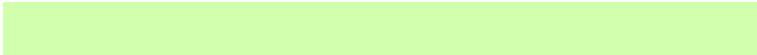
88.0924, 0.2886, 0.2550



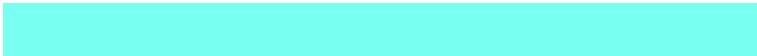
88.0924, 0.4122, 0.3520

Rectangle

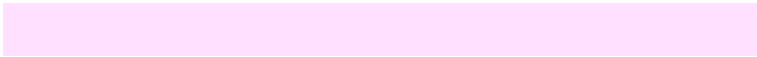
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



88.0924, 0.3305, 0.4184



88.0924, 0.2534, 0.3581



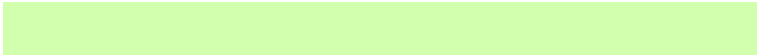
88.0924, 0.2886, 0.2550



88.0924, 0.3727, 0.2998

Sweetspot

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



88.0845, 0.3305, 0.4184



95.8495, 0.3185, 0.3544



74.4709, 0.3724, 0.3754



20.3979, 0.3193, 0.3582



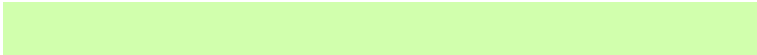
0.0000, 0.0000, 0.0000



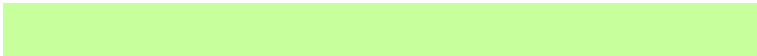
21.4041, 0.3127, 0.3290

Same Dimension

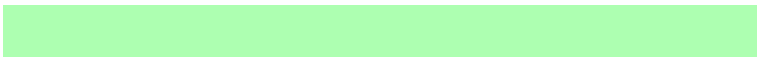
The Same Dimension uses a secret algorithm to generate beautiful new colors.



88.0845, 0.3305, 0.4184



86.0675, 0.3336, 0.4396



83.5820, 0.3061, 0.4198



20.5577, 0.3182, 0.3531



39.2483, 0.3285, 0.5774



3.8848, 0.3372, 0.5704

Inverse Universe

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



52.1736, 0.2883, 0.2418



44.7545, 0.2816, 0.2217



58.1045, 0.3196, 0.2524



17.8809, 0.3067, 0.3051



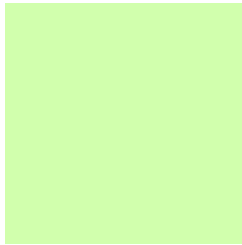
6.9237, 0.2146, 0.0956



0.7388, 0.2262, 0.1019

Previews

White Background



This preview shows how the Yxy color 88.0924, 0.3305, 0.4184 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 88.0924, 0.3305, 0.4184 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

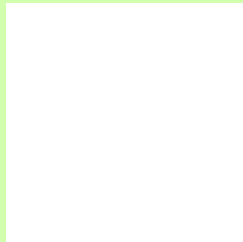
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 88.0924, 0.3305, 0.4184

Background



This preview shows how black text looks on a background with the Yxy color 88.0924, 0.3305, 0.4184.

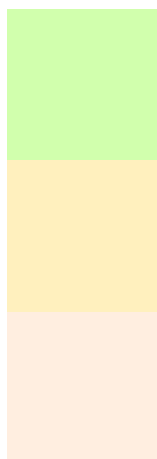


This preview shows how white text looks on a background with the Yxy color 88.0924, 0.3305, 0.4184.

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

88.0924, 0.3305, 0.4184

Protanopia

87.2979, 0.3548, 0.3791

Deuteranopia

87.7909, 0.3330, 0.3429



Tritanopia

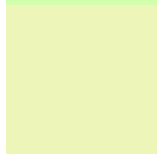
87.9792, 0.2968, 0.3169

Trichromacy



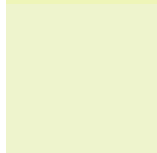
Original Color

88.0924, 0.3305, 0.4184



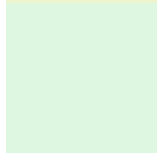
Protanomaly

86.9427, 0.3455, 0.3923



Deuteranomaly

87.2863, 0.3326, 0.3693



Tritanomaly

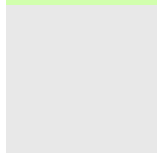
87.4874, 0.3097, 0.3520

Monochromacy



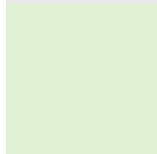
Original Color

88.0924, 0.3305, 0.4184



Achromatopsia

80.6952, 0.3127, 0.3290



Achromatomaly

82.8706, 0.3199, 0.3599

CSS Examples

Text

The CSS property to change the color of the text to Yxy 88.0924, 0.3305, 0.4184 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(209, 255, 173)` looks like.

```
.text, #text, p{  
    color:rgb(209, 255, 173)  
}
```

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(209, 255, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 255, 173) }
```

Border

The CSS property to change the border of an element to Yxy 88.0924, 0.3305, 0.4184 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(209, 255, 173) }
```

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

```
.border{ border-color:rgb(209, 255, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 255, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 255, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 255, 173);  
box-shadow:4px 4px 4px 4px rgb(209, 255,  
173) }
```


Background

The CSS property to change the background color of an element to Yxy 88.0924, 0.3305, 0.4184 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 255, 173) }
```

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

```
.background{ background-color: rgb(209,  
255, 173) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor