

Converting Colors

Yxy(88.8912, 0.3254, 0.4051)

Have a look what the booklet for
Yxy(88.8912, 0.3254, 0.4051)
contains.

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Color

Yxy(88.8717, 0.3251, 0.4048)

Conversions

Conversions Part 1

Format	Color
Hex	D3FFB9
RGB	211, 255, 185
RGB Percent	83%, 100%, 73%
CMY	0.1727, 0.0000, 0.2744
CMYK	0.17, 0.00, 0.27, 0.00
HSL	98°, 100%, 86%
HSV	98°, 27%, 100%
XYZ	71.3740, 88.8717, 59.2990
YIQ	233.8640, -3.7540, -31.0980

Conversions

Conversions Part 2

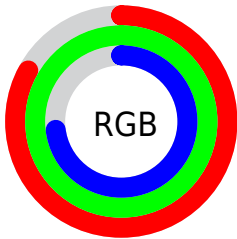
Format	Color
RYB	185, 255, 229
Decimal	13893561
CIELab	95.53, -26.25, 28.96
CIELCh	96, 39.087, 132.190
Yxy	88.8717, 0.3251, 0.4048
Android (android.graphics.Color)	4292083641 (0xFFD3FFB9)
YUV	233.8640, -24.0900, -20.0517
Hunter-Lab	94.2718, -29.8317, 28.6955

Details

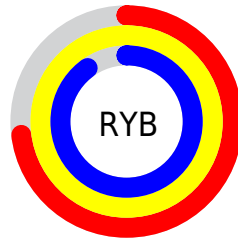
The Yxy color **88.8717, 0.3251, 0.4048** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **58.5919, 0.2962, 0.2562**, and the grayscale version is **82.3507, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.1309, 0.3209, 0.3425**, and **49.0948, 0.3275, 0.4231** is the 20% darker color. If you saturate the color by 10%, you get **85.6321, 0.3287, 0.4361**, and if you desaturate by 10%, it is **92.5312, 0.3208, 0.3751**.

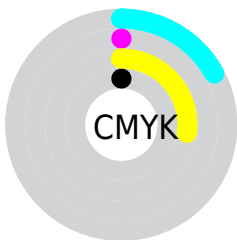
Distribution



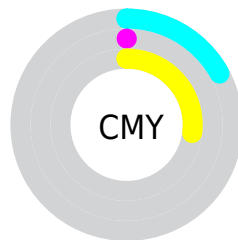
- Red (83%)
- Green (100%)
- Blue (73%)



- Red (73%)
- Yellow (100%)
- Blue (90%)



- Cyan (17%)
- Magenta (0%)
- Yellow (27%)
- Black (0%)





- Cyan (17%)
- Magenta (0%)
- Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 88.8717, 0.3251, 0.4048 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 88.8717, 0.3251, 0.4048 by changing the saturation by 10% instead.


 88.8717, 0.3251,
0.4048

 88.8717, 0.3251,
0.4048


524.3537, 0.3204,
0.3696

 67.0452, 0.3259,
0.4128


 145.7701, 0.3237,
0.3926

 49.1214, 0.3268,
0.4227


181.6109, 0.3231,
0.3878

 34.7158, 0.3277,
0.4352


222.8919, 0.3225,
0.3838

 23.4440, 0.3285,
0.4514

269.9974, 0.3220,
0.3802

 14.9217, 0.3289,
0.4731

323.3120, 0.3216,
0.3771

 8.7645, 0.3283,
0.5037

383.2200, 0.3211,

 4.5879, 0.3244,

0.3743

0.5493

450.1057, 0.3208,
0.3718

■ 2.0075, 0.3330,
0.6670

■ 0.6118, 0.0000,
1.0000

■ 88.8717, 0.3251,
0.4048

■ 88.8717, 0.3251,
0.4048

■ 85.6321, 0.3287,
0.4361

■ 92.5312, 0.3208,
0.3751


■ 82.8099, 0.3314,
0.4681


■ 96.6415, 0.3162,
0.3477


■ 80.3817, 0.3328,
0.4994


100.0000, 0.3127,
0.3290

■ 78.3273, 0.3324,
0.5280

 76.6245, 0.3303,
0.5522

 75.2480, 0.3263,
0.5704

 74.1667, 0.3210,
0.5821

 73.9283, 0.3196,
0.5844

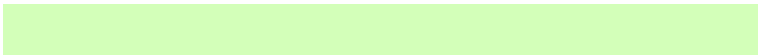
Harmonies

Analogous

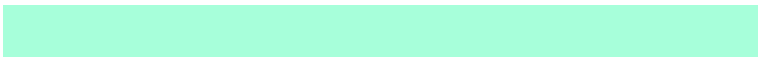
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



88.8717, 0.3664, 0.4061



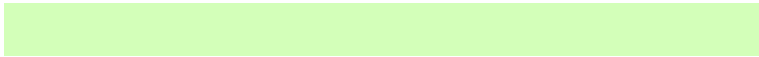
88.8717, 0.3251, 0.4048



88.8717, 0.2822, 0.3781

Triad

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



88.8717, 0.3251, 0.4048



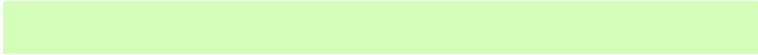
88.8717, 0.2361, 0.2679



88.8717, 0.3795, 0.3174

Complementary

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



88.8717, 0.3251, 0.4048



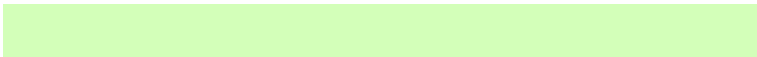
58.5919, 0.2962, 0.2562

Split Complementary

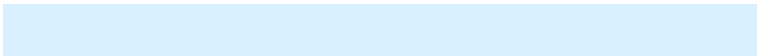
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



88.8717, 0.3403, 0.2862



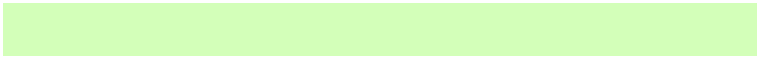
88.8717, 0.3251, 0.4048



88.8717, 0.2581, 0.2580

Square

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



88.8717, 0.3251, 0.4048



88.8717, 0.2329, 0.2952



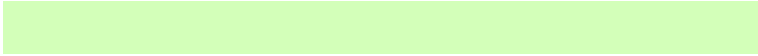
88.8717, 0.2954, 0.2650



88.8717, 0.3997, 0.3529

Rectangle

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



88.8717, 0.3251, 0.4048



88.8717, 0.2585, 0.3507



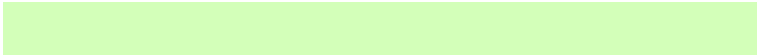
88.8717, 0.2954, 0.2650



88.8717, 0.3680, 0.3063

Sweetspot

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



88.8668, 0.3251, 0.4048



96.4012, 0.3165, 0.3492



80.3456, 0.3611, 0.3729



20.4961, 0.3172, 0.3532



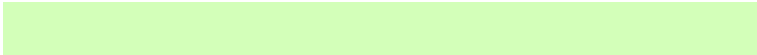
0.0000, 0.0000, 0.0000



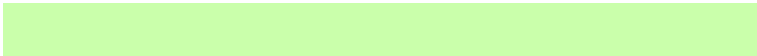
21.4041, 0.3127, 0.3290

Same Dimension

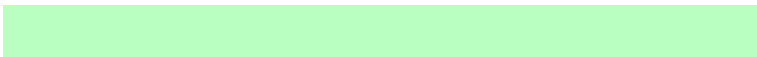
The Same Dimension uses a secret algorithm to generate beautiful new colors.



88.8668, 0.3251, 0.4048



87.0178, 0.3272, 0.4221



85.6947, 0.3046, 0.3990



20.4961, 0.3172, 0.3532



38.7067, 0.3208, 0.5835



3.8284, 0.3295, 0.5766

Inverse Universe

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



58.5919, 0.2962, 0.2562



52.1049, 0.2919, 0.2404



62.6702, 0.3220, 0.2678



17.9441, 0.3078, 0.3051



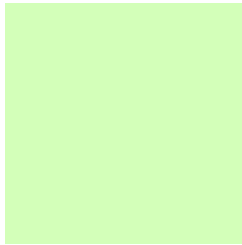
7.7904, 0.2295, 0.1038



0.8208, 0.2399, 0.1095

Previews

White Background



This preview shows how the Yxy color 88.8717, 0.3251, 0.4048 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 88.8717, 0.3251, 0.4048 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

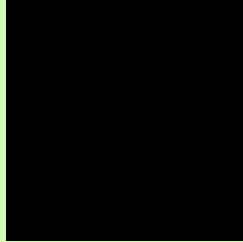
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

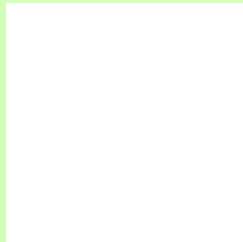
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 88.8717, 0.3251, 0.4048

Background



This preview shows how black text looks on a background with the Yxy color 88.8717, 0.3251, 0.4048.

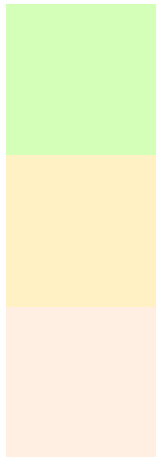


This preview shows how white text looks on a background with the Yxy color 88.8717, 0.3251, 0.4048.

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

88.8717, 0.3251, 0.4048

Protanopia

88.1561, 0.3507, 0.3740

Deuteranopia

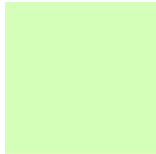
88.5391, 0.3310, 0.3409



Tritanopia

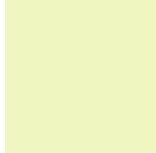
88.3101, 0.2981, 0.3169

Trichromacy



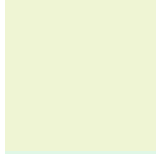
Original Color

88.8717, 0.3251, 0.4048



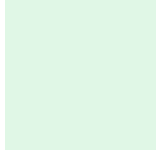
Protanomaly

88.0680, 0.3411, 0.3848



Deuteranomaly

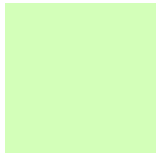
88.4090, 0.3289, 0.3628



Tritanomaly

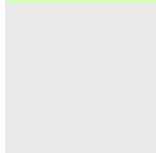
88.0820, 0.3081, 0.3466

Monochromacy



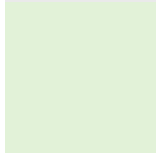
Original Color

88.8717, 0.3251, 0.4048



Achromatopsia

82.2786, 0.3127, 0.3290



Achromatomaly

84.6309, 0.3180, 0.3564

CSS Examples

Text

The CSS property to change the color of the text to Yxy 88.8717, 0.3251, 0.4048 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(211, 255, 185)` looks like.

```
.text, #text, p{  
    color:rgb(211, 255, 185)  
}
```

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(211, 255, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 255, 185) }
```

Border

The CSS property to change the border of an element to Yxy 88.8717, 0.3251, 0.4048 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(211, 255, 185) }
```

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

```
.border{ border-color:rgb(211, 255, 185) }
```

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

Here you see how a box with a 4 pixel `rgb(211, 255, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 255, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 255, 185);  
box-shadow:4px 4px 4px 4px rgb(211, 255,  
185) }
```


Background

The CSS property to change the background color of an element to Yxy 88.8717, 0.3251, 0.4048 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 255, 185) }
```

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

```
.background{ background-color: rgb(211,  
255, 185) }
```

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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