

Converting Colors

$Yxy(88.7051, 0.3274, 0.4092)$

Have a look what the booklet for
Yxy(88.7051, 0.3274, 0.4092)
contains.

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Color

Yxy(88.7051, 0.3274, 0.4092)

Conversions

Conversions Part 1

Format	Color
Hex	D3FFB5
RGB	211, 255, 181
RGB Percent	83%, 100%, 71%
CMY	0.1724, 0.0000, 0.2902
CMYK	0.17, 0.00, 0.29, 0.00
HSL	96°, 100%, 85%
HSV	96°, 29%, 100%
XYZ	70.9728, 88.7051, 57.0990
YIQ	233.4080, -2.4700, -32.3420

Conversions

Conversions Part 2

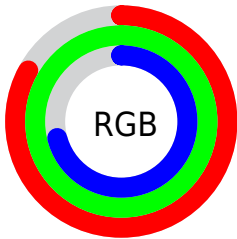
Format	Color
RYB	181, 255, 225
Decimal	13893557
CIELab	95.46, -26.80, 30.89
CIELCh	95, 40.894, 130.952
Yxy	88.7051, 0.3274, 0.4092
Android (android.graphics.Color)	4292083637 (0xFFD3FFB5)
YUV	233.4080, -25.8371, -19.6518
Hunter-Lab	94.1834, -30.3106, 29.9836

Details

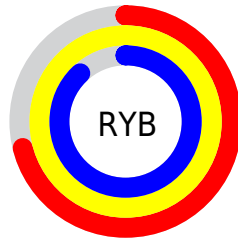
The Yxy color **88.7051, 0.3274, 0.4092** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **56.2717, 0.2931, 0.2513**, and the grayscale version is **82.0163, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.8944, 0.3232, 0.3464**, and **49.0146, 0.3295, 0.4273** is the 20% darker color. If you saturate the color by 10%, you get **85.6224, 0.3315, 0.4404**, and if you desaturate by 10%, it is **92.1979, 0.3226, 0.3795**.

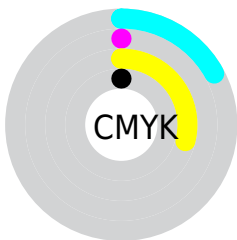
Distribution



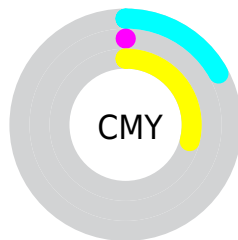
- Red (83%)
- Green (100%)
- Blue (71%)



- Red (71%)
- Yellow (100%)
- Blue (88%)



- Cyan (17%)
- Magenta (0%)
- Yellow (29%)
- Black (0%)





- Cyan (17%)
- Magenta (0%)
- Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 88.7051, 0.3274, 0.4092 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 88.7051, 0.3274, 0.4092 by changing the saturation by 10% instead.


 88.7051, 0.3274,
0.4092

 88.7051, 0.3274,
0.4092


523.8095, 0.3218,
0.3719

 66.9072, 0.3284,
0.4177


 145.5384, 0.3257,
0.3963

 49.0092, 0.3295,
0.4281


181.3426, 0.3250,
0.3913

 34.6268, 0.3306,
0.4413


222.5843, 0.3243,
0.3869

 23.3755, 0.3316,
0.4584

269.6479, 0.3237,
0.3831

 14.8710, 0.3322,
0.4814

322.9178, 0.3231,
0.3798

 8.7289, 0.3316,
0.5135

382.7785, 0.3227,

 4.5648, 0.3274,

0.3769

0.5609

449.6143, 0.3222,
0.3743

■ 1.9943, 0.3293,
0.6707

■ 0.6041, 0.0000,
1.0000

■ 88.7051, 0.3274,
0.4092

■ 88.7051, 0.3274,
0.4092

■ 85.6224, 0.3315,
0.4404

■ 92.1979, 0.3226,
0.3795

■ 82.9221, 0.3345,
0.4719

■ 96.1046, 0.3175,
0.3518

■ 80.5905, 0.3361,
0.5022

99.9980, 0.3127,
0.3290

■ 78.6085, 0.3358,
0.5298

■ 76.9548, 0.3336,
0.5527

■ 75.6050, 0.3295,
0.5696

■ 74.5262, 0.3240,
0.5805

■ 74.4313, 0.3235,
0.5814

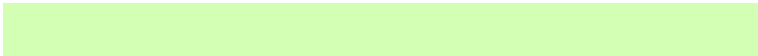
Harmonies

Analogous

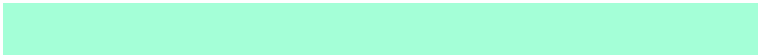
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



88.7051, 0.3703, 0.4091



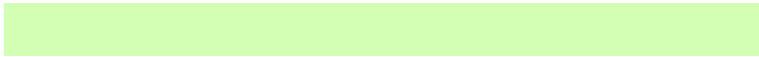
88.7051, 0.3274, 0.4092



88.7051, 0.2825, 0.3822

Triad

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



88.7051, 0.3274, 0.4092



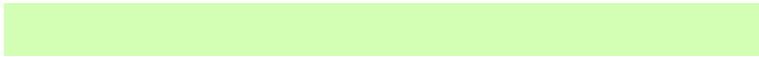
88.7051, 0.2323, 0.2659



88.7051, 0.3813, 0.3153

Complementary

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



88.7051, 0.3274, 0.4092



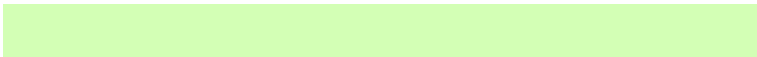
56.2717, 0.2931, 0.2513

Split Complementary

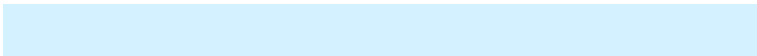
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



88.7051, 0.3396, 0.2832



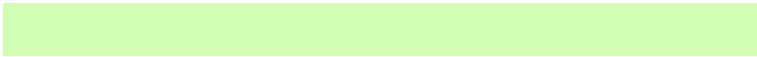
88.7051, 0.3274, 0.4092



88.7051, 0.2543, 0.2550

Square

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



88.7051, 0.3274, 0.4092



88.7051, 0.2297, 0.2950



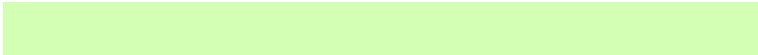
88.7051, 0.2927, 0.2617



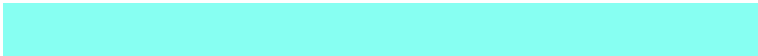
88.7051, 0.4035, 0.3522

Rectangle

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



88.7051, 0.3274, 0.4092



88.7051, 0.2573, 0.3536



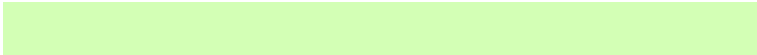
88.7051, 0.2927, 0.2617



88.7051, 0.3689, 0.3038

Sweetspot

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



88.7089, 0.3274, 0.4092



96.1142, 0.3175, 0.3518



77.9971, 0.3649, 0.3731



20.4450, 0.3182, 0.3557



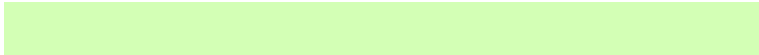
0.0000, 0.0000, 0.0000



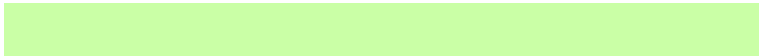
21.4041, 0.3127, 0.3290

Same Dimension

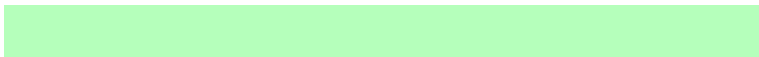
The Same Dimension uses a secret algorithm to generate beautiful new colors.



88.7089, 0.3274, 0.4092



86.8172, 0.3300, 0.4277



84.9376, 0.3055, 0.4066



20.5280, 0.3177, 0.3531



38.9747, 0.3246, 0.5805



3.8566, 0.3334, 0.5735

Inverse Universe

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



56.2717, 0.2931, 0.2513



49.4266, 0.2879, 0.2341



61.1385, 0.3208, 0.2620



17.9112, 0.3073, 0.3051



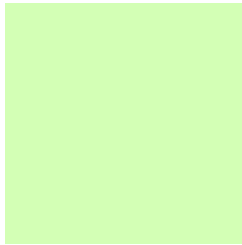
7.3248, 0.2217, 0.0995



0.7770, 0.2327, 0.1055

Previews

White Background



This preview shows how the Yxy color 88.7051, 0.3274, 0.4092 looks on a white background.

Color Contrast Check

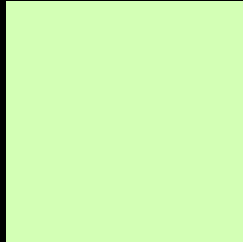
Large Text (above 18pt) WCAG AA × Fail

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 88.7051, 0.3274, 0.4092 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

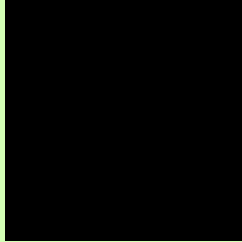
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

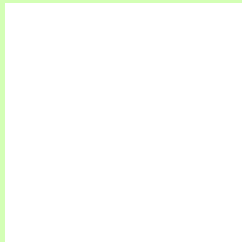
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 88.7051, 0.3274, 0.4092

Background



This preview shows how black text looks on a background with the Yxy color 88.7051, 0.3274, 0.4092.

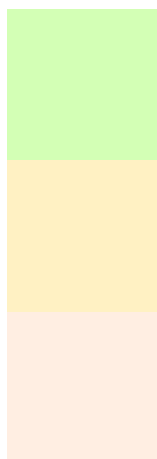


This preview shows how white text looks on a background with the Yxy color 88.7051, 0.3274, 0.4092.

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

88.7051, 0.3274, 0.4092

Protanopia

88.1107, 0.3513, 0.3750

Deuteranopia

87.9001, 0.3317, 0.3409



Tritanopia

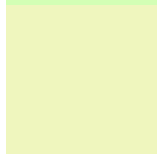
88.3101, 0.2981, 0.3169

Trichromacy



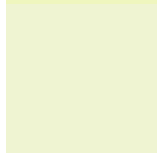
Original Color

88.7051, 0.3274, 0.4092



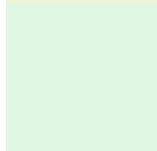
Protanomaly

87.9800, 0.3423, 0.3869



Deuteranomaly

87.7052, 0.3302, 0.3639



Tritanomaly

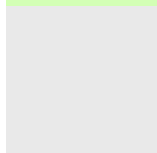
87.9703, 0.3092, 0.3488

Monochromacy



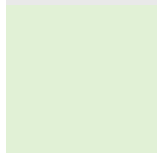
Original Color

88.7051, 0.3274, 0.4092



Achromatopsia

81.4847, 0.3127, 0.3290



Achromatomaly

83.7732, 0.3186, 0.3576

CSS Examples

Text

The CSS property to change the color of the text to Yxy 88.7051, 0.3274, 0.4092 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, 181)` looks like.

```
.text, #text, p{  
    color:rgb(211, 255, 181)  
}
```

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, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 255, 181) }
```

Border

The CSS property to change the border of an element to Yxy 88.7051, 0.3274, 0.4092 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, 181) }
```

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

```
.border{ border-color:rgb(211, 255, 181) }
```

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, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 255, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 255, 181);  
box-shadow:4px 4px 4px 4px rgb(211, 255,  
181) }
```


Background

The CSS property to change the background color of an element to Yxy 88.7051, 0.3274, 0.4092 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, 181) }
```

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

```
.background{ background-color: rgb(211,  
255, 181) }
```

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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