

Converting Colors

Yxy(88.1984, 0.3270, 0.4124)

Have a look what the booklet for
Yxy(88.1984, 0.3270, 0.4124)
contains.

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Color

Yxy(88.1846, 0.3266, 0.4119)

Conversions

Conversions Part 1

Format	Color
Hex	D0FFB3
RGB	208, 255, 179
RGB Percent	82%, 100%, 70%
CMY	0.1841, 0.0000, 0.2980
CMYK	0.18, 0.00, 0.30, 0.00
HSL	97°, 100%, 85%
HSV	97°, 30%, 100%
XYZ	69.9225, 88.1846, 55.9851
YIQ	232.2830, -3.6160, -33.6000

Conversions

Conversions Part 2

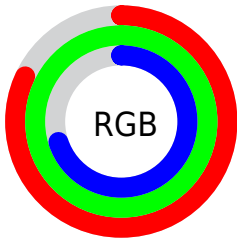
Format	Color
RYB	179, 255, 226
Decimal	13696947
CIELab	95.24, -28.11, 31.56
CIElCh	95, 42.267, 131.687
Yxy	88.1846, 0.3266, 0.4119
Android (android.graphics.Color)	4291887027 (0xFFD0FFB3)
YUV	232.2830, -26.2685, -21.2962
Hunter-Lab	93.9067, -31.4262, 30.3872

Details

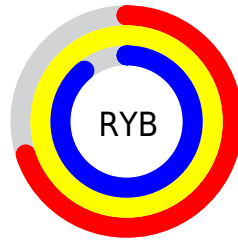
The Yxy color **88.1846, 0.3266, 0.4119** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **55.6193, 0.2938, 0.2494**, and the grayscale version is **81.1324, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.7782, 0.3244, 0.3483**, and **48.6668, 0.3285, 0.4309** is the 20% darker color. If you saturate the color by 10%, you get **85.0788, 0.3302, 0.4434**, and if you desaturate by 10%, it is **91.7154, 0.3223, 0.3819**.

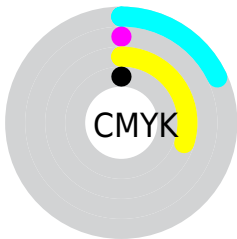
Distribution



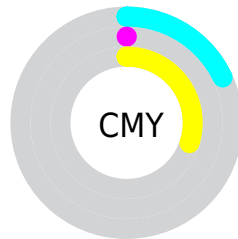
- Red (82%)
- Green (100%)
- Blue (70%)



- Red (70%)
- Yellow (100%)
- Blue (89%)



- Cyan (18%)
- Magenta (0%)
- Yellow (30%)
- Black (0%)





- Cyan (18%)
- Magenta (0%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 88.1846, 0.3266, 0.4119 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 88.1846, 0.3266, 0.4119 by changing the saturation by 10% instead.


 88.1846, 0.3266,
0.4119

 88.1846, 0.3266,
0.4119


522.1076, 0.3214,
0.3733

 66.4760, 0.3275,
0.4207


 144.8141, 0.3250,
0.3985

 48.6589, 0.3284,
0.4316


180.5038, 0.3244,
0.3933

 34.3490, 0.3293,
0.4453


221.6226, 0.3238,
0.3888

 23.1618, 0.3300,
0.4631

268.5550, 0.3232,
0.3849

 14.7130, 0.3302,
0.4871

321.6853, 0.3227,
0.3815

 8.6182, 0.3289,
0.5206

381.3978, 0.3222,

 4.4930, 0.3235,

0.3784

0.5704

448.0772, 0.3218,
0.3757

1.9530, 0.3201,
0.6799

0.5799, 0.0000,
1.0000

88.1846, 0.3266,
0.4119

88.1846, 0.3266,
0.4119

85.0788, 0.3302,
0.4434

91.7154, 0.3223,
0.3819

82.3696, 0.3328,
0.4752

95.6759, 0.3175,
0.3539

80.0423, 0.3339,
0.5058

99.9944, 0.3127,
0.3290

78.0767, 0.3333,
0.5334

■ 76.4506, 0.3308,
0.5561

■ 75.1382, 0.3265,
0.5727

■ 74.1028, 0.3210,
0.5833

■ 74.0842, 0.3209,
0.5834

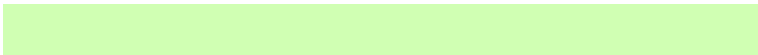
Harmonies

Analogous

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



88.1846, 0.3712, 0.4123



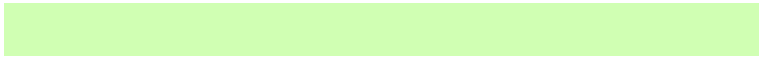
88.1846, 0.3266, 0.4119



88.1846, 0.2803, 0.3833

Triad

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



88.1846, 0.3266, 0.4119



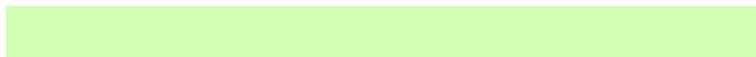
88.1846, 0.2300, 0.2632



88.1846, 0.3846, 0.3157

Complementary

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



88.1846, 0.3266, 0.4119



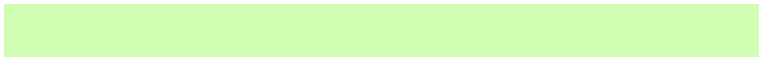
55.6193, 0.2938, 0.2494

Split Complementary

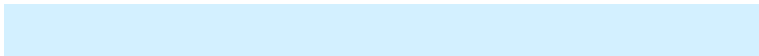
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



88.1846, 0.3416, 0.2824



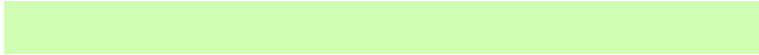
88.1846, 0.3266, 0.4119



88.1846, 0.2532, 0.2526

Square

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



88.1846, 0.3266, 0.4119



88.1846, 0.2268, 0.2927



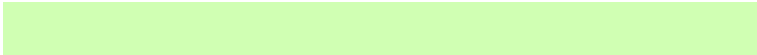
88.1846, 0.2931, 0.2599



88.1846, 0.4070, 0.3537

Rectangle

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



88.1846, 0.3266, 0.4119



88.1846, 0.2546, 0.3532



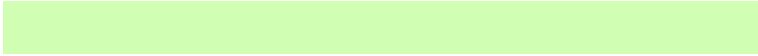
88.1846, 0.2931, 0.2599



88.1846, 0.3719, 0.3037

Sweetspot

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



88.1884, 0.3266, 0.4119



96.0193, 0.3171, 0.3518



78.8315, 0.3658, 0.3768



20.4217, 0.3178, 0.3557



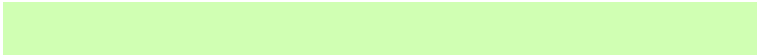
0.0000, 0.0000, 0.0000



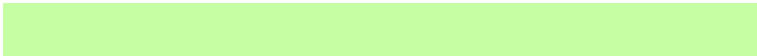
21.4041, 0.3127, 0.3290

Same Dimension

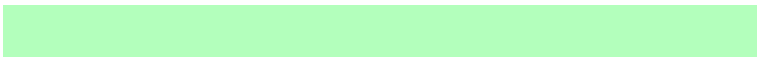
The Same Dimension uses a secret algorithm to generate beautiful new colors.



88.1884, 0.3266, 0.4119



86.2190, 0.3290, 0.4313



84.7239, 0.3039, 0.4061



20.5067, 0.3174, 0.3532



38.7927, 0.3220, 0.5825



3.8375, 0.3307, 0.5756

Inverse Universe

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



55.6193, 0.2938, 0.2494



48.6845, 0.2887, 0.2317



60.1620, 0.3229, 0.2625



17.9332, 0.3076, 0.3051



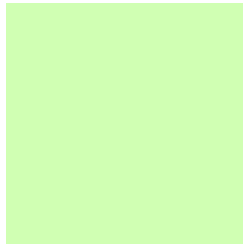
7.6319, 0.2269, 0.1024



0.8059, 0.2374, 0.1082

Previews

White Background



This preview shows how the Yxy color 88.1846, 0.3266, 0.4119 looks on a white background.

Color Contrast Check

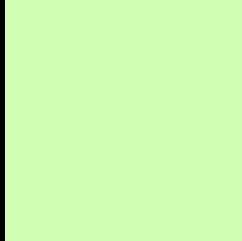
Large Text (above 18pt) WCAG AA × Fail

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 88.1846, 0.3266, 0.4119 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

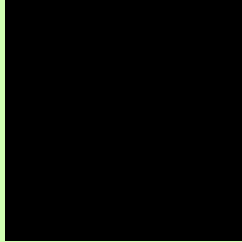
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

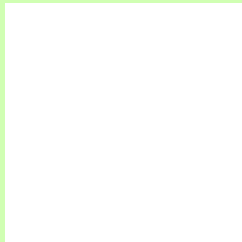
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 88.1846, 0.3266, 0.4119

Background



This preview shows how black text looks on a background with the Yxy color 88.1846, 0.3266, 0.4119.

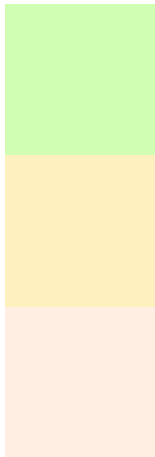


This preview shows how white text looks on a background with the Yxy color 88.1846, 0.3266, 0.4119.

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

88.1846, 0.3266, 0.4119

Protanopia

87.9322, 0.3539, 0.3791

Deuteranopia

87.8453, 0.3324, 0.3419



Tritanopia

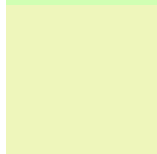
87.9792, 0.2968, 0.3169

Trichromacy



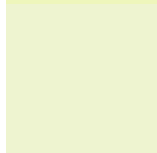
Original Color

88.1846, 0.3266, 0.4119



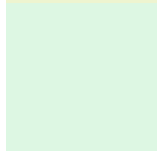
Protanomaly

87.6765, 0.3435, 0.3901



Deuteranomaly

87.4326, 0.3308, 0.3661



Tritanomaly

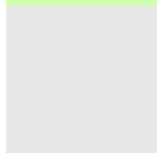
87.4397, 0.3079, 0.3499

Monochromacy



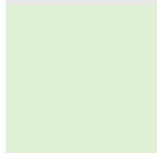
Original Color

88.1846, 0.3266, 0.4119



Achromatopsia

80.6952, 0.3127, 0.3290



Achromatomaly

82.8122, 0.3180, 0.3578

CSS Examples

Text

The CSS property to change the color of the text to Yxy 88.1846, 0.3266, 0.4119 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(208, 255, 179)` looks like.

```
.text, #text, p{  
    color:rgb(208, 255, 179)  
}
```

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(208, 255, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 255, 179) }
```

Border

The CSS property to change the border of an element to Yxy 88.1846, 0.3266, 0.4119 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(208, 255, 179) }
```

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

```
.border{ border-color:rgb(208, 255, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(208, 255, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(208, 255, 179); -webkit-box-shadow:4px 4px 4px 4px rgb(208, 255, 179); box-shadow:4px 4px 4px 4px rgb(208, 255, 179) }
```


Background

The CSS property to change the background color of an element to Yxy 88.1846, 0.3266, 0.4119 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 255, 179) }
```

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

```
.background{ background-color: rgb(208,  
255, 179) }
```

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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