

Converting Colors

$Yxy(88.3852, 0.3237, 0.4064)$

Have a look what the booklet for
Yxy(88.3852, 0.3237, 0.4064)
contains.

Yxy(88.3906, 0.3238, 0.4064)	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(88.3906, 0.3238, 0.4064)

Conversions

Conversions Part 1

Format	Color
Hex	D0FFB8
RGB	208, 255, 184
RGB Percent	82%, 100%, 72%
CMY	0.1842, 0.0000, 0.2785
CMYK	0.18, 0.00, 0.28, 0.00
HSL	100°, 100%, 86%
HSV	100°, 28%, 100%
XYZ	70.4254, 88.3906, 58.6806
YIQ	232.8530, -5.2210, -32.0450

Conversions

Conversions Part 2

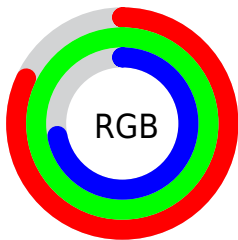
Format	Color
RYB	184, 255, 231
Decimal	13696952
CIELab	95.33, -27.40, 29.18
CIELCh	95, 40.032, 133.200
Yxy	88.3906, 0.3238, 0.4064
Android (android.graphics.Color)	4291887032 (0xFFD0FFB8)
YUV	232.8530, -24.0845, -21.7961
Hunter-Lab	94.0163, -30.8183, 28.8053

Details

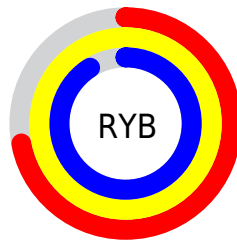
The Yxy color **88.3906, 0.3238, 0.4064** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **58.4712, 0.2976, 0.2554**, and the grayscale version is **81.5580, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.0713, 0.3214, 0.3434**, and **48.7722, 0.3257, 0.4252** is the 20% darker color. If you saturate the color by 10%, you get **85.1009, 0.3269, 0.4381**, and if you desaturate by 10%, it is **92.1361, 0.3201, 0.3764**.

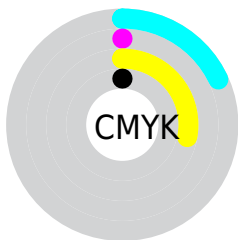
Distribution



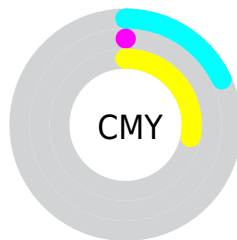
- Red (82%)
- Green (100%)
- Blue (72%)



- Red (72%)
- Yellow (100%)
- Blue (91%)



- Cyan (18%)
- Magenta (0%)
- Yellow (28%)
- Black (0%)




- Cyan (18%)
- Magenta (0%)
- Yellow (28%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 88.3906, 0.3238, 0.4064 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 88.3906, 0.3238, 0.4064 by changing the saturation by 10% instead.


 88.3906, 0.3238,
0.4064

 88.3906, 0.3238,
0.4064


522.7815, 0.3197,
0.3704

 66.6466, 0.3245,
0.4146


 145.1008, 0.3226,
0.3939

 48.7975, 0.3252,
0.4248


180.8359, 0.3221,
0.3890

 34.4589, 0.3258,
0.4376


222.0033, 0.3216,
0.3848

 23.2463, 0.3263,
0.4543

268.9877, 0.3212,
0.3812

 14.7755, 0.3263,
0.4767

322.1733, 0.3207,
0.3780

 8.6620, 0.3250,
0.5084

381.9445, 0.3204,

 4.5214, 0.3199,

0.3752

0.5556

448.6858, 0.3200,
0.3726

■ 1.9693, 0.3249,
0.6751

■ 0.5895, 0.0000,
1.0000

■ 88.3906, 0.3238,
0.4064

■ 88.3906, 0.3238,
0.4064

■ 85.1009, 0.3269,
0.4381

■ 92.1361, 0.3201,
0.3764

■ 82.2440, 0.3290,
0.4706

■ 96.3502, 0.3160,
0.3488

■ 79.8016, 0.3299,
0.5022

100.0000, 0.3127,
0.3290

■ 77.7521, 0.3292,
0.5311

■ 76.0716, 0.3268,
0.5555

■ 74.7331, 0.3227,
0.5736

■ 73.7030, 0.3175,
0.5850

■ 73.5140, 0.3164,
0.5870

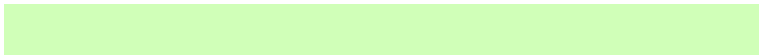
Harmonies

Analogous

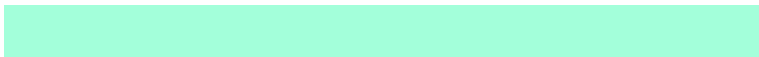
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



88.3906, 0.3665, 0.4084



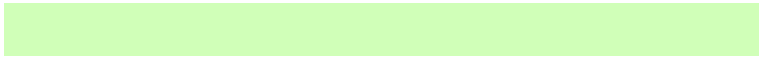
88.3906, 0.3238, 0.4064



88.3906, 0.2800, 0.3782

Triad

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



88.3906, 0.3238, 0.4064



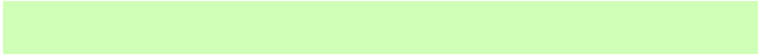
88.3906, 0.2347, 0.2657



88.3906, 0.3824, 0.3183

Complementary

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



88.3906, 0.3238, 0.4064



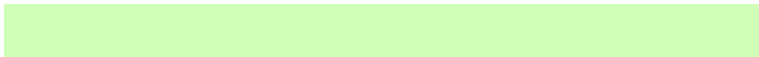
58.4712, 0.2976, 0.2554

Split Complementary

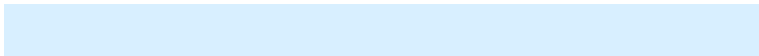
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



88.3906, 0.3425, 0.2861



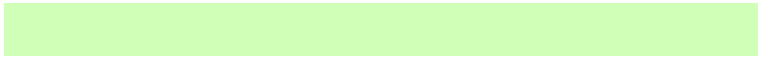
88.3906, 0.3238, 0.4064



88.3906, 0.2578, 0.2563

Square

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



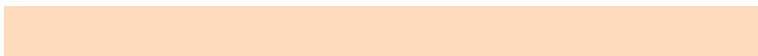
88.3906, 0.3238, 0.4064



88.3906, 0.2307, 0.2931



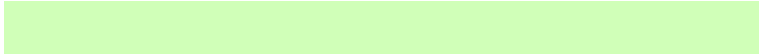
88.3906, 0.2964, 0.2640



88.3906, 0.4023, 0.3545

Rectangle

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



88.3906, 0.3238, 0.4064



88.3906, 0.2561, 0.3497



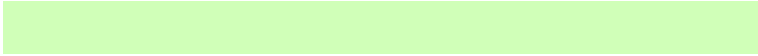
88.3906, 0.2964, 0.2640



88.3906, 0.3707, 0.3068

Sweetspot

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



88.3921, 0.3238, 0.4064



96.2850, 0.3161, 0.3492



81.3915, 0.3613, 0.3759



20.4669, 0.3167, 0.3532



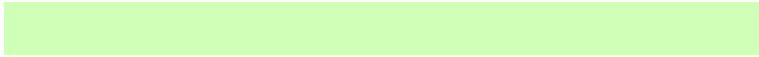
0.0000, 0.0000, 0.0000



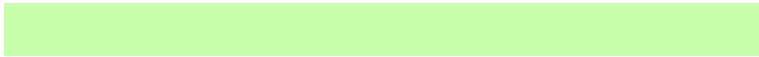
21.4041, 0.3127, 0.3290

Same Dimension

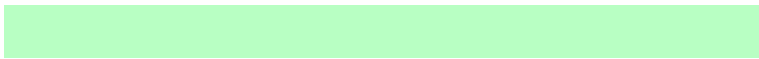
The Same Dimension uses a secret algorithm to generate beautiful new colors.



88.3921, 0.3238, 0.4064



86.6430, 0.3255, 0.4226



85.6303, 0.3032, 0.3974



20.4669, 0.3167, 0.3532



38.4859, 0.3175, 0.5861



3.8045, 0.3260, 0.5793

Inverse Universe

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



58.4712, 0.2976, 0.2554



52.5408, 0.2941, 0.2410



62.0825, 0.3240, 0.2691



17.9744, 0.3083, 0.3052



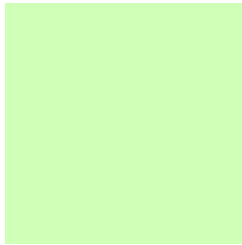
8.2467, 0.2370, 0.1079



0.8631, 0.2466, 0.1132

Previews

White Background



This preview shows how the Yxy color 88.3906, 0.3238, 0.4064 looks on a white background.

Color Contrast Check

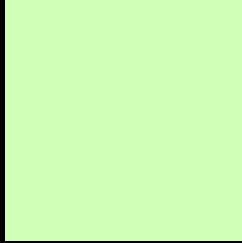
Large Text (above 18pt) WCAG AA × Fail

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 88.3906, 0.3238, 0.4064 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

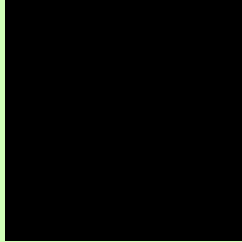
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

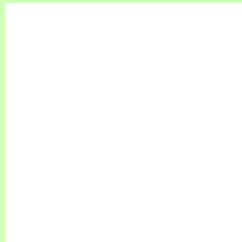
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 88.3906, 0.3238, 0.4064

Background



This preview shows how black text looks on a background with the Yxy color 88.3906, 0.3238, 0.4064.

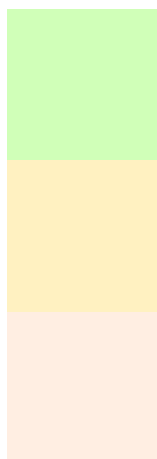


This preview shows how white text looks on a background with the Yxy color 88.3906, 0.3238, 0.4064.

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

88.3906, 0.3238, 0.4064

Protanopia

88.0208, 0.3526, 0.3771

Deuteranopia

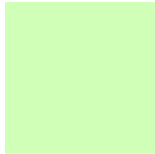
87.9001, 0.3317, 0.3409



Tritanopia

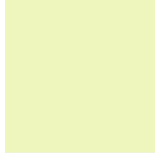
87.9792, 0.2968, 0.3169

Trichromacy



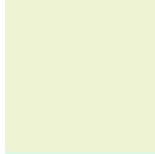
Original Color

88.3906, 0.3238, 0.4064



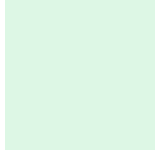
Protanomaly

87.8064, 0.3416, 0.3870



Deuteranomaly

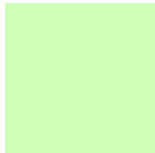
87.5817, 0.3289, 0.3630



Tritanomaly

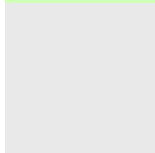
87.5508, 0.3068, 0.3478

Monochromacy



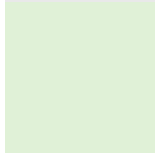
Original Color

88.3906, 0.3238, 0.4064



Achromatopsia

81.4847, 0.3127, 0.3290



Achromatomaly

83.6642, 0.3173, 0.3566

CSS Examples

Text

The CSS property to change the color of the text to Yxy 88.3906, 0.3238, 0.4064 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, 184)` looks like.

```
.text, #text, p{  
    color:rgb(208, 255, 184)  
}
```

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, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 255, 184) }
```

Border

The CSS property to change the border of an element to Yxy 88.3906, 0.3238, 0.4064 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, 184) }
```

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

```
.border{ border-color:rgb(208, 255, 184) }
```

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, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 255, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 255, 184);  
box-shadow:4px 4px 4px 4px rgb(208, 255,  
184) }
```


Background

The CSS property to change the background color of an element to Yxy 88.3906, 0.3238, 0.4064 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, 184) }
```

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

```
.background{ background-color: rgb(208,  
255, 184) }
```

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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