

Converting Colors

$Yxy(88.4178, 0.3121, 0.3894)$

Have a look what the booklet for
Yxy(88.4178, 0.3121, 0.3894)
contains.

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Color

Yxy(88.3866, 0.3117, 0.3891)

Conversions

Conversions Part 1

Format	Color
Hex	CBFFC8
RGB	203, 255, 200
RGB Percent	80%, 100%, 78%
CMY	0.2041, 0.0000, 0.2157
CMYK	0.20, 0.00, 0.22, 0.00
HSL	117°, 100%, 89%
HSV	117°, 22%, 100%
XYZ	70.8047, 88.3866, 67.9652
YIQ	233.1820, -13.3370, -28.1290

Conversions

Conversions Part 2

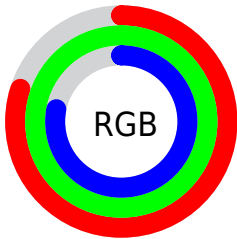
Format	Color
RYB	200, 255, 252
Decimal	13369288
CIELab	95.32, -26.59, 21.01
CIELCh	95, 33.887, 141.679
Yxy	88.3866, 0.3117, 0.3891
Android (android.graphics.Color)	4291559368 (0xFFCBFFC8)
YUV	233.1820, -16.3587, -26.4696
Hunter-Lab	94.0141, -30.0914, 22.9476

Details

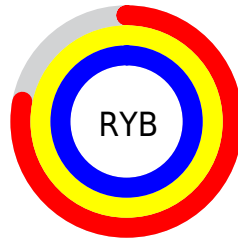
The Yxy color **88.3866, 0.3117, 0.3891** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **69.2254, 0.3131, 0.2748**, and the grayscale version is **81.7519, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **48.7594, 0.3108, 0.4030** is the 20% darker color. If you saturate the color by 10%, you get **84.1595, 0.3109, 0.4220**, and if you desaturate by 10%, it is **93.3277, 0.3123, 0.3593**.

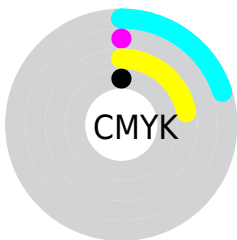
Distribution



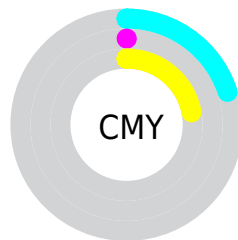
- Red (80%)
- Green (100%)
- Blue (78%)



- Red (78%)
- Yellow (100%)
- Blue (99%)



- Cyan (20%)
- Magenta (0%)
- Yellow (22%)
- Black (0%)





- Cyan (20%)
- Magenta (0%)
- Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 88.3866, 0.3117, 0.3891 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 88.3866, 0.3117, 0.3891 by changing the saturation by 10% instead.


 88.3866, 0.3117,
0.3891

 88.3866, 0.3117,
0.3891

522.7684, 0.3127,
0.3612

 66.6433, 0.3113,
0.3955


145.0953, 0.3122,
0.3794

 48.7948, 0.3108,
0.4034


180.8294, 0.3123,
0.3756

 34.4567, 0.3101,
0.4134


221.9959, 0.3124,
0.3724

 23.2447, 0.3090,
0.4264

268.9793, 0.3125,
0.3696

 14.7743, 0.3071,
0.4441

322.1638, 0.3126,
0.3671

 8.6611, 0.3039,
0.4695

381.9339, 0.3126,

 4.5208, 0.2975,

0.3649

0.5084

448.6740, 0.3127,
0.3629

1.9690, 0.2923,
0.5937

0.5893, 0.0000,
1.0000

88.3866, 0.3117,
0.3891

88.3866, 0.3117,
0.3891

84.1595, 0.3109,
0.4220

93.3277, 0.3123,
0.3593

80.6300, 0.3098,
0.4571

99.0322, 0.3127,
0.3328

77.7551, 0.3085,
0.4929

100.0000, 0.3127,
0.3290

75.4946, 0.3069,
0.5270

■ 73.8036, 0.3051,
0.5566

■ 72.6313, 0.3034,
0.5794

■ 71.9177, 0.3018,
0.5935

■ 71.6115, 0.3008,
0.5994

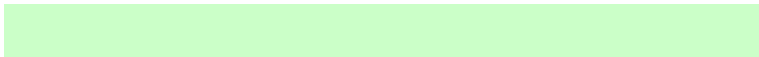
Harmonies

Analogous

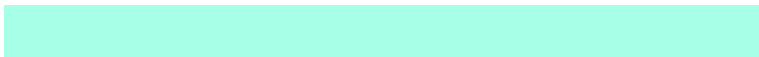
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



88.3866, 0.3492, 0.3978



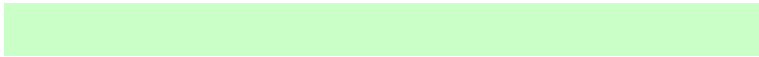
88.3866, 0.3117, 0.3891



88.3866, 0.2759, 0.3607

Triad

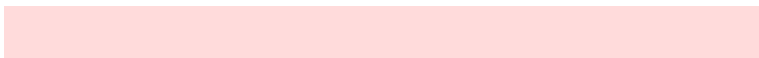
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



88.3866, 0.3117, 0.3891



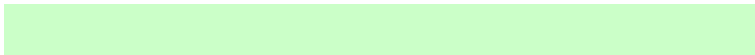
88.3866, 0.2500, 0.2713



88.3866, 0.3784, 0.3290

Complementary

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



88.3866, 0.3117, 0.3891



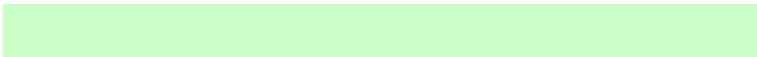
69.2254, 0.3131, 0.2748

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.



88.3866, 0.3487, 0.2995



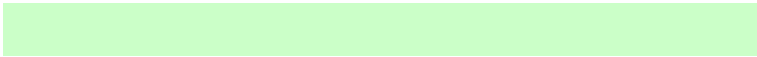
88.3866, 0.3117, 0.3891



88.3866, 0.2742, 0.2671

Square

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



88.3866, 0.3117, 0.3891



88.3866, 0.2417, 0.2909



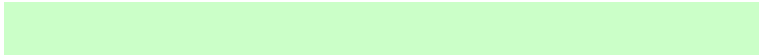
88.3866, 0.3100, 0.2774



88.3866, 0.3892, 0.3601

Rectangle

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



88.3866, 0.3117, 0.3891



88.3866, 0.2576, 0.3360



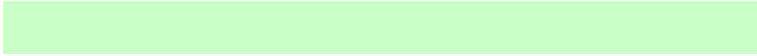
88.3866, 0.3100, 0.2774



88.3866, 0.3702, 0.3187

Sweetspot

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



88.3807, 0.3117, 0.3891



96.4109, 0.3125, 0.3441



94.6321, 0.3461, 0.3797



20.5559, 0.3125, 0.3458



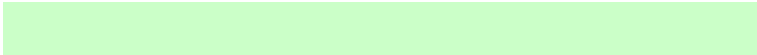
0.0000, 0.0000, 0.0000



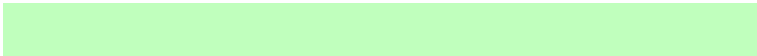
21.4041, 0.3127, 0.3290

Same Dimension

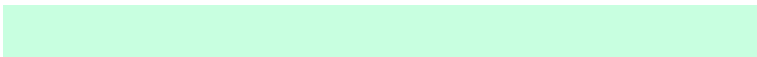
The Same Dimension uses a secret algorithm to generate beautiful new colors.



88.3807, 0.3117, 0.3891



86.4241, 0.3114, 0.4033



89.1706, 0.2969, 0.3626



20.2149, 0.3124, 0.3535



37.4374, 0.3011, 0.5991



3.6609, 0.3037, 0.5970

Inverse Universe

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



69.2254, 0.3131, 0.2748



64.0737, 0.3130, 0.2635



68.3431, 0.3325, 0.2977



18.2475, 0.3129, 0.3055



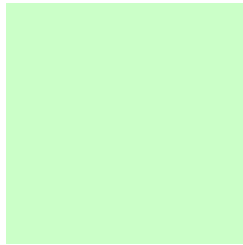
13.5873, 0.3074, 0.1467



1.3376, 0.3090, 0.1476

Previews

White Background



This preview shows how the Yxy color 88.3866, 0.3117, 0.3891 looks on a white background.

Color Contrast Check

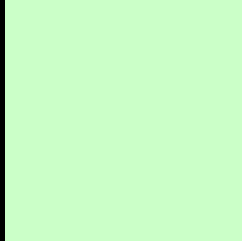
Large Text (above 18pt) WCAG AA × Fail

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 88.3866, 0.3117, 0.3891 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

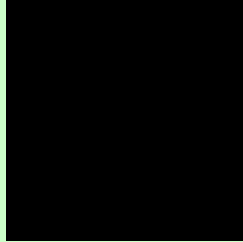
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

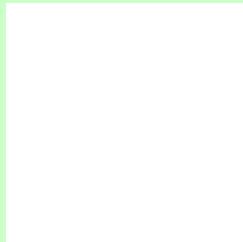
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 88.3866, 0.3117, 0.3891

Background



This preview shows how black text looks on a background with the Yxy color 88.3866, 0.3117, 0.3891.

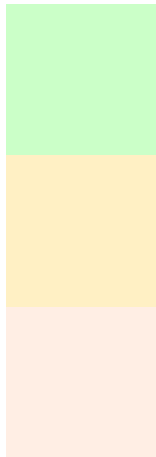


This preview shows how white text looks on a background with the Yxy color 88.3866, 0.3117, 0.3891.

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

88.3866, 0.3117, 0.3891

Protanopia

87.5657, 0.3509, 0.3731

Deuteranopia

88.0105, 0.3305, 0.3389



Tritanopia

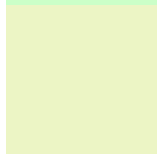
88.2523, 0.2956, 0.3179

Trichromacy



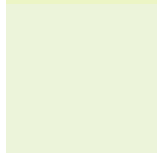
Original Color

88.3866, 0.3117, 0.3891



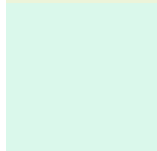
Protanomaly

87.1689, 0.3361, 0.3789



Deuteranomaly

87.5962, 0.3233, 0.3557



Tritanomaly

88.0384, 0.3014, 0.3425

Monochromacy



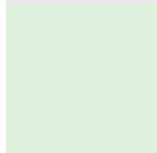
Original Color

88.3866, 0.3117, 0.3891



Achromatopsia

81.4847, 0.3127, 0.3290



Achromatomaly

83.6606, 0.3124, 0.3502

CSS Examples

Text

The CSS property to change the color of the text to Yxy 88.3866, 0.3117, 0.3891 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(203, 255, 200)` looks like.

```
.text, #text, p{  
    color:rgb(203, 255, 200)  
}
```

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(203, 255, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 255, 200) }
```

Border

The CSS property to change the border of an element to Yxy 88.3866, 0.3117, 0.3891 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(203, 255, 200) }
```

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

```
.border{ border-color:rgb(203, 255, 200) }
```

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

Here you see how a box with a 4 pixel `rgb(203, 255, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 255, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 255, 200);  
box-shadow:4px 4px 4px 4px rgb(203, 255,  
200) }
```


Background

The CSS property to change the background color of an element to Yxy 88.3866, 0.3117, 0.3891 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 255, 200) }
```

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

```
.background{ background-color: rgb(203,  
255, 200) }
```

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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