

Converting Colors

$Y_{xy}(133.4678, 0.3078, 0.4417)$

Have a look what the booklet for
Yxy(133.4678, 0.3078, 0.4417)
contains.

Yxy(88.1076, 0.3105, 0.3893)	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(88.1076, 0.3105, 0.3893)

Conversions

Conversions Part 1

Format	Color
Hex	C9FFC8
RGB	201, 255, 200
RGB Percent	79%, 100%, 78%
CMY	0.2117, 0.0000, 0.2157
CMYK	0.21, 0.00, 0.22, 0.00
HSL	119°, 100%, 89%
HSV	119°, 22%, 100%
XYZ	70.2733, 88.1076, 67.9422
YIQ	232.5840, -14.5290, -28.5530

Conversions

Conversions Part 2

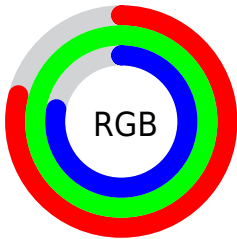
Format	Color
R_{YB}	200, 255, 254
Decimal	13238216
CIE Lab	95.21, -27.22, 20.83
CIE LCh	95, 34.273, 142.573
Yxy	88.1076, 0.3105, 0.3893
Android (android.graphics.Color)	4291428296 (0xFFC9FFC8)
YUV	232.5840, -16.0639, -27.6992
Hunter-Lab	93.8656, -30.6293, 22.7904

Details

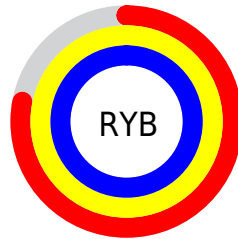
The Yxy color **88.1076, 0.3105, 0.3893** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **69.5951, 0.3145, 0.2751**, and the grayscale version is **81.2883, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **48.5745, 0.3092, 0.4034** is the 20% darker color. If you saturate the color by 10%, you get **83.8228, 0.3092, 0.4225**, and if you desaturate by 10%, it is **93.1583, 0.3116, 0.3593**.

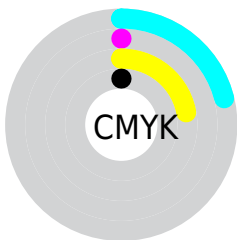
Distribution



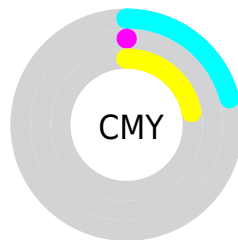
- Red (79%)
- Green (100%)
- Blue (78%)



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



- Cyan (21%)
- Magenta (0%)
- Yellow (22%)
- Black (0%)





- Cyan (21%)
- Magenta (0%)
- Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 88.1076, 0.3105, 0.3893 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 88.1076, 0.3105, 0.3893 by changing the saturation by 10% instead.

 88.1076, 0.3105,
0.3893

 88.1076, 0.3105,
0.3893

521.8555, 0.3121,
0.3613

 66.4122, 0.3100,
0.3957


144.7070, 0.3111,
0.3796

 48.6071, 0.3094,
0.4037


180.3797, 0.3114,
0.3758

 34.3079, 0.3084,
0.4137


221.4803, 0.3115,
0.3725

 23.1302, 0.3071,
0.4269

268.3932, 0.3117,
0.3697

 14.6897, 0.3049,
0.4447

321.5028, 0.3118,
0.3672

 8.6019, 0.3012,
0.4703


381.1934, 0.3119,


 4.4824, 0.2942,


0.3650


0.5098


447.8495, 0.3120,
0.3630


 1.9469, 0.2878,
0.5967


 0.5764, 0.0000,
1.0000

 88.1076, 0.3105,
0.3893


 88.1076, 0.3105,
0.3893


 83.8228, 0.3092,
0.4225


 93.1583, 0.3116,
0.3593

 80.2639, 0.3077,
0.4579

 99.0069, 0.3126,
0.3328

 77.3917, 0.3061,
0.4940

 100.0000, 0.3127,
0.3290

 75.1618, 0.3045,
0.5283

■ 73.5249, 0.3030,
0.5581

■ 72.4244, 0.3017,
0.5806

■ 71.7929, 0.3007,
0.5944

■ 71.5503, 0.3003,
0.5998

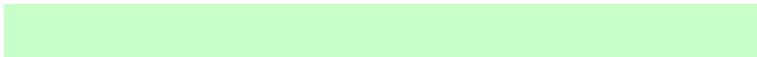
Harmonies

Analogous

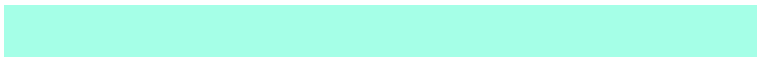
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



88.1076, 0.3486, 0.3987



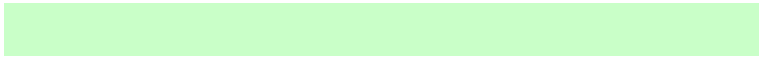
88.1076, 0.3105, 0.3893



88.1076, 0.2745, 0.3601

Triad

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



88.1076, 0.3105, 0.3893



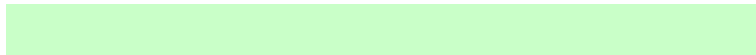
88.1076, 0.2498, 0.2702



88.1076, 0.3799, 0.3299

Complementary

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



88.1076, 0.3105, 0.3893



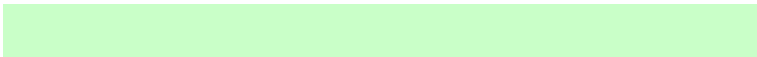
69.5951, 0.3145, 0.2751

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.



88.1076, 0.3502, 0.3000



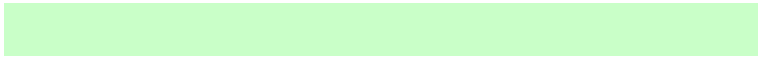
88.1076, 0.3105, 0.3893



88.1076, 0.2747, 0.2665

Square

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



88.1076, 0.3105, 0.3893



88.1076, 0.2409, 0.2896



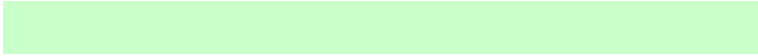
88.1076, 0.3111, 0.2774



88.1076, 0.3902, 0.3613

Rectangle

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



88.1076, 0.3105, 0.3893



88.1076, 0.2562, 0.3349



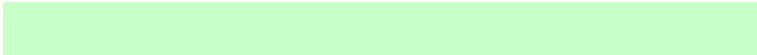
88.1076, 0.3111, 0.2774



88.1076, 0.3717, 0.3195

Sweetspot

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



88.1085, 0.3105, 0.3893



96.3155, 0.3122, 0.3441



95.7857, 0.3457, 0.3813



20.5335, 0.3121, 0.3459



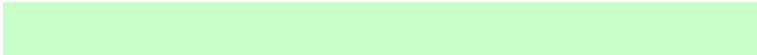
0.0000, 0.0000, 0.0000



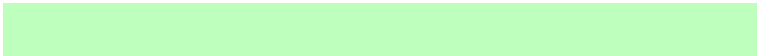
21.4041, 0.3127, 0.3290

Same Dimension

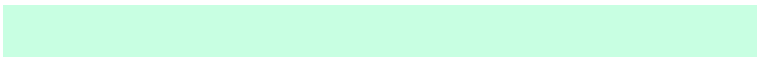
The Same Dimension uses a secret algorithm to generate beautiful new colors.



88.1085, 0.3105, 0.3893



86.1179, 0.3099, 0.4036



89.2713, 0.2959, 0.3605



20.1841, 0.3118, 0.3536



37.3934, 0.3004, 0.5997



3.6462, 0.3013, 0.5990

Inverse Universe

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



69.5951, 0.3145, 0.2751



64.5156, 0.3148, 0.2639



68.2422, 0.3339, 0.2995



18.2823, 0.3135, 0.3056



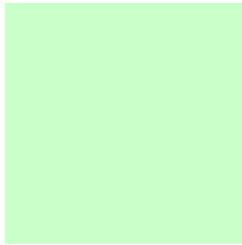
14.4299, 0.3163, 0.1516



1.4102, 0.3169, 0.1519

Previews

White Background



This preview shows how the Yxy color 88.1076, 0.3105, 0.3893 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 88.1076, 0.3105, 0.3893 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

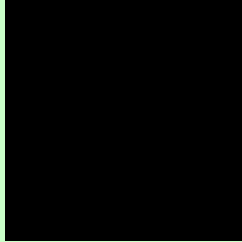
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

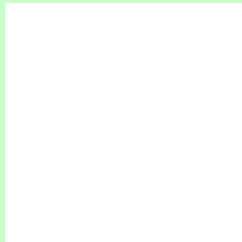
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 88.1076, 0.3105, 0.3893

Background



This preview shows how black text looks on a background with the Yxy color 88.1076, 0.3105, 0.3893.

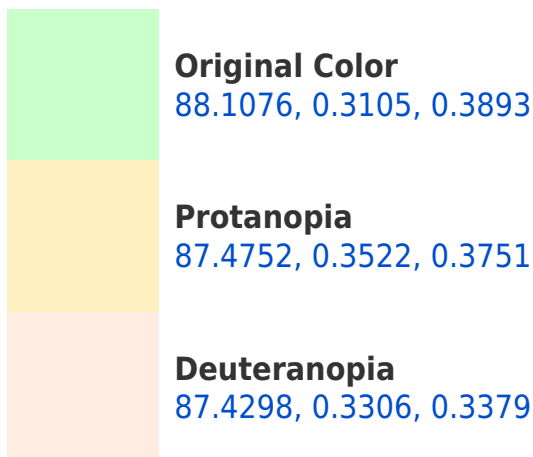


This preview shows how white text looks on a background with the Yxy color 88.1076, 0.3105, 0.3893.

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





Tritanopia

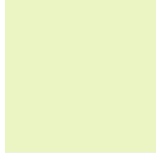
87.9289, 0.2944, 0.3178

Trichromacy



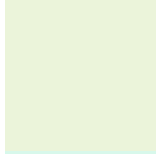
Original Color

88.1076, 0.3105, 0.3893



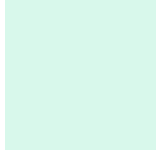
Protanomaly

86.9525, 0.3360, 0.3801



Deuteranomaly

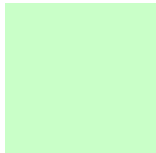
87.4255, 0.3226, 0.3558



Tritanomaly

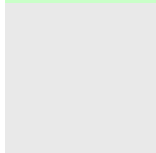
87.7319, 0.3002, 0.3426

Monochromacy



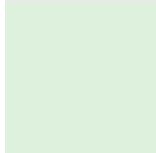
Original Color

88.1076, 0.3105, 0.3893



Achromatopsia

81.4847, 0.3127, 0.3290



Achromatomaly

83.5032, 0.3117, 0.3502

CSS Examples

Text

The CSS property to change the color of the text to Yxy 88.1076, 0.3105, 0.3893 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(201, 255, 200)` looks like.

```
.text, #text, p{  
    color:rgb(201, 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(201, 255, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 255, 200) }
```

Border

The CSS property to change the border of an element to Yxy 88.1076, 0.3105, 0.3893 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(201, 255, 200) }
```

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

```
.border{ border-color:rgb(201, 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(201, 255, 200) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 255, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 255, 200);  
box-shadow:4px 4px 4px 4px rgb(201, 255,  
200) }
```


Background

The CSS property to change the background color of an element to Yxy 88.1076, 0.3105, 0.3893 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 255, 200) }
```

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

```
.background{ background-color: rgb(201,  
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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor