

Converting Colors

$Yxy(85.0669, 0.2980, 0.3941)$

Have a look what the booklet for
Yxy(85.0669, 0.2980, 0.3941)
contains.

Yxy(85.0622, 0.2980, 0.3941)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(85.0622, 0.2980, 0.3941)

Conversions

Conversions Part 1

Format	Color
Hex	B2FFC6
RGB	178, 255, 198
RGB Percent	70%, 100%, 78%
CMY	0.3018, 0.0000, 0.2235
CMYK	0.30, 0.00, 0.22, 0.00
HSL	136°, 100%, 85%
HSV	136°, 30%, 100%
XYZ	64.3201, 85.0622, 66.4569
YIQ	225.4790, -27.5950, -34.0510

Conversions

Conversions Part 2

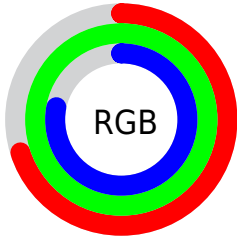
Format	Color
RYB	178, 239, 255
Decimal	11730886
CIELab	93.91, -34.78, 19.85
CIElCh	94, 40.041, 150.283
Yxy	85.0622, 0.2980, 0.3941
Android (android.graphics.Color)	4289920966 (0xFFB2FFC6)
YUV	225.4790, -13.5471, -41.6391
Hunter-Lab	92.2292, -36.9162, 21.8383

Details

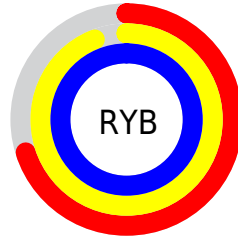
The Yxy color **85.0622, 0.2980, 0.3941** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **59.1164, 0.3318, 0.2718**, and the grayscale version is **75.7800, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.4022, 0.3005, 0.3290**, and **46.6127, 0.2939, 0.4102** is the 20% darker color. If you saturate the color by 10%, you get **81.5058, 0.2937, 0.4203**, and if you desaturate by 10%, it is **89.2950, 0.3027, 0.3701**.

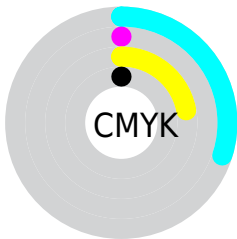
Distribution



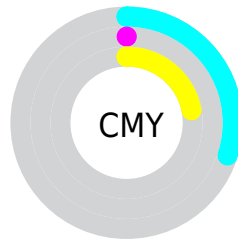
- Red (70%)
- Green (100%)
- Blue (78%)



- Red (70%)
- Yellow (94%)
- Blue (100%)



- Cyan (30%)
- Magenta (0%)
- Yellow (22%)
- Black (0%)




- Cyan (30%)
- Magenta (0%)
- Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 85.0622, 0.2980, 0.3941 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 85.0622, 0.2980, 0.3941 by changing the saturation by 10% instead.


 85.0622, 0.2980,
0.3941

 85.0622, 0.2980,
0.3941


511.8339, 0.3053,
0.3635

 63.8928, 0.2962,
0.4012


 140.4601, 0.3006,
0.3834

 46.5638, 0.2940,
0.4100

175.4573, 0.3016,
0.3792

 32.6910, 0.2910,
0.4213


215.8326, 0.3025,
0.3757

 21.8898, 0.2870,
0.4362

261.9704, 0.3032,
0.3726

 13.7760, 0.2812,
0.4566

314.2550, 0.3038,
0.3699

 7.9650, 0.2724,
0.4864


373.0708, 0.3044,


 4.0726, 0.2575,


0.3675

0.5333

438.8023, 0.3049,
0.3654


 1.7142, 0.2348,
0.6548


 0.4329, 0.0000,
1.0000


 85.0622, 0.2980,
0.3941

 85.0622, 0.2980,
0.3941

 81.5058, 0.2937,
0.4203

 89.2950, 0.3027,
0.3701


 78.5801, 0.2902,
0.4482

 94.2261, 0.3077,
0.3485

 76.2502, 0.2878,
0.4769

 99.8893, 0.3126,
0.3293

 74.4735, 0.2867,
0.5050

 99.9985, 0.3127,
0.3290

■ 73.2015, 0.2872,
0.5312

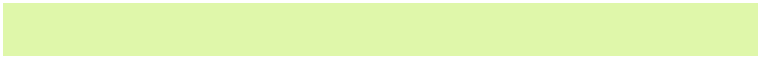
■ 72.3768, 0.2892,
0.5539

■ 71.9137, 0.2921,
0.5717

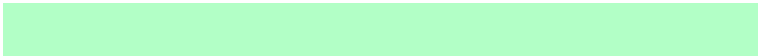
Harmonies

Analogous

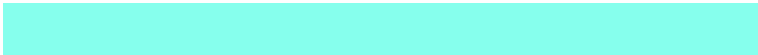
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



85.0622, 0.3434, 0.4117



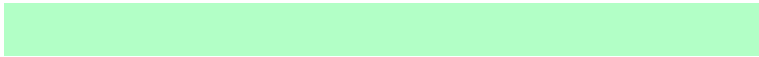
85.0622, 0.2980, 0.3941



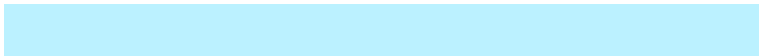
85.0622, 0.2585, 0.3544

Triad

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



85.0622, 0.2980, 0.3941



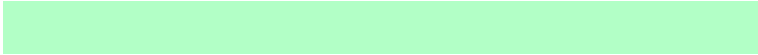
85.0622, 0.2448, 0.2573



85.0622, 0.3979, 0.3389

Complementary

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



85.0622, 0.2980, 0.3941



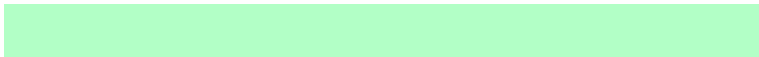
59.1164, 0.3318, 0.2718

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.



85.0622, 0.3676, 0.3032



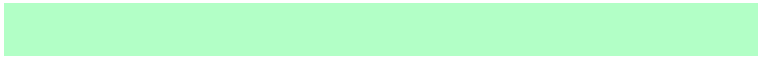
85.0622, 0.2980, 0.3941



85.0622, 0.2778, 0.2579

Square

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



85.0622, 0.2980, 0.3941



85.0622, 0.2296, 0.2747



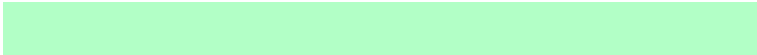
85.0622, 0.3226, 0.2745



85.0622, 0.4030, 0.3749

Rectangle

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



85.0622, 0.2980, 0.3941



85.0622, 0.2402, 0.3238



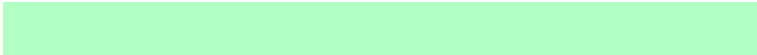
85.0622, 0.3226, 0.2745



85.0622, 0.3903, 0.3266

Sweetspot

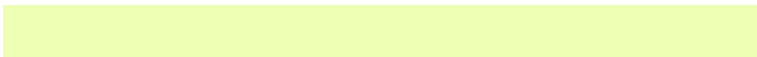
The Sweet Spot groups the original color and five complimentary colors.



85.0658, 0.2980, 0.3941



94.8575, 0.3082, 0.3461



92.5260, 0.3454, 0.4081



20.1376, 0.3075, 0.3490



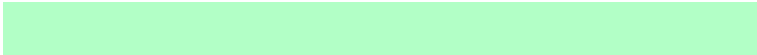
0.0000, 0.0000, 0.0000



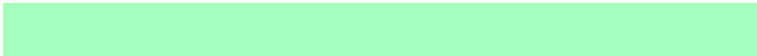
21.4041, 0.3127, 0.3290

Same Dimension

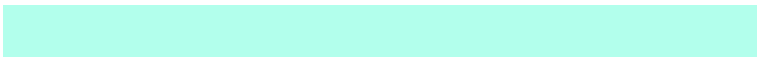
The Same Dimension uses a secret algorithm to generate beautiful new colors.



85.0658, 0.2980, 0.3941



82.9162, 0.2954, 0.4091



87.0304, 0.2785, 0.3501



20.2455, 0.3080, 0.3471



37.5977, 0.2914, 0.5691



3.6777, 0.2855, 0.5477

Inverse Universe

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



59.1164, 0.3318, 0.2718



53.3054, 0.3365, 0.2606



57.1605, 0.3638, 0.3091



18.2151, 0.3178, 0.3116



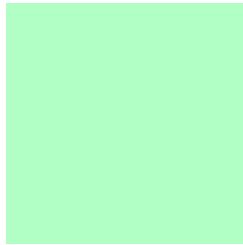
13.0508, 0.3999, 0.1977



1.2886, 0.3888, 0.1916

Previews

White Background



This preview shows how the Yxy color 85.0622, 0.2980, 0.3941 looks on a white background.

Color Contrast Check

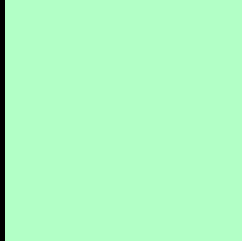
Large Text (above 18pt) WCAG AA × Fail

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 85.0622, 0.2980, 0.3941 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

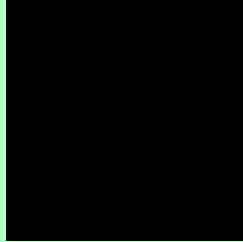
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 85.0622, 0.2980, 0.3941

Background



This preview shows how black text looks on a background with the Yxy color 85.0622, 0.2980, 0.3941.

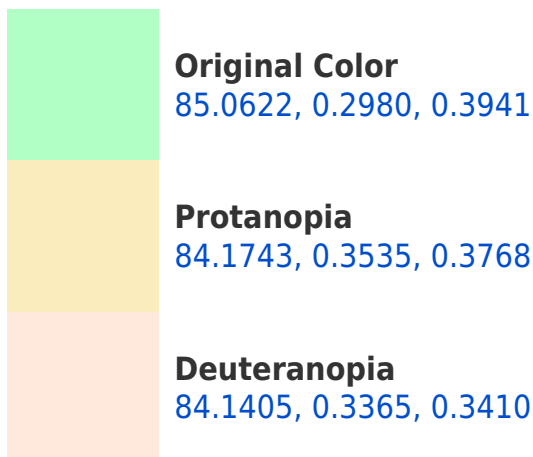


This preview shows how white text looks on a background with the Yxy color 85.0622, 0.2980, 0.3941.

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

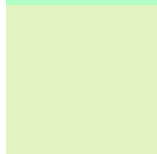
84.4259, 0.2853, 0.3154

Trichromacy



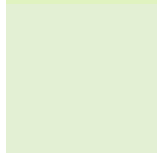
Original Color

85.0622, 0.2980, 0.3941



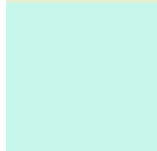
Protanomaly

83.7542, 0.3312, 0.3837



Deuteranomaly

83.4045, 0.3213, 0.3586



Tritanomaly

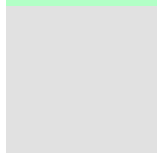
84.4678, 0.2900, 0.3430

Monochromacy



Original Color

85.0622, 0.2980, 0.3941



Achromatopsia

75.2942, 0.3127, 0.3290



Achromatomaly

78.3071, 0.3070, 0.3521

CSS Examples

Text

The CSS property to change the color of the text to Yxy 85.0622, 0.2980, 0.3941 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(178, 255, 198)` looks like.

```
.text, #text, p{  
    color:rgb(178, 255, 198)  
}
```

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(178, 255, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 255, 198) }
```

Border

The CSS property to change the border of an element to Yxy 85.0622, 0.2980, 0.3941 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(178, 255, 198) }
```

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

```
.border{ border-color:rgb(178, 255, 198) }
```

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

Here you see how a box with a 4 pixel rgb(178, 255, 198) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 255, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 255, 198);  
box-shadow:4px 4px 4px 4px rgb(178, 255,  
198) }
```


Background

The CSS property to change the background color of an element to Yxy 85.0622, 0.2980, 0.3941 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 255, 198) }
```

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

```
.background{ background-color: rgb(178,  
255, 198) }
```

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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