

Converting Colors

$Yxy(85.4205, 0.3017, 0.3968)$

Have a look what the booklet for
Yxy(85.4205, 0.3017, 0.3968)
contains.

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Color

Yxy(85.4052, 0.3019, 0.3972)

Conversions

Conversions Part 1

Format	Color
Hex	B6FFC3
RGB	182, 255, 195
RGB Percent	71%, 100%, 76%
CMY	0.2860, 0.0000, 0.2352
CMYK	0.29, 0.00, 0.24, 0.00
HSL	131°, 100%, 86%
HSV	131°, 29%, 100%
XYZ	64.9140, 85.4052, 64.6990
YIQ	226.3330, -24.2480, -34.1360

Conversions

Conversions Part 2

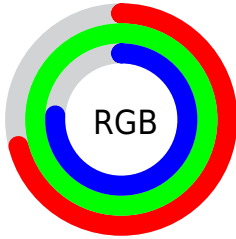
Format	Color
RYB	182, 244, 255
Decimal	11993027
CIELab	94.06, -34.06, 21.61
CIElCh	94, 40.342, 147.606
Yxy	85.4052, 0.3019, 0.3972
Android (android.graphics.Color)	4290183107 (0xFFB6FFC3)
YUV	226.3330, -15.4472, -38.8800
Hunter-Lab	92.4149, -36.3444, 23.1820

Details

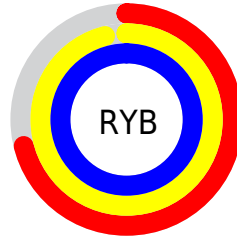
The Yxy color **85.4052, 0.3019, 0.3972** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **61.1552, 0.3259, 0.2693**, and the grayscale version is **76.4459, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.8990, 0.3046, 0.3319**, and **46.8233, 0.2986, 0.4142** is the 20% darker color. If you saturate the color by 10%, you get **81.6971, 0.2984, 0.4261**, and if you desaturate by 10%, it is **89.8190, 0.3056, 0.3708**.

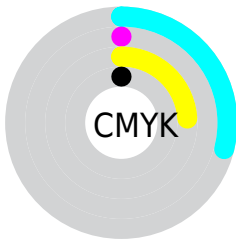
Distribution



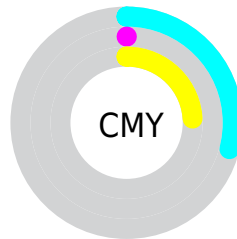
- Red (71%)
- Green (100%)
- Blue (76%)



- Red (71%)
- Yellow (96%)
- Blue (100%)



- Cyan (29%)
- Magenta (0%)
- Yellow (24%)
- Black (0%)





- Cyan (29%)
- Magenta (0%)
- Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 85.4052, 0.3019, 0.3972 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 85.4052, 0.3019, 0.3972 by changing the saturation by 10% instead.

 85.4052, 0.3019,
0.3972

 85.4052, 0.3019,
0.3972

512.9679, 0.3075,
0.3651

 64.1762, 0.3005,
0.4046


 140.9392, 0.3040,
0.3860

 46.7934, 0.2987,
0.4139


176.0130, 0.3047,
0.3816

 32.8724, 0.2962,
0.4257


216.4705, 0.3054,
0.3779

 22.0287, 0.2929,
0.4412

262.6961, 0.3059,
0.3747

 13.8780, 0.2879,
0.4626

315.0743, 0.3064,
0.3718

 8.0359, 0.2801,
0.4935


373.9894, 0.3068,


 4.1179, 0.2665,


0.3693


0.5421


439.8258, 0.3072,
0.3671


 1.7397, 0.2519,
0.6767

 0.4492, 0.0000,
1.0000


 85.4052, 0.3019,
0.3972


 85.4052, 0.3019,
0.3972


 81.6971, 0.2984,
0.4261


 89.8190, 0.3056,
0.3708

 78.6478, 0.2955,
0.4567

 94.9614, 0.3095,
0.3471

 76.2213, 0.2933,
0.4880

 99.9949, 0.3127,
0.3290

 74.3738, 0.2922,
0.5181

■ 73.0558, 0.2923,
0.5454

■ 72.2090, 0.2936,
0.5678

■ 71.7531, 0.2958,
0.5841

■ 71.7065, 0.2961,
0.5859

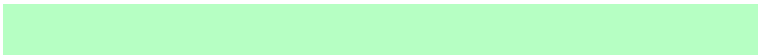
Harmonies

Analogous

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



85.4052, 0.3475, 0.4124



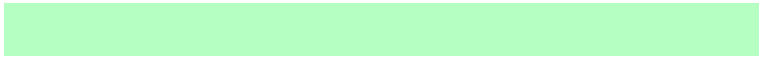
85.4052, 0.3019, 0.3972



85.4052, 0.2612, 0.3586

Triad

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



85.4052, 0.3019, 0.3972



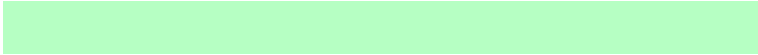
85.4052, 0.2423, 0.2577



85.4052, 0.3967, 0.3356

Complementary

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



85.4052, 0.3019, 0.3972



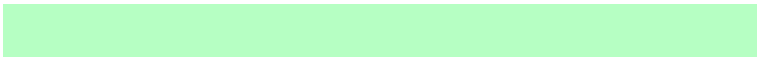
61.1552, 0.3259, 0.2693

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.



85.4052, 0.3643, 0.3001



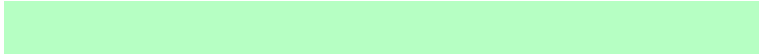
85.4052, 0.3019, 0.3972



85.4052, 0.2740, 0.2568

Square

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



85.4052, 0.3019, 0.3972



85.4052, 0.2287, 0.2768



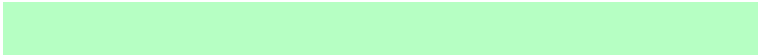
85.4052, 0.3184, 0.2721



85.4052, 0.4042, 0.3721

Rectangle

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



85.4052, 0.3019, 0.3972



85.4052, 0.2418, 0.3278



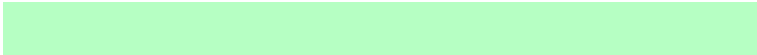
85.4052, 0.3184, 0.2721



85.4052, 0.3883, 0.3233

Sweetspot

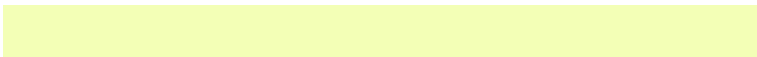
The Sweet Spot groups the original color and five complimentary colors.



85.4088, 0.3019, 0.3972



94.7475, 0.3093, 0.3480



93.9209, 0.3479, 0.4028



20.1107, 0.3088, 0.3513



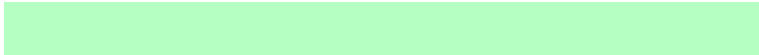
0.0000, 0.0000, 0.0000



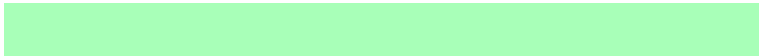
21.4041, 0.3127, 0.3290

Same Dimension

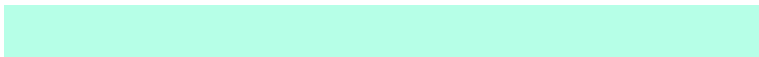
The Same Dimension uses a secret algorithm to generate beautiful new colors.



85.4088, 0.3019, 0.3972



83.3255, 0.3000, 0.4125



87.2198, 0.2832, 0.3557



20.2208, 0.3091, 0.3491



37.4859, 0.2955, 0.5839



3.6636, 0.2904, 0.5654

Inverse Universe

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



61.1552, 0.3259, 0.2693



55.6443, 0.3289, 0.2579



59.2161, 0.3551, 0.3040



18.2418, 0.3165, 0.3097



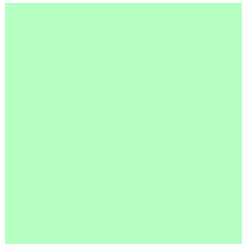
13.5534, 0.3718, 0.1822



1.3335, 0.3649, 0.1784

Previews

White Background



This preview shows how the Yxy color 85.4052, 0.3019, 0.3972 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 85.4052, 0.3019, 0.3972 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

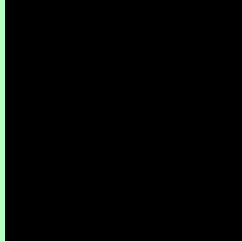
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

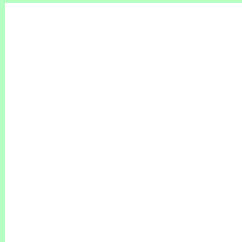
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 85.4052, 0.3019, 0.3972

Background



This preview shows how black text looks on a background with the Yxy color 85.4052, 0.3019, 0.3972.

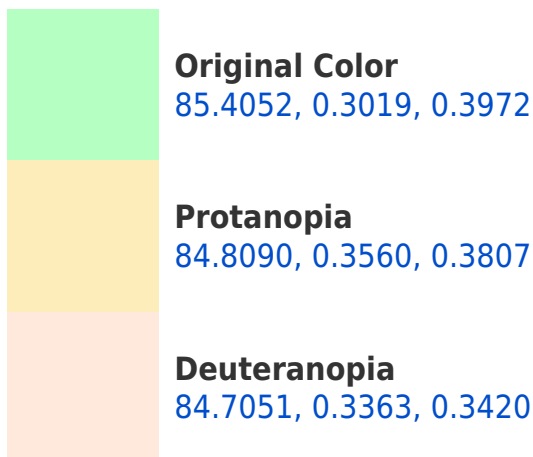


This preview shows how white text looks on a background with the Yxy color 85.4052, 0.3019, 0.3972.

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

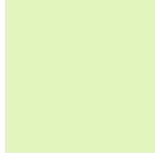
84.7213, 0.2865, 0.3154

Trichromacy



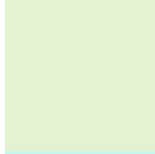
Original Color

85.4052, 0.3019, 0.3972



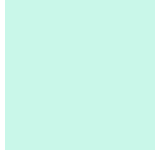
Protanomaly

84.7064, 0.3350, 0.3876



Deuteranomaly

84.1077, 0.3225, 0.3606



Tritanomaly

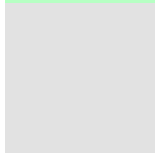
84.8222, 0.2923, 0.3440

Monochromacy



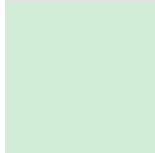
Original Color

85.4052, 0.3019, 0.3972



Achromatopsia

76.0525, 0.3127, 0.3290



Achromatomaly

79.1763, 0.3083, 0.3531

CSS Examples

Text

The CSS property to change the color of the text to Yxy 85.4052, 0.3019, 0.3972 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(182, 255, 195)` looks like.

```
.text, #text, p{  
    color:rgb(182, 255, 195)  
}
```

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(182, 255, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 255, 195) }
```

Border

The CSS property to change the border of an element to Yxy 85.4052, 0.3019, 0.3972 is called "border". The border property can be set on classes, ids or directly on the HTML element.

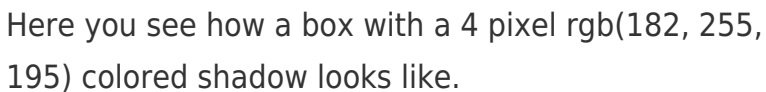
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(182, 255, 195) }
```

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

```
.border{ border-color:rgb(182, 255, 195) }
```

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



Here you see how a box with a 4 pixel `rgb(182, 255, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(182, 255, 195); -webkit-box-shadow:4px 4px 4px 4px rgb(182, 255, 195); box-shadow:4px 4px 4px 4px rgb(182, 255, 195) }
```


Background

The CSS property to change the background color of an element to Yxy 85.4052, 0.3019, 0.3972 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 255, 195) }
```

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

```
.background{ background-color: rgb(182,  
255, 195) }
```

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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