

Converting Colors

$Yxy(85.6909, 0.3055, 0.3851)$

Have a look what the booklet for
Yxy(85.6909, 0.3055, 0.3851)
contains.

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Color

Yxy(85.3544, 0.3052, 0.3847)

Conversions

Conversions Part 1

Format	Color
Hex	C2FCCA
RGB	194, 252, 202
RGB Percent	76%, 99%, 79%
CMY	0.2393, 0.0117, 0.2077
CMYK	0.23, 0.00, 0.20, 0.01
HSL	128°, 91%, 87%
HSV	128°, 23%, 99%
XYZ	67.7155, 85.3544, 68.8027
YIQ	228.9580, -18.5180, -27.8460

Conversions

Conversions Part 2

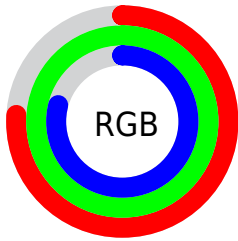
Format	Color
RYB	194, 245, 252
Decimal	12778698
CIELab	94.04, -27.72, 18.09
CIELCh	94, 33.106, 146.872
Yxy	85.3544, 0.3052, 0.3847
Android (android.graphics.Color)	4290968778 (0xFFC2FCCA)
YUV	228.9580, -13.2903, -30.6582
Hunter-Lab	92.3874, -30.8462, 20.5168

Details

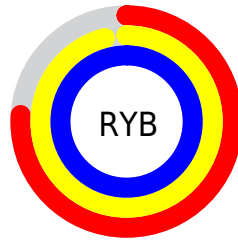
The Yxy color **85.3544, 0.3052, 0.3847** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **65.7942, 0.3213, 0.2790**, and the grayscale version is **78.4309, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.2492, 0.3102, 0.3290**, and **46.6573, 0.3027, 0.3977** is the 20% darker color. If you saturate the color by 10%, you get **81.3453, 0.3020, 0.4136**, and if you desaturate by 10%, it is **90.0806, 0.3085, 0.3586**.

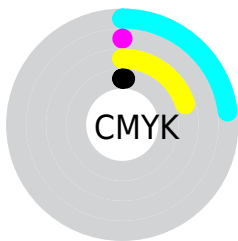
Distribution



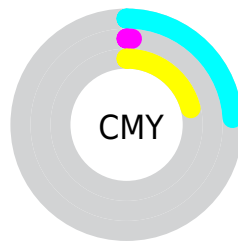
- Red (76%)
- Green (99%)
- Blue (79%)



- Red (76%)
- Yellow (96%)
- Blue (99%)



- Cyan (23%)
- Magenta (0%)
- Yellow (20%)
- Black (1%)



- Cyan (24%)
- Magenta (1%)
- Yellow (21%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 85.3544, 0.3052, 0.3847 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 85.3544, 0.3052, 0.3847 by changing the saturation by 10% instead.

 85.3544, 0.3052,
0.3847

 85.3544, 0.3052,
0.3847


512.8000, 0.3091,
0.3587

 64.1343, 0.3042,
0.3907


 140.8682, 0.3066,
0.3756

 46.7594, 0.3030,
0.3981


175.9307, 0.3072,
0.3721

 32.8455, 0.3013,
0.4076


216.3760, 0.3076,
0.3691

 22.0081, 0.2990,
0.4200

262.5887, 0.3080,
0.3665

 13.8629, 0.2956,
0.4370

314.9530, 0.3083,
0.3642

 8.0253, 0.2904,
0.4616

373.8534, 0.3086,


 4.1112, 0.2811,

0.3621

0.5001


439.6743, 0.3088,
0.3603


 1.7359, 0.2700,
0.5859


 0.4468, 0.0000,
1.0000


 85.3544, 0.3052,
0.3847


 85.3544, 0.3052,
0.3847


 81.3453, 0.3020,
0.4136


 90.0806, 0.3085,
0.3586

 78.0080, 0.2991,
0.4447

 95.5452, 0.3117,
0.3354

 75.3087, 0.2967,
0.4770

 98.1072, 0.3128,
0.3262

 73.2062, 0.2951,
0.5089

■ 71.6547, 0.2945,
0.5384

■ 70.6015, 0.2949,
0.5632

■ 69.9832, 0.2963,
0.5818

■ 69.7487, 0.2974,
0.5907

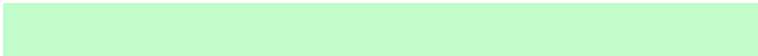
Harmonies

Analogous

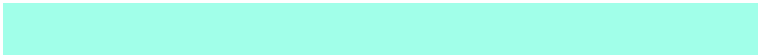
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



85.3544, 0.3428, 0.3970



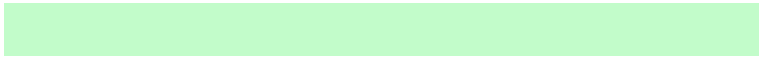
85.3544, 0.3052, 0.3847



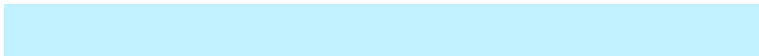
85.3544, 0.2711, 0.3542

Triad

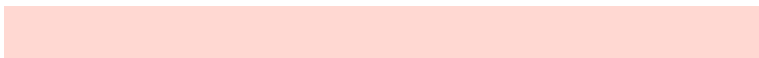
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



85.3544, 0.3052, 0.3847



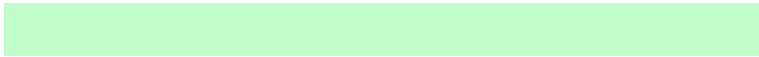
85.3544, 0.2538, 0.2701



85.3544, 0.3810, 0.3344

Complementary

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



85.3544, 0.3052, 0.3847



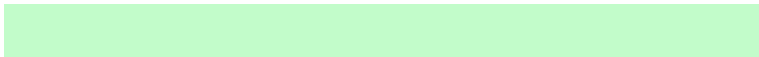
65.7942, 0.3213, 0.2790

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.



85.3544, 0.3543, 0.3045



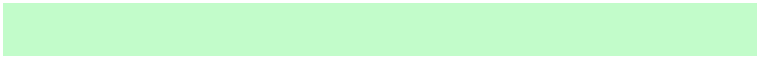
85.3544, 0.3052, 0.3847



85.3544, 0.2802, 0.2685

Square

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



85.3544, 0.3052, 0.3847



85.3544, 0.2427, 0.2869



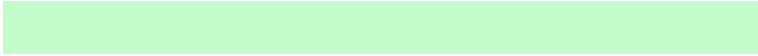
85.3544, 0.3168, 0.2811



85.3544, 0.3879, 0.3648

Rectangle

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



85.3544, 0.3052, 0.3847



85.3544, 0.2545, 0.3295



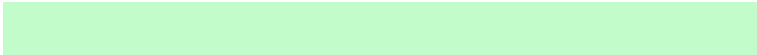
85.3544, 0.3168, 0.2811



85.3544, 0.3740, 0.3241

Sweetspot

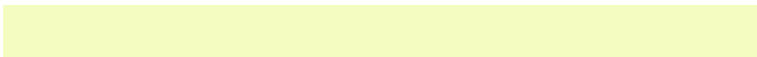
The Sweet Spot groups the original color and five complimentary colors.



85.3580, 0.3052, 0.3847



95.8197, 0.3105, 0.3443



92.8024, 0.3424, 0.3877



20.4361, 0.3103, 0.3457



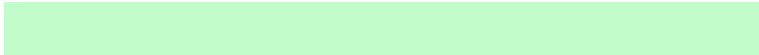
0.0000, 0.0000, 0.0000



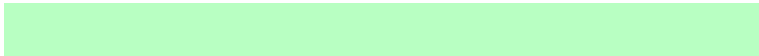
21.4041, 0.3127, 0.3290

Same Dimension

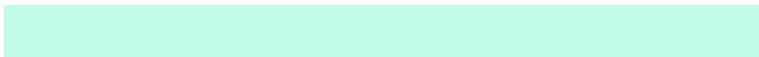
The Same Dimension uses a secret algorithm to generate beautiful new colors.



85.3580, 0.3052, 0.3847



85.5347, 0.3036, 0.3988



86.8463, 0.2896, 0.3521



19.3485, 0.3097, 0.3501



36.3419, 0.2969, 0.5890



3.3775, 0.2921, 0.5716

Inverse Universe

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



65.7942, 0.3213, 0.2790



61.9723, 0.3234, 0.2680



64.1852, 0.3432, 0.3071



17.4806, 0.3159, 0.3088



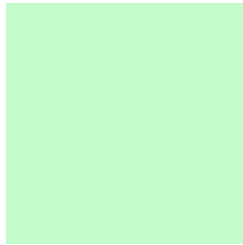
13.4060, 0.3595, 0.1754



1.2527, 0.3542, 0.1725

Previews

White Background



This preview shows how the Yxy color 85.3544, 0.3052, 0.3847 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 85.3544, 0.3052, 0.3847 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

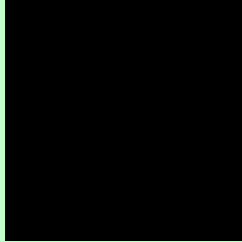
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

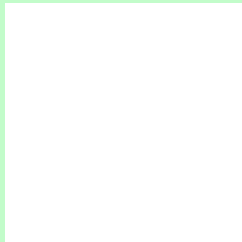
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 85.3544, 0.3052, 0.3847

Background



This preview shows how black text looks on a background with the Yxy color 85.3544, 0.3052, 0.3847.

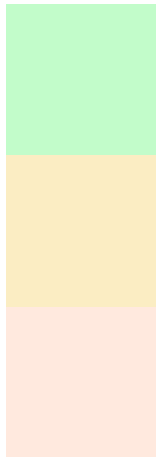


This preview shows how white text looks on a background with the Yxy color 85.3544, 0.3052, 0.3847.

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

85.3544, 0.3052, 0.3847

Protanopia

85.0177, 0.3493, 0.3716

Deuteranopia

84.8118, 0.3350, 0.3400



Tritanopia

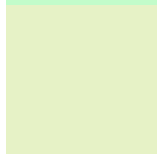
85.3232, 0.2889, 0.3155

Trichromacy



Original Color

85.3544, 0.3052, 0.3847



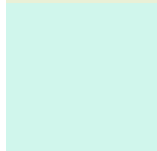
Protanomaly

84.4045, 0.3318, 0.3755



Deuteranomaly

84.5501, 0.3235, 0.3551



Tritanomaly

85.3776, 0.2948, 0.3396

Monochromacy



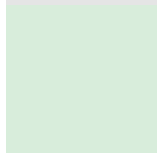
Original Color

85.3544, 0.3052, 0.3847



Achromatopsia

78.3538, 0.3127, 0.3290



Achromatomaly

80.2818, 0.3098, 0.3484

CSS Examples

Text

The CSS property to change the color of the text to Yxy 85.3544, 0.3052, 0.3847 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(194, 252, 202)` looks like.

```
.text, #text, p{  
    color:rgb(194, 252, 202)  
}
```

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(194, 252, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 252, 202) }
```

Border

The CSS property to change the border of an element to Yxy 85.3544, 0.3052, 0.3847 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(194, 252, 202) }
```

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

```
.border{ border-color:rgb(194, 252, 202) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 252, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 252, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 252, 202);  
box-shadow:4px 4px 4px 4px rgb(194, 252,  
202) }
```


Background

The CSS property to change the background color of an element to Yxy 85.3544, 0.3052, 0.3847 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 252, 202) }
```

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

```
.background{ background-color: rgb(194,  
252, 202) }
```

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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