

Converting Colors

$Yxy(85.0754, 0.3089, 0.4107)$

Have a look what the booklet for
Yxy(85.0754, 0.3089, 0.4107)
contains.

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Color

Yxy(85.0062, 0.3089, 0.4113)

Conversions

Conversions Part 1

Format	Color
Hex	B7FFB7
RGB	183, 255, 183
RGB Percent	72%, 100%, 72%
CMY	0.2821, 0.0000, 0.2824
CMYK	0.28, 0.00, 0.28, 0.00
HSL	120°, 100%, 86%
HSV	120°, 28%, 100%
XYZ	63.8425, 85.0062, 57.8282
YIQ	225.2640, -19.8000, -37.6560

Conversions

Conversions Part 2

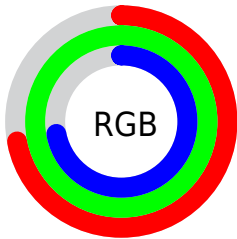
Format	Color
RYB	183, 255, 255
Decimal	12058551
CIELab	93.89, -35.76, 27.49
CIElCh	94, 45.107, 142.447
Yxy	85.0062, 0.3089, 0.4113
Android (android.graphics.Color)	4290248631 (0xFFB7FFB7)
YUV	225.2640, -20.8362, -37.0655
Hunter-Lab	92.1988, -37.7467, 27.3518

Details

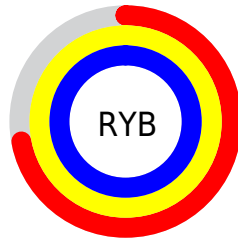
The Yxy color **85.0062, 0.3089, 0.4113** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **62.3217, 0.3160, 0.2585**, and the grayscale version is **75.6662, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.2773, 0.3126, 0.3448**, and **46.5891, 0.3065, 0.4311** is the 20% darker color. If you saturate the color by 10%, you get **81.1954, 0.3073, 0.4463**, and if you desaturate by 10%, it is **89.5818, 0.3104, 0.3790**.

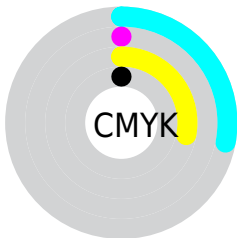
Distribution



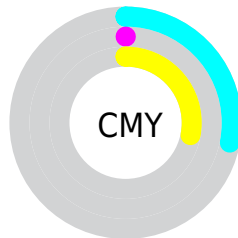
- Red (72%)
- Green (100%)
- Blue (72%)



- Red (72%)
- Yellow (100%)
- Blue (100%)



- Cyan (28%)
- Magenta (0%)
- Yellow (28%)
- Black (0%)




- Cyan (28%)
- Magenta (0%)
- Yellow (28%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 85.0062, 0.3089, 0.4113 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 85.0062, 0.3089, 0.4113 by changing the saturation by 10% instead.


 85.0062, 0.3089,
0.4113

 85.0062, 0.3089,
0.4113

511.6486, 0.3117,
0.3724

 63.8465, 0.3080,
0.4204

 140.3818, 0.3101,
0.3977

 46.5264, 0.3068,
0.4316


175.3666, 0.3105,
0.3924

 32.6614, 0.3051,
0.4460


215.7284, 0.3108,
0.3879

 21.8672, 0.3024,
0.4649

261.8518, 0.3110,
0.3839

 13.7593, 0.2982,
0.4907

314.1211, 0.3112,
0.3805

 7.9535, 0.2908,
0.5281

372.9208, 0.3114,

 4.0652, 0.2765,

0.3775

0.5856

438.6351, 0.3115,
0.3748

1.7101, 0.2559,
0.7441

0.4302, 0.0000,
1.0000

85.0062, 0.3089,
0.4113

85.0062, 0.3089,
0.4113

81.1954, 0.3073,
0.4463

89.5818, 0.3104,
0.3790

78.0977, 0.3056,
0.4826

94.9493, 0.3117,
0.3501

75.6720, 0.3039,
0.5179

99.9982, 0.3127,
0.3290

73.8684, 0.3024,
0.5496

■ 72.6305, 0.3012,
0.5746

■ 71.8911, 0.3004,
0.5912

■ 71.5586, 0.3001,
0.5991

■ 71.5200, 0.3000,
0.6000

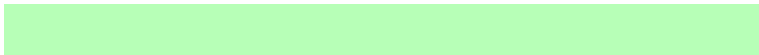
Harmonies

Analogous

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



85.0062, 0.3593, 0.4225



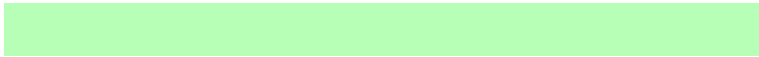
85.0062, 0.3089, 0.4113



85.0062, 0.2619, 0.3710

Triad

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



85.0062, 0.3089, 0.4113



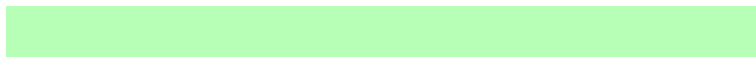
85.0062, 0.2305, 0.2518



85.0062, 0.4024, 0.3287

Complementary

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



85.0062, 0.3089, 0.4113



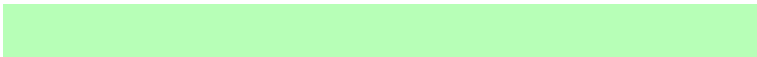
62.3217, 0.3160, 0.2585

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.



85.0062, 0.3622, 0.2907



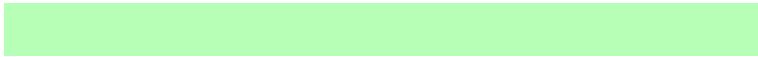
85.0062, 0.3089, 0.4113



85.0062, 0.2622, 0.2478

Square

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



85.0062, 0.3089, 0.4113



85.0062, 0.2192, 0.2760



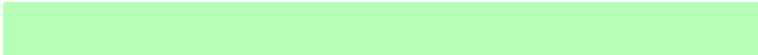
85.0062, 0.3097, 0.2620



85.0062, 0.4159, 0.3694

Rectangle

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



85.0062, 0.3089, 0.4113



85.0062, 0.2384, 0.3362



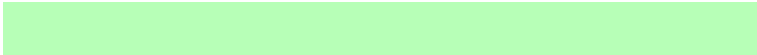
85.0062, 0.3097, 0.2620



85.0062, 0.3914, 0.3154

Sweetspot

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



85.0098, 0.3089, 0.4113



95.0929, 0.3118, 0.3495



95.4321, 0.3559, 0.3988



20.1691, 0.3116, 0.3536



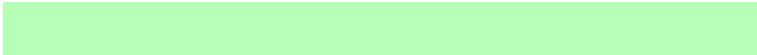
0.0000, 0.0000, 0.0000



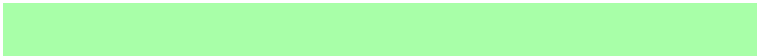
21.4041, 0.3127, 0.3290

Same Dimension

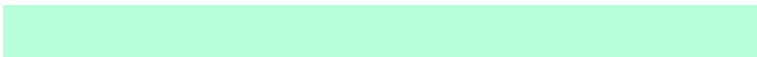
The Same Dimension uses a secret algorithm to generate beautiful new colors.



85.0098, 0.3089, 0.4113



82.7263, 0.3080, 0.4312



86.6333, 0.2904, 0.3704



20.1691, 0.3116, 0.3536



37.3721, 0.3000, 0.6000



3.6391, 0.3001, 0.5999

Inverse Universe

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



62.3217, 0.3160, 0.2585



56.5787, 0.3166, 0.2443



60.2937, 0.3433, 0.2911



18.2994, 0.3138, 0.3056



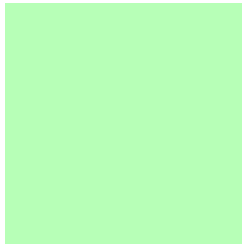
14.8550, 0.3207, 0.1540



1.4467, 0.3207, 0.1540

Previews

White Background



This preview shows how the Yxy color 85.0062, 0.3089, 0.4113 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 85.0062, 0.3089, 0.4113 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

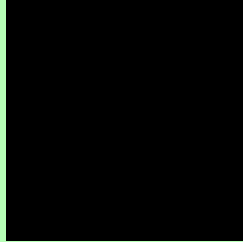
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 85.0062, 0.3089, 0.4113

Background



This preview shows how black text looks on a background with the Yxy color 85.0062, 0.3089, 0.4113.

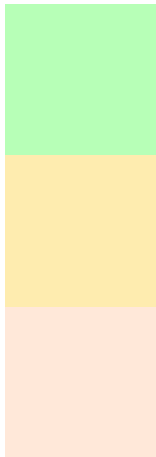


This preview shows how white text looks on a background with the Yxy color 85.0062, 0.3089, 0.4113.

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

85.0062, 0.3089, 0.4113

Protanopia

84.1569, 0.3649, 0.3907

Deuteranopia

83.9830, 0.3385, 0.3440



Tritanopia

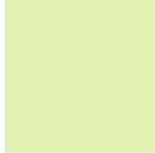
84.7213, 0.2865, 0.3154

Trichromacy



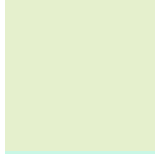
Original Color

85.0062, 0.3089, 0.4113



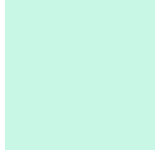
Protanomaly

83.8095, 0.3426, 0.3984



Deuteranomaly

83.3860, 0.3270, 0.3660



Tritanomaly

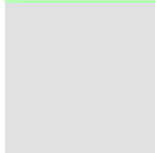
84.5962, 0.2945, 0.3485

Monochromacy



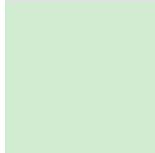
Original Color

85.0062, 0.3089, 0.4113



Achromatopsia

75.2942, 0.3127, 0.3290



Achromatomaly

78.3457, 0.3114, 0.3577

CSS Examples

Text

The CSS property to change the color of the text to Yxy 85.0062, 0.3089, 0.4113 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(183, 255, 183)` looks like.

```
.text, #text, p{  
    color:rgb(183, 255, 183)  
}
```

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(183, 255, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 255, 183) }
```

Border

The CSS property to change the border of an element to Yxy 85.0062, 0.3089, 0.4113 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(183, 255, 183) }
```

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

```
.border{ border-color:rgb(183, 255, 183) }
```

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

Here you see how a box with a 4 pixel `rgb(183, 255, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 255, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 255, 183);  
box-shadow:4px 4px 4px 4px rgb(183, 255,  
183) }
```


Background

The CSS property to change the background color of an element to Yxy 85.0062, 0.3089, 0.4113 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 255, 183) }
```

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

```
.background{ background-color: rgb(183,  
255, 183) }
```

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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