

Converting Colors

$Yxy(94.9165, 0.3055, 0.4202)$

Have a look what the booklet for
Yxy(94.9165, 0.3055, 0.4202)
contains.

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Color

Yxy(85.0529, 0.3061, 0.4067)

Conversions

Conversions Part 1

Format	Color
Hex	B6FFBB
RGB	182, 255, 187
RGB Percent	71%, 100%, 73%
CMY	0.2864, 0.0000, 0.2666
CMYK	0.29, 0.00, 0.27, 0.00
HSL	124°, 100%, 86%
HSV	124°, 29%, 100%
XYZ	64.0145, 85.0529, 60.0619
YIQ	225.4210, -21.6800, -36.6240

Conversions

Conversions Part 2

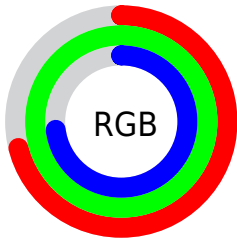
Format	Color
RYB	182, 250, 255
Decimal	11993019
CIELab	93.91, -35.45, 25.47
CIELCh	94, 43.653, 144.309
Yxy	85.0529, 0.3061, 0.4067
Android (android.graphics.Color)	4290183099 (0xFFB6FFBB)
YUV	225.4210, -18.9416, -38.0802
Hunter-Lab	92.2241, -37.4920, 25.9436

Details

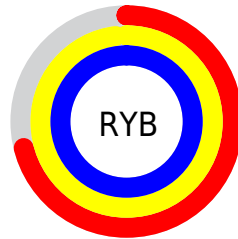
The Yxy color **85.0529, 0.3061, 0.4067** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **61.5981, 0.3199, 0.2620**, and the grayscale version is **75.7556, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.3418, 0.3097, 0.3408**, and **46.5936, 0.3038, 0.4266** is the 20% darker color. If you saturate the color by 10%, you get **81.2881, 0.3038, 0.4394**, and if you desaturate by 10%, it is **89.5422, 0.3085, 0.3766**.

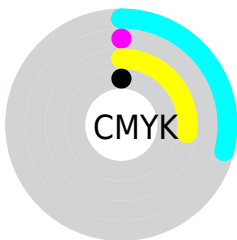
Distribution



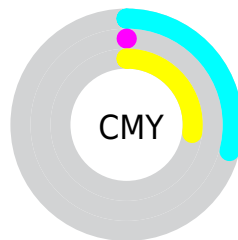
- Red (71%)
- Green (100%)
- Blue (73%)



- Red (71%)
- Yellow (98%)
- Blue (100%)



- Cyan (29%)
- Magenta (0%)
- Yellow (27%)
- Black (0%)




- Cyan (29%)
- Magenta (0%)
- Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 85.0529, 0.3061, 0.4067 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 85.0529, 0.3061, 0.4067 by changing the saturation by 10% instead.


 85.0529, 0.3061,
0.4067

 85.0529, 0.3061,
0.4067


511.8031, 0.3100,
0.3700

 63.8851, 0.3050,
0.4152


 140.4471, 0.3076,
0.3938

 46.5576, 0.3035,
0.4259


175.4422, 0.3082,
0.3889

 32.6861, 0.3015,
0.4394


215.8153, 0.3086,
0.3846

 21.8861, 0.2985,
0.4572

261.9507, 0.3090,
0.3809

 13.7732, 0.2940,
0.4817

314.2328, 0.3093,
0.3777

 7.9631, 0.2864,
0.5172


373.0459, 0.3096,


 4.0713, 0.2721,


0.3748


0.5722


438.7746, 0.3098,
0.3723

 1.7136, 0.2586,
0.7414


 0.4324, 0.0000,
1.0000


 85.0529, 0.3061,
0.4067


 85.0529, 0.3061,
0.4067


 81.2881, 0.3038,
0.4394


 89.5422, 0.3085,
0.3766

 78.2219, 0.3016,
0.4737

 94.8052, 0.3108,
0.3497

 75.8075, 0.2999,
0.5077

 100.0000, 0.3127,
0.3290

 73.9976, 0.2987,
0.5391

■ 72.7385, 0.2982,
0.5654

■ 71.9670, 0.2984,
0.5846

■ 71.5959, 0.2991,
0.5958

■ 71.5625, 0.2991,
0.5968

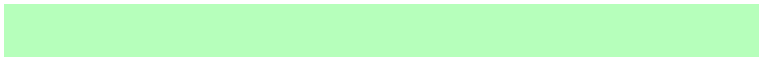
Harmonies

Analogous

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



85.0529, 0.3551, 0.4196



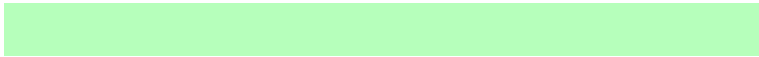
85.0529, 0.3061, 0.4067



85.0529, 0.2611, 0.3665

Triad

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



85.0529, 0.3061, 0.4067



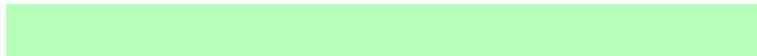
85.0529, 0.2343, 0.2534



85.0529, 0.4011, 0.3313

Complementary

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



85.0529, 0.3061, 0.4067



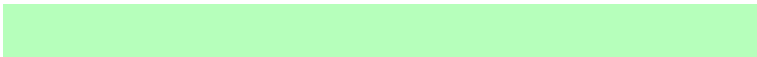
61.5981, 0.3199, 0.2620

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.



85.0529, 0.3635, 0.2940



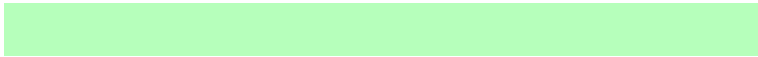
85.0529, 0.3061, 0.4067



85.0529, 0.2663, 0.2505

Square

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



85.0529, 0.3061, 0.4067



85.0529, 0.2220, 0.2757



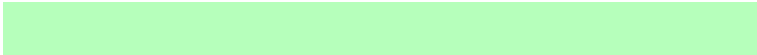
85.0529, 0.3131, 0.2653



85.0529, 0.4124, 0.3708

Rectangle

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



85.0529, 0.3061, 0.4067



85.0529, 0.2390, 0.3329



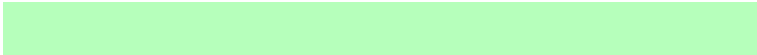
85.0529, 0.3131, 0.2653



85.0529, 0.3910, 0.3183

Sweetspot

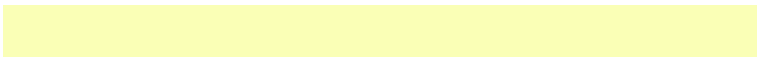
The Sweet Spot groups the original color and five complimentary colors.



85.0485, 0.3061, 0.4067



94.6039, 0.3107, 0.3506



95.2439, 0.3529, 0.4017



20.0756, 0.3104, 0.3543



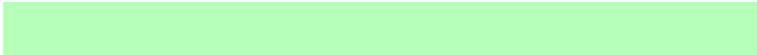
0.0000, 0.0000, 0.0000



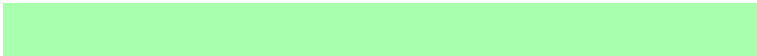
21.4041, 0.3127, 0.3290

Same Dimension

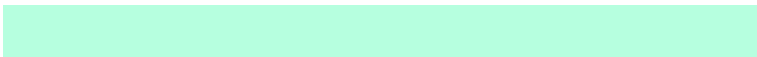
The Same Dimension uses a secret algorithm to generate beautiful new colors.



85.0485, 0.3061, 0.4067



82.9454, 0.3048, 0.4239



86.8067, 0.2869, 0.3641



20.1885, 0.3106, 0.3518



37.4004, 0.2988, 0.5957



3.6483, 0.2961, 0.5860

Inverse Universe

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



61.5981, 0.3199, 0.2620



56.2159, 0.3214, 0.2495



59.5344, 0.3489, 0.2966



18.2774, 0.3149, 0.3072



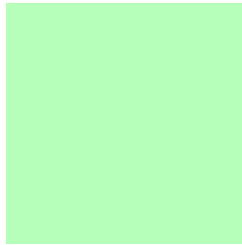
14.3240, 0.3391, 0.1642



1.4009, 0.3368, 0.1629

Previews

White Background



This preview shows how the Yxy color 85.0529, 0.3061, 0.4067 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 85.0529, 0.3061, 0.4067 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

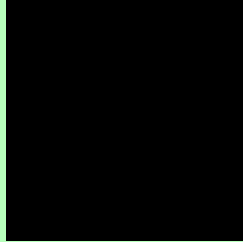
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 85.0529, 0.3061, 0.4067

Background



This preview shows how black text looks on a background with the Yxy color 85.0529, 0.3061, 0.4067.

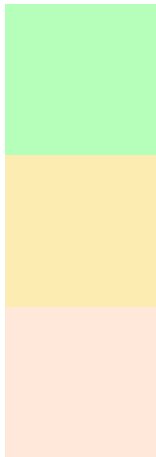


This preview shows how white text looks on a background with the Yxy color 85.0529, 0.3061, 0.4067.

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

85.0529, 0.3061, 0.4067

Protanopia

84.0879, 0.3622, 0.3878

Deuteranopia

84.0352, 0.3378, 0.3430



Tritanopia

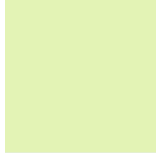
84.7213, 0.2865, 0.3154

Trichromacy



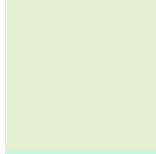
Original Color

85.0529, 0.3061, 0.4067



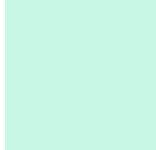
Protanomaly

83.7683, 0.3401, 0.3953



Deuteranomaly

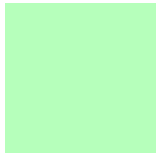
83.3192, 0.3251, 0.3640



Tritanomaly

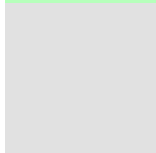
84.6522, 0.2939, 0.3473

Monochromacy



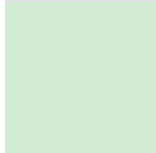
Original Color

85.0529, 0.3061, 0.4067



Achromatopsia

75.2942, 0.3127, 0.3290



Achromatomaly

78.2494, 0.3101, 0.3566

CSS Examples

Text

The CSS property to change the color of the text to Yxy 85.0529, 0.3061, 0.4067 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, 187)` looks like.

```
.text, #text, p{  
    color:rgb(182, 255, 187)  
}
```

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, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 255, 187) }
```

Border

The CSS property to change the border of an element to Yxy 85.0529, 0.3061, 0.4067 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, 187) }
```

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

```
.border{ border-color:rgb(182, 255, 187) }
```

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, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 255, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 255, 187);  
box-shadow:4px 4px 4px 4px rgb(182, 255,  
187) }
```


Background

The CSS property to change the background color of an element to Yxy 85.0529, 0.3061, 0.4067 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, 187) }
```

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

```
.background{ background-color: rgb(182,  
255, 187) }
```

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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