

Converting Colors

$Yxy(85.2665, 0.3155, 0.4192)$

Have a look what the booklet for
Yxy(85.2665, 0.3155, 0.4192)
contains.

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Color

Yxy(85.2194, 0.3150, 0.4189)

Conversions

Conversions Part 1

Format	Color
Hex	BBFFB0
RGB	187, 255, 176
RGB Percent	73%, 100%, 69%
CMY	0.2668, 0.0000, 0.3099
CMYK	0.27, 0.00, 0.31, 0.00
HSL	112°, 100%, 85%
HSV	112°, 31%, 100%
XYZ	64.0824, 85.2194, 54.1344
YIQ	225.6620, -15.1690, -38.9850

Conversions

Conversions Part 2

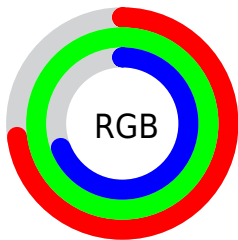
Format	Color
RYB	176, 255, 244
Decimal	12320688
CIELab	93.98, -35.61, 31.18
CIElCh	94, 47.327, 138.797
Yxy	85.2194, 0.3150, 0.4189
Android (android.graphics.Color)	4290510768 (0xFFBBFFB0)
YUV	225.6620, -24.4834, -33.9066
Hunter-Lab	92.3144, -37.6398, 29.8516

Details

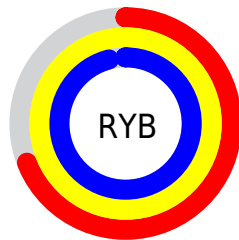
The Yxy color **85.2194, 0.3150, 0.4189** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **57.4982, 0.3077, 0.2496**, and the grayscale version is **75.9753, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.5793, 0.3192, 0.3517**, and **46.7238, 0.3140, 0.4407** is the 20% darker color. If you saturate the color by 10%, you get **81.7384, 0.3150, 0.4531**, and if you desaturate by 10%, it is **89.3037, 0.3146, 0.3868**.

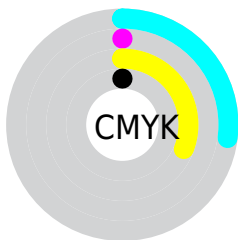
Distribution



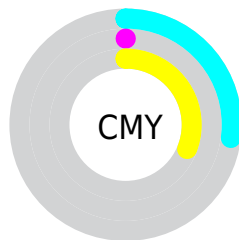
- Red (73%)
- Green (100%)
- Blue (69%)



- Red (69%)
- Yellow (100%)
- Blue (96%)



- Cyan (27%)
- Magenta (0%)
- Yellow (31%)
- Black (0%)





- Cyan (27%)
- Magenta (0%)
- Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 85.2194, 0.3150, 0.4189 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 85.2194, 0.3150, 0.4189 by changing the saturation by 10% instead.


 85.2194, 0.3150,
0.4189

 85.2194, 0.3150,
0.4189

512.3538, 0.3152,
0.3764

 64.0227, 0.3146,
0.4288


 140.6797, 0.3153,
0.4040

 46.6690, 0.3140,
0.4410


175.7120, 0.3154,
0.3983

 32.7741, 0.3129,
0.4566


216.1250, 0.3154,
0.3933

 21.9534, 0.3111,
0.4771

262.3031, 0.3154,
0.3890

 13.8227, 0.3077,
0.5049

314.6306, 0.3154,
0.3853

 7.9975, 0.3011,
0.5447


373.4919, 0.3153,


 4.0933, 0.2880,


0.3820


0.6067

439.2715, 0.3153,
0.3790


 1.7259, 0.2584,
0.7416

 0.4403, 0.0000,
1.0000


 85.2194, 0.3150,
0.4189

 85.2194, 0.3150,
0.4189


 81.7384, 0.3150,
0.4531

 89.3037, 0.3146,
0.3868

 78.8452, 0.3144,
0.4880

 94.0334, 0.3138,
0.3575

 76.5027, 0.3131,
0.5215

 99.4297, 0.3128,
0.3314

 74.6754, 0.3111,
0.5511

100.0000, 0.3127,
0.3290

■ 73.3234, 0.3086,
0.5745

■ 72.4009, 0.3056,
0.5900

■ 71.8854, 0.3031,
0.5975

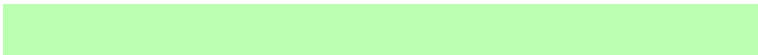
Harmonies

Analogous

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



85.2194, 0.3672, 0.4261



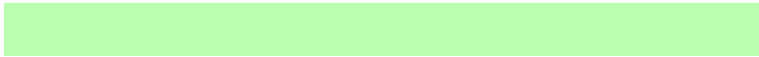
85.2194, 0.3150, 0.4189



85.2194, 0.2647, 0.3794

Triad

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



85.2194, 0.3150, 0.4189



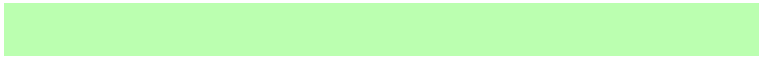
85.2194, 0.2242, 0.2502



85.2194, 0.4029, 0.3233

Complementary

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



85.2194, 0.3150, 0.4189



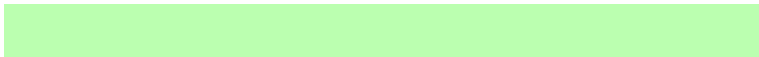
57.4982, 0.3077, 0.2496

Split Complementary

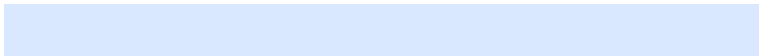
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



85.2194, 0.3581, 0.2847



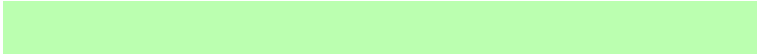
85.2194, 0.3150, 0.4189



85.2194, 0.2548, 0.2438

Square

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



85.2194, 0.3150, 0.4189



85.2194, 0.2153, 0.2778



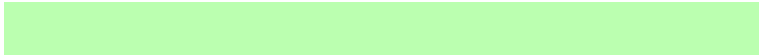
85.2194, 0.3028, 0.2564



85.2194, 0.4208, 0.3658

Rectangle

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



85.2194, 0.3150, 0.4189



85.2194, 0.2388, 0.3431



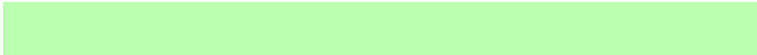
85.2194, 0.3028, 0.2564



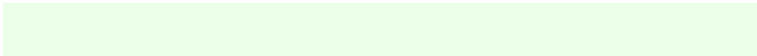
85.2194, 0.3903, 0.3097

Sweetspot

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



85.2147, 0.3150, 0.4189



95.0523, 0.3136, 0.3521



88.5831, 0.3630, 0.3961



20.1849, 0.3137, 0.3560



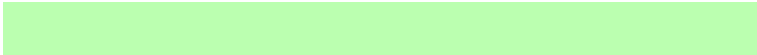
0.0000, 0.0000, 0.0000



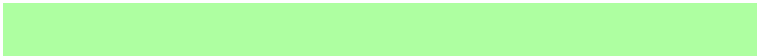
21.4041, 0.3127, 0.3290

Same Dimension

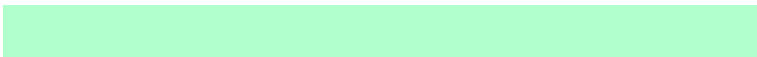
The Same Dimension uses a secret algorithm to generate beautiful new colors.



85.2147, 0.3150, 0.4189



83.0532, 0.3151, 0.4393



85.0901, 0.2939, 0.3876



20.2892, 0.3137, 0.3534



37.5983, 0.3037, 0.5970



3.6959, 0.3095, 0.5925

Inverse Universe

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



57.4982, 0.3077, 0.2496



51.4436, 0.3063, 0.2341



57.8680, 0.3383, 0.2770



18.1648, 0.3116, 0.3054



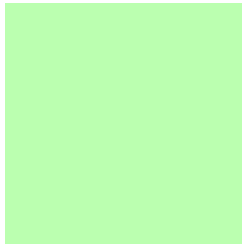
11.7350, 0.2859, 0.1349



1.1763, 0.2902, 0.1372

Previews

White Background



This preview shows how the Yxy color 85.2194, 0.3150, 0.4189 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 85.2194, 0.3150, 0.4189 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

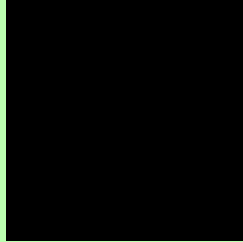
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

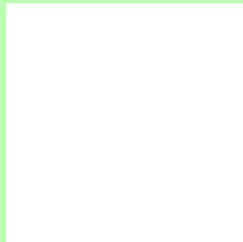
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 85.2194, 0.3150, 0.4189

Background



This preview shows how black text looks on a background with the Yxy color 85.2194, 0.3150, 0.4189.

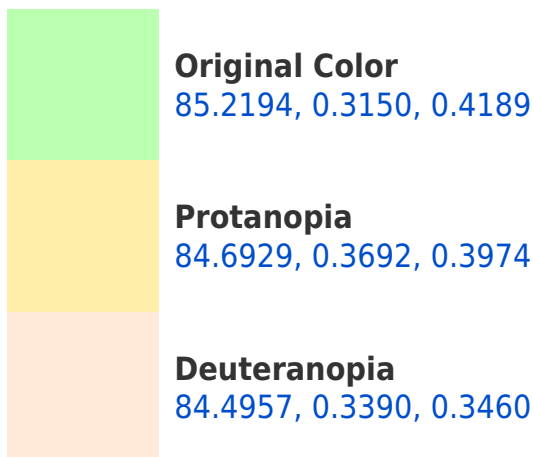


This preview shows how white text looks on a background with the Yxy color 85.2194, 0.3150, 0.4189.

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

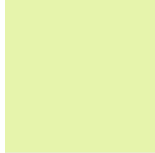
85.0204, 0.2877, 0.3155

Trichromacy



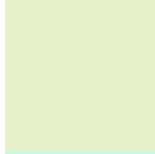
Original Color

85.2194, 0.3150, 0.4189



Protanomaly

84.5029, 0.3475, 0.4054



Deuteranomaly

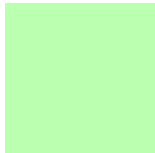
83.9506, 0.3301, 0.3713



Tritanomaly

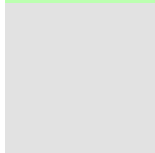
84.8499, 0.2980, 0.3517

Monochromacy



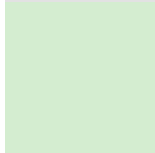
Original Color

85.2194, 0.3150, 0.4189



Achromatopsia

76.0525, 0.3127, 0.3290



Achromatomaly

79.1195, 0.3139, 0.3608

CSS Examples

Text

The CSS property to change the color of the text to Yxy 85.2194, 0.3150, 0.4189 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(187, 255, 176)` looks like.

```
.text, #text, p{  
    color:rgb(187, 255, 176)  
}
```

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(187, 255, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 255, 176) }
```

Border

The CSS property to change the border of an element to Yxy 85.2194, 0.3150, 0.4189 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(187, 255, 176) }
```

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

```
.border{ border-color:rgb(187, 255, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(187, 255, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 255, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 255, 176);  
box-shadow:4px 4px 4px 4px rgb(187, 255,  
176) }
```


Background

The CSS property to change the background color of an element to Yxy 85.2194, 0.3150, 0.4189 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 255, 176) }
```

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

```
.background{ background-color: rgb(187,  
255, 176) }
```

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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