

Converting Colors

Yxy(85.8574, 0.3068, 0.4010)

Have a look what the booklet for
Yxy(85.8574, 0.3068, 0.4010)
contains.

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Color

Yxy(85.8464, 0.3069, 0.4013)

Conversions

Conversions Part 1

Format	Color
Hex	BBFFBF
RGB	187, 255, 191
RGB Percent	73%, 100%, 75%
CMY	0.2668, 0.0000, 0.2508
CMYK	0.27, 0.00, 0.25, 0.00
HSL	124°, 100%, 87%
HSV	124°, 27%, 100%
XYZ	65.6523, 85.8464, 62.4221
YIQ	227.3720, -19.9840, -34.3200

Conversions

Conversions Part 2

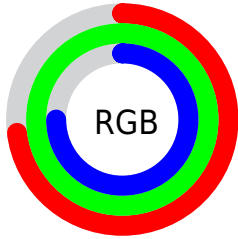
Format	Color
RYB	187, 251, 255
Decimal	12320703
CIELab	94.25, -33.22, 23.93
CIElCh	94, 40.941, 144.225
Yxy	85.8464, 0.3069, 0.4013
Android (android.graphics.Color)	4290510783 (0xFFBBFFBF)
YUV	227.3720, -17.9314, -35.4062
Hunter-Lab	92.6533, -35.6618, 24.9127

Details

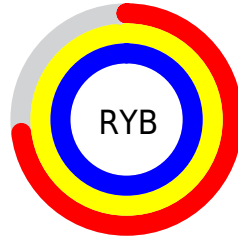
The Yxy color **85.8464, 0.3069, 0.4013** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **63.7407, 0.3188, 0.2660**, and the grayscale version is **77.2370, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.5304, 0.3099, 0.3358**, and **47.0998, 0.3048, 0.4195** is the 20% darker color. If you saturate the color by 10%, you get **81.9370, 0.3046, 0.4339**, and if you desaturate by 10%, it is **90.4914, 0.3092, 0.3715**.

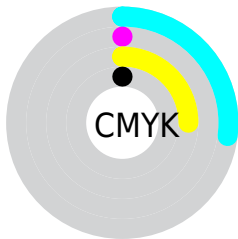
Distribution



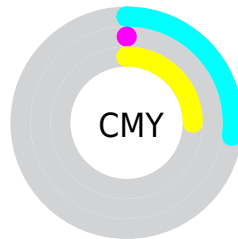
- Red (73%)
- Green (100%)
- Blue (75%)



- Red (73%)
- Yellow (98%)
- Blue (100%)



- Cyan (27%)
- Magenta (0%)
- Yellow (25%)
- Black (0%)




- Cyan (27%)
- Magenta (0%)
- Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 85.8464, 0.3069, 0.4013 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 85.8464, 0.3069, 0.4013 by changing the saturation by 10% instead.

 85.8464, 0.3069,
0.4013

 85.8464, 0.3069,
0.4013


514.4246, 0.3103,
0.3673

 64.5410, 0.3059,
0.4092

 141.5551, 0.3082,
0.3894

 47.0890, 0.3047,
0.4190

176.7272, 0.3087,
0.3848

 33.1060, 0.3029,
0.4314


217.2903, 0.3091,
0.3809

 22.2077, 0.3003,
0.4478

263.6288, 0.3094,
0.3774

 14.0096, 0.2964,
0.4702

316.1271, 0.3097,
0.3744

 8.1273, 0.2899,
0.5026

375.1695, 0.3099,

 4.1765, 0.2778,

0.3718

0.5530

441.1406, 0.3101,
0.3694

■ 1.7728, 0.2747,
0.7077

■ 0.4701, 0.0000,
1.0000

■ 85.8464, 0.3069,
0.4013

■ 85.8464, 0.3069,
0.4013

■ 81.9370, 0.3046,
0.4339

■ 90.4914, 0.3092,
0.3715

■ 78.7367, 0.3025,
0.4682

■ 95.9199, 0.3113,
0.3449

■ 76.1993, 0.3007,
0.5027

100.0000, 0.3127,
0.3290

■ 74.2784, 0.2994,
0.5349

■ 72.9212, 0.2987,
0.5623

■ 72.0664, 0.2986,
0.5827

■ 71.6375, 0.2992,
0.5949

■ 71.5554, 0.2993,
0.5973

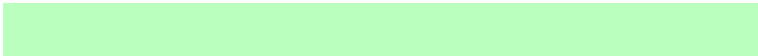
Harmonies

Analogous

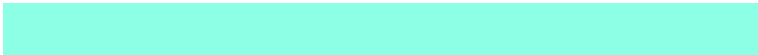
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



85.8464, 0.3528, 0.4135



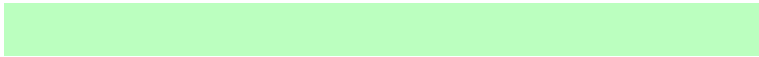
85.8464, 0.3069, 0.4013



85.8464, 0.2645, 0.3642

Triad

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



85.8464, 0.3069, 0.4013



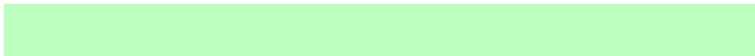
85.8464, 0.2389, 0.2580



85.8464, 0.3952, 0.3314

Complementary

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



85.8464, 0.3069, 0.4013



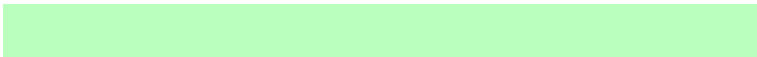
63.7407, 0.3188, 0.2660

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.



85.8464, 0.3601, 0.2961



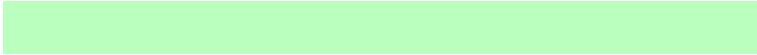
85.8464, 0.3069, 0.4013



85.8464, 0.2691, 0.2551

Square

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



85.8464, 0.3069, 0.4013



85.8464, 0.2274, 0.2794



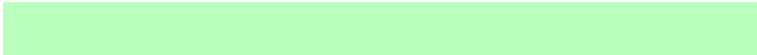
85.8464, 0.3131, 0.2690



85.8464, 0.4059, 0.3685

Rectangle

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



85.8464, 0.3069, 0.4013



85.8464, 0.2437, 0.3330



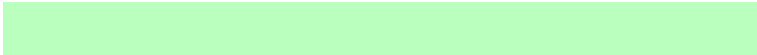
85.8464, 0.3131, 0.2690



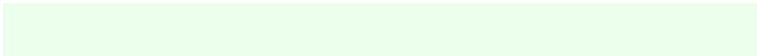
85.8464, 0.3858, 0.3191

Sweetspot

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



85.8424, 0.3069, 0.4013



95.1601, 0.3111, 0.3482



95.7263, 0.3509, 0.3965



20.1858, 0.3107, 0.3521



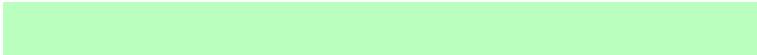
0.0000, 0.0000, 0.0000



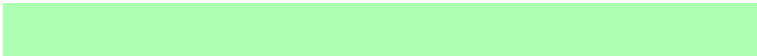
21.4041, 0.3127, 0.3290

Same Dimension

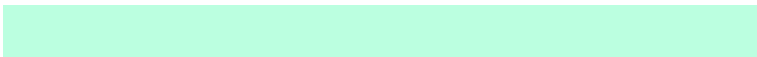
The Same Dimension uses a secret algorithm to generate beautiful new colors.



85.8424, 0.3069, 0.4013



83.6763, 0.3057, 0.4183



87.4814, 0.2891, 0.3626



20.1858, 0.3107, 0.3521



37.3960, 0.2990, 0.5964



3.6470, 0.2966, 0.5878

Inverse Universe

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



63.7407, 0.3188, 0.2660



58.2092, 0.3202, 0.2535



61.8209, 0.3449, 0.2978



18.2804, 0.3147, 0.3070



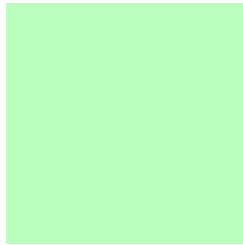
14.3945, 0.3366, 0.1628



1.4070, 0.3346, 0.1617

Previews

White Background



This preview shows how the Yxy color 85.8464, 0.3069, 0.4013 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 85.8464, 0.3069, 0.4013 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

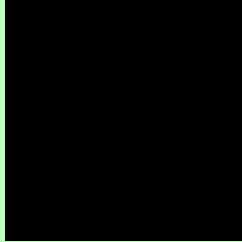
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 85.8464, 0.3069, 0.4013

Background



This preview shows how black text looks on a background with the Yxy color 85.8464, 0.3069, 0.4013.

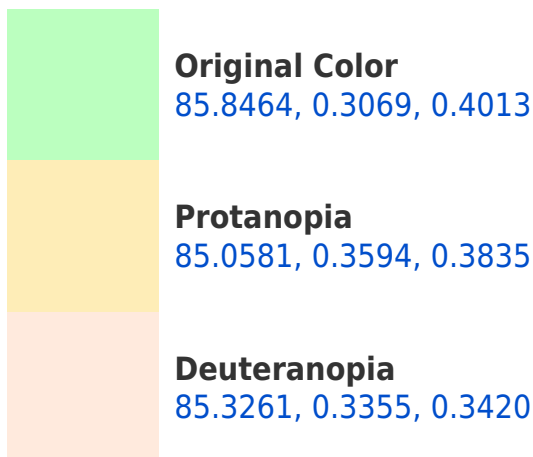


This preview shows how white text looks on a background with the Yxy color 85.8464, 0.3069, 0.4013.

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

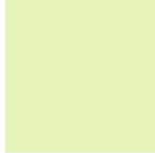
85.1713, 0.2883, 0.3155

Trichromacy



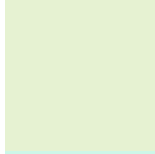
Original Color

85.8464, 0.3069, 0.4013



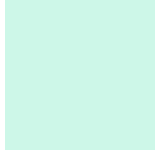
Protanomaly

85.0695, 0.3389, 0.3904



Deuteranomaly

84.9804, 0.3244, 0.3626



Tritanomaly

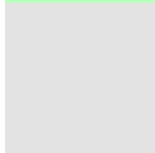
85.3269, 0.2952, 0.3450

Monochromacy



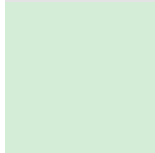
Original Color

85.8464, 0.3069, 0.4013



Achromatopsia

76.8151, 0.3127, 0.3290



Achromatomaly

79.4205, 0.3102, 0.3541

CSS Examples

Text

The CSS property to change the color of the text to Yxy 85.8464, 0.3069, 0.4013 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, 191)` looks like.

```
.text, #text, p{  
    color:rgb(187, 255, 191)  
}
```

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, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 255, 191) }
```

Border

The CSS property to change the border of an element to Yxy 85.8464, 0.3069, 0.4013 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, 191) }
```

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

```
.border{ border-color:rgb(187, 255, 191) }
```

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, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 255, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 255, 191);  
box-shadow:4px 4px 4px 4px rgb(187, 255,  
191) }
```


Background

The CSS property to change the background color of an element to Yxy 85.8464, 0.3069, 0.4013 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, 191) }
```

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

```
.background{ background-color: rgb(187,  
255, 191) }
```

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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