

Converting Colors

Yxy(85.9902, 0.3088, 0.4029)

Have a look what the booklet for
Yxy(85.9902, 0.3088, 0.4029)
contains.

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Color

Yxy(86.0129, 0.3092, 0.4034)

Conversions

Conversions Part 1

Format	Color
Hex	BDFFB8
RGB	189, 255, 189
RGB Percent	74%, 100%, 74%
CMY	0.2589, 0.0000, 0.2588
CMYK	0.26, 0.00, 0.26, 0.00
HSL	120°, 100%, 87%
HSV	120°, 26%, 100%
XYZ	65.9276, 86.0129, 61.2794
YIQ	227.7420, -18.1500, -34.5180

Conversions

Conversions Part 2

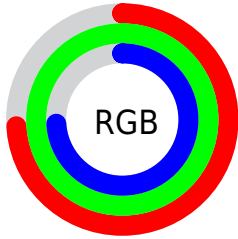
Format	Color
R _{YB}	189, 255, 255
Decimal	12451773
CIE _{Lab}	94.32, -32.91, 25.08
CIE _{LCh}	94, 41.373, 142.690
Y _{xy}	86.0129, 0.3092, 0.4034
Android (android.graphics.Color)	4290641853 (0xFFBDFFB _D)
Y _{UV}	227.7420, -19.0998, -33.9767
Hunter-Lab	92.7431, -35.4116, 25.7447

Details

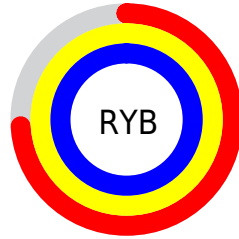
The Yxy color **86.0129, 0.3092, 0.4034** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **64.8609, 0.3158, 0.2644**, and the grayscale version is **77.5313, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.7667, 0.3123, 0.3378**, and **47.2058, 0.3076, 0.4221** is the 20% darker color. If you saturate the color by 10%, you get **82.0201, 0.3076, 0.4378**, and if you desaturate by 10%, it is **90.7681, 0.3107, 0.3719**.

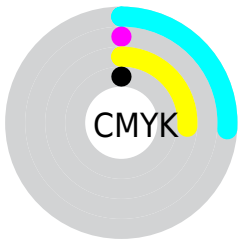
Distribution



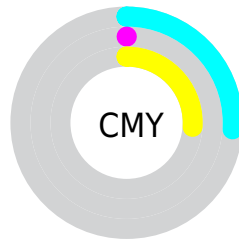
- Red (74%)
- Green (100%)
- Blue (74%)



- Red (74%)
- Yellow (100%)
- Blue (100%)



- Cyan (26%)
- Magenta (0%)
- Yellow (26%)
- Black (0%)





- Cyan (26%)
- Magenta (0%)
- Yellow (26%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 86.0129, 0.3092, 0.4034 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 86.0129, 0.3092, 0.4034 by changing the saturation by 10% instead.


 86.0129, 0.3092,
0.4034

 86.0129, 0.3092,
0.4034


514.9737, 0.3116,
0.3684

 64.6786, 0.3084,
0.4115


 141.7875, 0.3102,
0.3912

 47.2005, 0.3074,
0.4215


176.9966, 0.3105,
0.3864

 33.1942, 0.3059,
0.4343


217.5995, 0.3108,
0.3824

 22.2753, 0.3038,
0.4511

263.9805, 0.3111,
0.3788

 14.0593, 0.3003,
0.4741

316.5240, 0.3112,
0.3758

 8.1619, 0.2943,
0.5072


375.6145, 0.3114,


 4.1987, 0.2827,


0.3730


0.5584


441.6362, 0.3115,
0.3706


 1.7853, 0.2826,
0.7174

 0.4780, 0.0000,
1.0000


 86.0129, 0.3092,
0.4034


 86.0129, 0.3092,
0.4034

 82.0201, 0.3076,
0.4378


 90.7681, 0.3107,
0.3719

 78.7574, 0.3059,
0.4740

 96.3308, 0.3120,
0.3438

 76.1784, 0.3042,
0.5098

100.0000, 0.3127,
0.3290

 74.2344, 0.3027,
0.5425

■ 72.8706, 0.3014,
0.5694

■ 72.0227, 0.3005,
0.5881

■ 71.6109, 0.3001,
0.5978

■ 71.5204, 0.3000,
0.6000

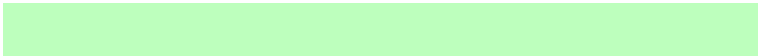
Harmonies

Analogous

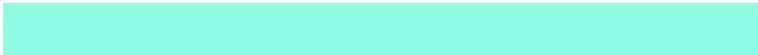
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



86.0129, 0.3554, 0.4143



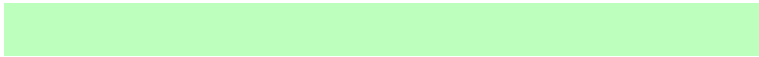
86.0129, 0.3092, 0.4034



86.0129, 0.2660, 0.3668

Triad

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



86.0129, 0.3092, 0.4034



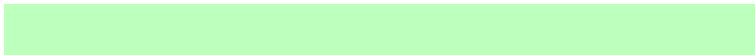
86.0129, 0.2372, 0.2580



86.0129, 0.3948, 0.3295

Complementary

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



86.0129, 0.3092, 0.4034



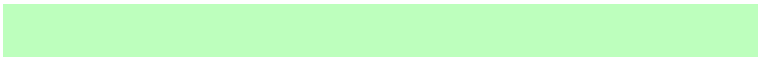
64.8609, 0.3158, 0.2644

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.



86.0129, 0.3583, 0.2941



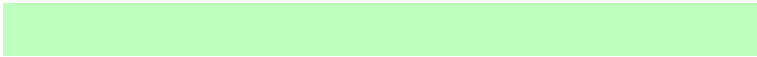
86.0129, 0.3092, 0.4034



86.0129, 0.2667, 0.2542

Square

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



86.0129, 0.3092, 0.4034



86.0129, 0.2266, 0.2805



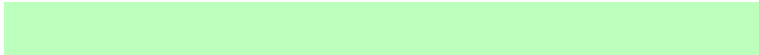
86.0129, 0.3106, 0.2673



86.0129, 0.4070, 0.3670

Rectangle

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



86.0129, 0.3092, 0.4034



86.0129, 0.2444, 0.3355



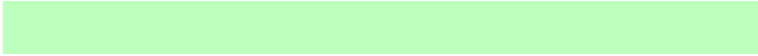
86.0129, 0.3106, 0.2673



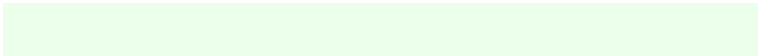
86.0129, 0.3848, 0.3171

Sweetspot

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



86.0102, 0.3092, 0.4034



95.0900, 0.3117, 0.3495



96.4530, 0.3520, 0.3939



20.1684, 0.3116, 0.3536



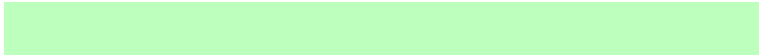
0.0000, 0.0000, 0.0000



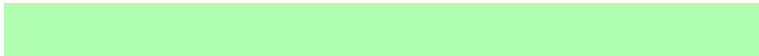
21.4041, 0.3127, 0.3290

Same Dimension

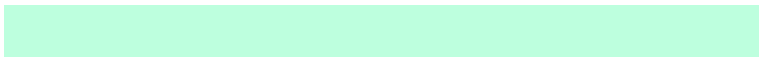
The Same Dimension uses a secret algorithm to generate beautiful new colors.



86.0102, 0.3092, 0.4034



83.8789, 0.3084, 0.4207



87.6086, 0.2915, 0.3653



20.1684, 0.3116, 0.3536



37.3710, 0.3000, 0.6000



3.6387, 0.3000, 0.5999

Inverse Universe

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



64.8609, 0.3158, 0.2644



59.5077, 0.3164, 0.2517



62.9169, 0.3410, 0.2955



18.3002, 0.3138, 0.3056



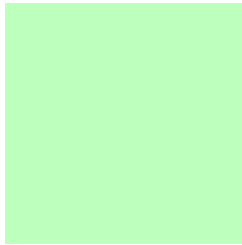
14.8759, 0.3211, 0.1542



1.4485, 0.3211, 0.1542

Previews

White Background



This preview shows how the Yxy color 86.0129, 0.3092, 0.4034 looks on a white background.

Color Contrast Check

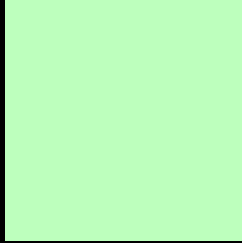
Large Text (above 18pt) WCAG AA × Fail

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 86.0129, 0.3092, 0.4034 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 86.0129, 0.3092, 0.4034

Background



This preview shows how black text looks on a background with the Yxy color 86.0129, 0.3092, 0.4034.

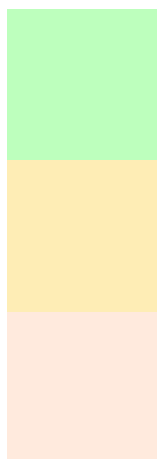


This preview shows how white text looks on a background with the Yxy color 86.0129, 0.3092, 0.4034.

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

86.0129, 0.3092, 0.4034

Protanopia

84.9754, 0.3607, 0.3855

Deuteranopia

85.3261, 0.3355, 0.3420



Tritanopia

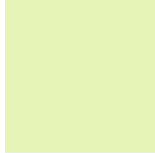
85.4760, 0.2895, 0.3156

Trichromacy



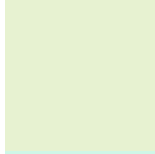
Original Color

86.0129, 0.3092, 0.4034



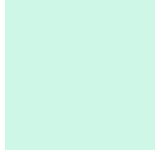
Protanomaly

84.9851, 0.3401, 0.3926



Deuteranomaly

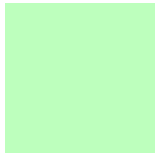
85.0966, 0.3256, 0.3636



Tritanomaly

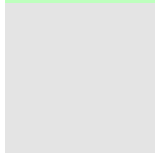
85.5564, 0.2970, 0.3461

Monochromacy



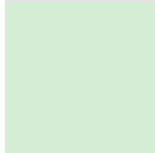
Original Color

86.0129, 0.3092, 0.4034



Achromatopsia

77.5822, 0.3127, 0.3290



Achromatomaly

80.3003, 0.3115, 0.3551

CSS Examples

Text

The CSS property to change the color of the text to Yxy 86.0129, 0.3092, 0.4034 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(189, 255, 189)` looks like.

```
.text, #text, p{  
    color:rgb(189, 255, 189)  
}
```

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(189, 255, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 255, 189) }
```

Border

The CSS property to change the border of an element to Yxy 86.0129, 0.3092, 0.4034 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(189, 255, 189) }
```

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

```
.border{ border-color:rgb(189, 255, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 255, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 255, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 255, 189);  
box-shadow:4px 4px 4px 4px rgb(189, 255,  
189) }
```


Background

The CSS property to change the background color of an element to Yxy 86.0129, 0.3092, 0.4034 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 255, 189) }
```

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

```
.background{ background-color: rgb(189,  
255, 189) }
```

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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