

Converting Colors

Yxy(86.4318, 0.3094, 0.4003)

Have a look what the booklet for
Yxy(86.4318, 0.3094, 0.4003)
contains.

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Color

Yxy(86.3580, 0.3093, 0.4008)

Conversions

Conversions Part 1

Format	Color
Hex	BFFFBF
RGB	191, 255, 191
RGB Percent	75%, 100%, 75%
CMY	0.2512, 0.0000, 0.2509
CMYK	0.25, 0.00, 0.25, 0.00
HSL	120°, 100%, 87%
HSV	120°, 25%, 100%
XYZ	66.6430, 86.3580, 62.4630
YIQ	228.5680, -17.6000, -33.4720

Conversions

Conversions Part 2

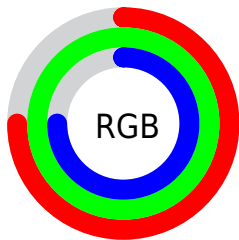
Format	Color
RYB	191, 255, 255
Decimal	12582847
CIELab	94.47, -31.95, 24.28
CIElCh	94, 40.123, 142.770
Yxy	86.3580, 0.3093, 0.4008
Android (android.graphics.Color)	4290772927 (0xFFBFFBF)
YUV	228.5680, -18.5210, -32.9471
Hunter-Lab	92.9290, -34.6164, 25.1980

Details

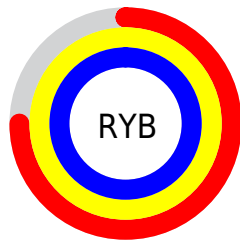
The Yxy color **86.3580, 0.3093, 0.4008** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **65.7152, 0.3157, 0.2663**, and the grayscale version is **78.1595, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.2538, 0.3124, 0.3358**, and **47.4285, 0.3078, 0.4187** is the 20% darker color. If you saturate the color by 10%, you get **82.3050, 0.3077, 0.4350**, and if you desaturate by 10%, it is **91.1715, 0.3108, 0.3696**.

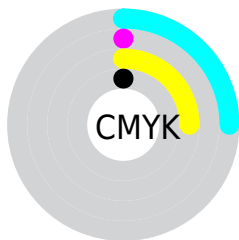
Distribution



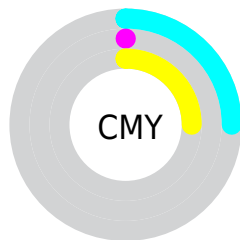
- Red (75%)
- Green (100%)
- Blue (75%)



- Red (75%)
- Yellow (100%)
- Blue (100%)



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





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

Brightness & Saturation Gradients


These gradients show how the Yxy color 86.3580, 0.3093, 0.4008 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 86.3580, 0.3093, 0.4008 by changing the saturation by 10% instead.


 86.3580, 0.3093,
0.4008

 86.3580, 0.3093,
0.4008

516.1109, 0.3116,
0.3671

 64.9641, 0.3086,
0.4086


 142.2690, 0.3103,
0.3890

 47.4319, 0.3076,
0.4182


177.5548, 0.3106,
0.3845

 33.3772, 0.3062,
0.4305


218.2400, 0.3108,
0.3806

 22.4156, 0.3042,
0.4467

264.7090, 0.3111,
0.3772

 14.1626, 0.3009,
0.4687

317.3462, 0.3112,
0.3742

 8.2338, 0.2953,
0.5004


376.5360, 0.3114,


 4.2449, 0.2846,


0.3715


0.5495


442.6628, 0.3115,
0.3692


 1.8115, 0.2854,
0.6967


 0.4943, 0.0000,
1.0000


 86.3580, 0.3093,
0.4008


 86.3580, 0.3093,
0.4008

 82.3050, 0.3077,
0.4350

 91.1715, 0.3108,
0.3696

 78.9875, 0.3060,
0.4710

 96.7975, 0.3121,
0.3418

 76.3570, 0.3043,
0.5070

100.0000, 0.3127,
0.3290

 74.3654, 0.3027,
0.5401

■ 72.9583, 0.3015,
0.5675

■ 72.0725, 0.3006,
0.5869

■ 71.6299, 0.3001,
0.5973

■ 71.5207, 0.3000,
0.5999

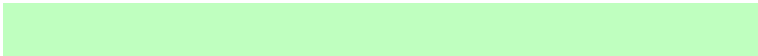
Harmonies

Analogous

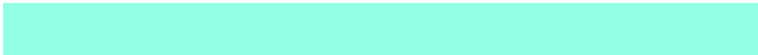
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



86.3580, 0.3541, 0.4115



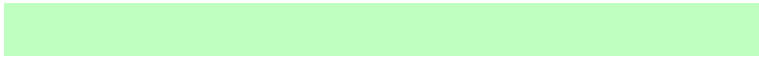
86.3580, 0.3093, 0.4008



86.3580, 0.2674, 0.3655

Triad

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



86.3580, 0.3093, 0.4008



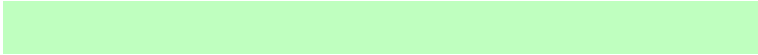
86.3580, 0.2394, 0.2601



86.3580, 0.3922, 0.3297

Complementary

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



86.3580, 0.3093, 0.4008



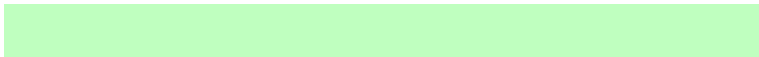
65.7152, 0.3157, 0.2663

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.



86.3580, 0.3570, 0.2952



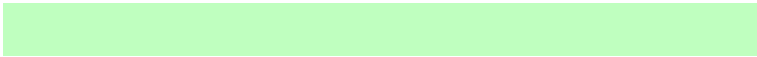
86.3580, 0.3093, 0.4008



86.3580, 0.2683, 0.2563

Square

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



86.3580, 0.3093, 0.4008



86.3580, 0.2291, 0.2820



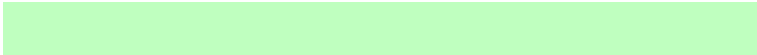
86.3580, 0.3108, 0.2692



86.3580, 0.4040, 0.3662

Rectangle

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



86.3580, 0.3093, 0.4008



86.3580, 0.2464, 0.3352



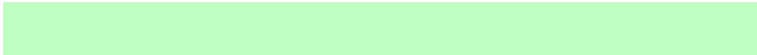
86.3580, 0.3108, 0.2692



86.3580, 0.3826, 0.3176

Sweetspot

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



86.3530, 0.3093, 0.4008



95.0907, 0.3117, 0.3494



96.5394, 0.3508, 0.3920



20.1686, 0.3115, 0.3535



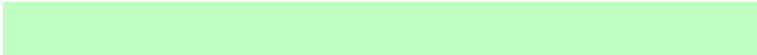
0.0000, 0.0000, 0.0000



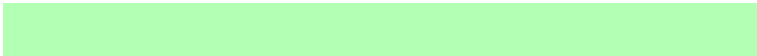
21.4041, 0.3127, 0.3290

Same Dimension

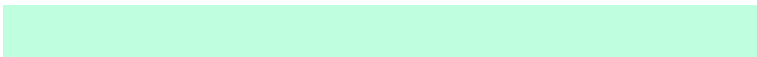
The Same Dimension uses a secret algorithm to generate beautiful new colors.



86.3530, 0.3093, 0.4008



84.2825, 0.3085, 0.4172



87.9164, 0.2921, 0.3640



20.1686, 0.3115, 0.3535



37.3713, 0.3000, 0.5999



3.6388, 0.2999, 0.5997

Inverse Universe

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



65.7152, 0.3157, 0.2663



60.5140, 0.3163, 0.2542



63.8267, 0.3399, 0.2965



18.3000, 0.3138, 0.3056



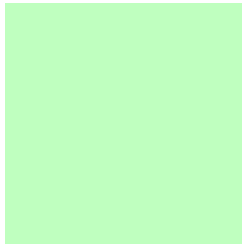
14.8709, 0.3212, 0.1543



1.4481, 0.3212, 0.1543

Previews

White Background



This preview shows how the Yxy color 86.3580, 0.3093, 0.4008 looks on a white background.

Color Contrast Check

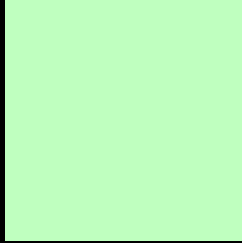
Large Text (above 18pt) WCAG AA × Fail

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 86.3580, 0.3093, 0.4008 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

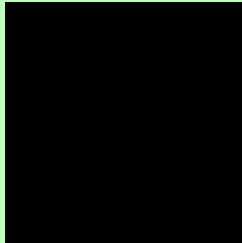
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

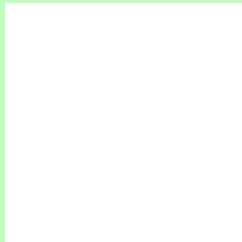
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 86.3580, 0.3093, 0.4008

Background



This preview shows how black text looks on a background with the Yxy color 86.3580, 0.3093, 0.4008.

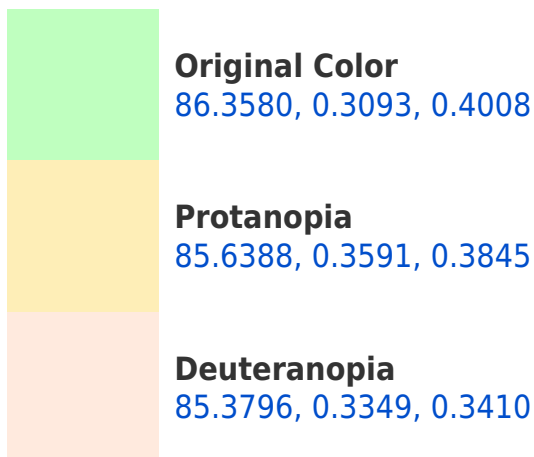


This preview shows how white text looks on a background with the Yxy color 86.3580, 0.3093, 0.4008.

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

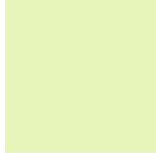
86.2266, 0.2901, 0.3166

Trichromacy



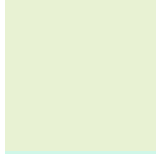
Original Color

86.3580, 0.3093, 0.4008



Protanomaly

85.2355, 0.3396, 0.3903



Deuteranomaly

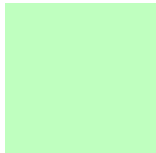
85.3632, 0.3251, 0.3614



Tritanomaly

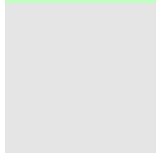
85.7576, 0.2970, 0.3450

Monochromacy



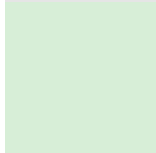
Original Color

86.3580, 0.3093, 0.4008



Achromatopsia

78.3538, 0.3127, 0.3290



Achromatomaly

80.5024, 0.3115, 0.3539

CSS Examples

Text

The CSS property to change the color of the text to Yxy 86.3580, 0.3093, 0.4008 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(191, 255, 191)` looks like.

```
.text, #text, p{  
    color:rgb(191, 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(191, 255, 191) colored shadow looks like.

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

Border

The CSS property to change the border of an element to Yxy 86.3580, 0.3093, 0.4008 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(191, 255, 191) }
```

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

```
.border{ border-color:rgb(191, 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(191, 255, 191) colored shadow looks like.

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


Background

The CSS property to change the background color of an element to Yxy 86.3580, 0.3093, 0.4008 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 255, 191) }
```

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

```
.background{ background-color: rgb(191,  
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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