

Converting Colors

Yxy(86.4139, 0.3108, 0.4026)

Have a look what the booklet for
Yxy(86.4139, 0.3108, 0.4026)
contains.

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Color

Yxy(86.4006, 0.3110, 0.4030)

Conversions

Conversions Part 1

Format	Color
Hex	C0FFBD
RGB	192, 255, 189
RGB Percent	75%, 100%, 74%
CMY	0.2472, 0.0000, 0.2587
CMYK	0.25, 0.00, 0.26, 0.00
HSL	117°, 100%, 87%
HSV	117°, 26%, 100%
XYZ	66.6764, 86.4006, 61.3166
YIQ	228.6390, -16.3620, -33.8820

Conversions

Conversions Part 2

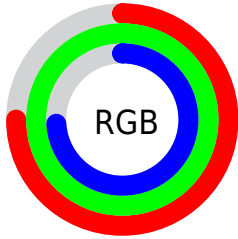
Format	Color
RYB	189, 255, 252
Decimal	12648381
CIELab	94.48, -31.95, 25.33
CIElCh	94, 40.773, 141.594
Yxy	86.4006, 0.3110, 0.4030
Android (android.graphics.Color)	4290838461 (0xFFC0FFBD)
YUV	228.6390, -19.5420, -32.1324
Hunter-Lab	92.9519, -34.6240, 25.9552

Details

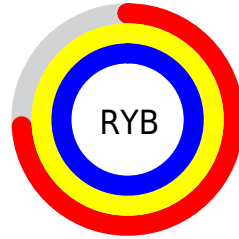
The Yxy color **86.4006, 0.3110, 0.4030** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **64.3309, 0.3135, 0.2639**, and the grayscale version is **78.2213, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.3136, 0.3142, 0.3377**, and **47.4558, 0.3099, 0.4215** is the 20% darker color. If you saturate the color by 10%, you get **82.4629, 0.3100, 0.4371**, and if you desaturate by 10%, it is **91.0494, 0.3118, 0.3717**.

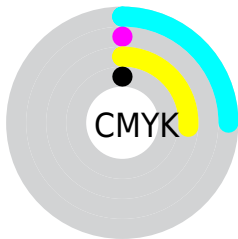
Distribution



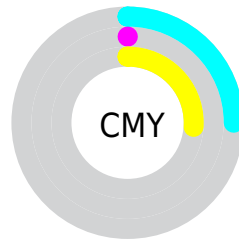
- Red (75%)
- Green (100%)
- Blue (74%)



- Red (74%)
- Yellow (100%)
- Blue (99%)



- Cyan (25%)
- Magenta (0%)
- Yellow (26%)
- Black (0%)



- Cyan (25%)
- Magenta (0%)
- Yellow (26%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 86.4006, 0.3110, 0.4030 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 86.4006, 0.3110, 0.4030 by changing the saturation by 10% instead.

 86.4006, 0.3110,
0.4030

 86.4006, 0.3110,
0.4030

516.2512, 0.3126,
0.3683

 64.9993, 0.3104,
0.4110


 142.3284, 0.3117,
0.3909

 47.4605, 0.3096,
0.4210


177.6236, 0.3120,
0.3862

 33.3998, 0.3084,
0.4336


218.3190, 0.3121,
0.3821

 22.4329, 0.3066,
0.4502

264.7989, 0.3123,
0.3786

 14.1754, 0.3036,
0.4729

317.4476, 0.3124,
0.3756

 8.2427, 0.2984,
0.5055


376.6497, 0.3125,


 4.2507, 0.2879,

0.3728


0.5556


442.7894, 0.3126,
0.3704


 1.8147, 0.2908,
0.7092


 0.4963, 0.0000,
1.0000


 86.4006, 0.3110,
0.4030


 86.4006, 0.3110,
0.4030

 82.4629, 0.3100,
0.4371


 91.0494, 0.3118,
0.3717

 79.2153, 0.3087,
0.4728

 96.4580, 0.3124,
0.3438

 76.6135, 0.3072,
0.5082

100.0000, 0.3127,
0.3290

 74.6143, 0.3055,
0.5408

■ 73.1694, 0.3038,
0.5678

■ 72.2229, 0.3022,
0.5869

■ 71.7069, 0.3009,
0.5972

■ 71.5935, 0.3006,
0.5995

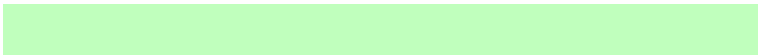
Harmonies

Analogous

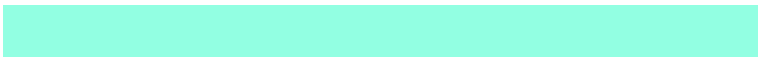
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



86.4006, 0.3564, 0.4127



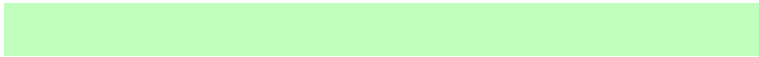
86.4006, 0.3110, 0.4030



86.4006, 0.2681, 0.3678

Triad

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



86.4006, 0.3110, 0.4030



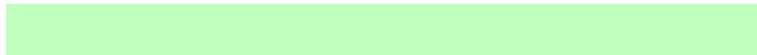
86.4006, 0.2376, 0.2596



86.4006, 0.3925, 0.3282

Complementary

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



86.4006, 0.3110, 0.4030



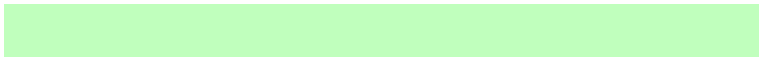
64.3309, 0.3135, 0.2639

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.



86.4006, 0.3560, 0.2935



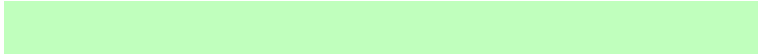
86.4006, 0.3110, 0.4030



86.4006, 0.2661, 0.2551

Square

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



86.4006, 0.3110, 0.4030



86.4006, 0.2279, 0.2824



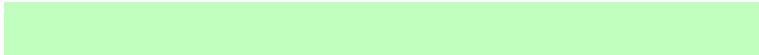
86.4006, 0.3089, 0.2675



86.4006, 0.4055, 0.3652

Rectangle

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



86.4006, 0.3110, 0.4030



86.4006, 0.2464, 0.3371



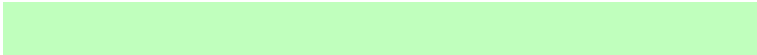
86.4006, 0.3089, 0.2675



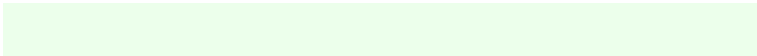
86.4006, 0.3824, 0.3160

Sweetspot

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



86.3956, 0.3110, 0.4030



95.2438, 0.3123, 0.3494



94.3681, 0.3527, 0.3909



20.2067, 0.3122, 0.3535



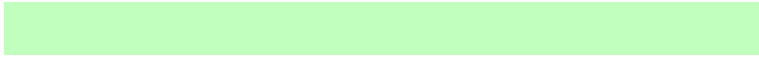
0.0000, 0.0000, 0.0000



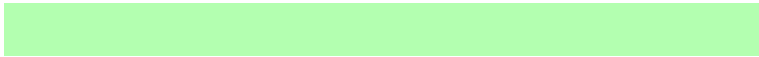
21.4041, 0.3127, 0.3290

Same Dimension

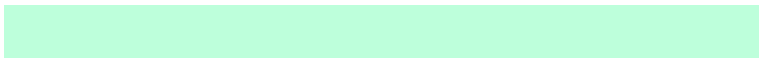
The Same Dimension uses a secret algorithm to generate beautiful new colors.



86.3956, 0.3110, 0.4030



84.2921, 0.3105, 0.4202



87.4405, 0.2933, 0.3690



20.2067, 0.3122, 0.3535



37.4257, 0.3009, 0.5993



3.6570, 0.3031, 0.5976

Inverse Universe

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



64.3309, 0.3135, 0.2639



58.8500, 0.3136, 0.2510



63.1166, 0.3383, 0.2922



18.2568, 0.3131, 0.3055



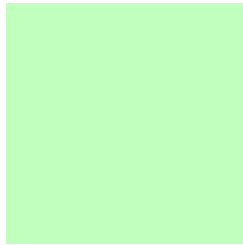
13.8080, 0.3098, 0.1480



1.3567, 0.3111, 0.1488

Previews

White Background



This preview shows how the Yxy color 86.4006, 0.3110, 0.4030 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 86.4006, 0.3110, 0.4030 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

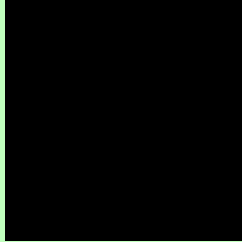
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

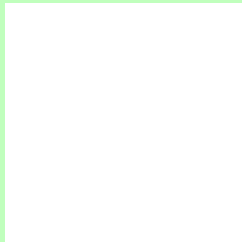
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 86.4006, 0.3110, 0.4030

Background



This preview shows how black text looks on a background with the Yxy color 86.4006, 0.3110, 0.4030.

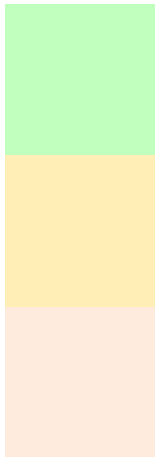


This preview shows how white text looks on a background with the Yxy color 86.4006, 0.3110, 0.4030.

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

86.4006, 0.3110, 0.4030

Protanopia

85.7453, 0.3612, 0.3863

Deuteranopia

85.9506, 0.3347, 0.3420



Tritanopia

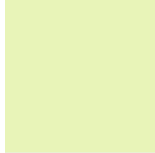
86.3813, 0.2907, 0.3167

Trichromacy



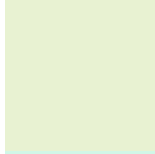
Original Color

86.4006, 0.3110, 0.4030



Protanomaly

85.3179, 0.3415, 0.3923



Deuteranomaly

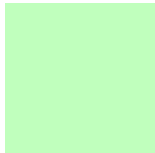
85.3132, 0.3257, 0.3625



Tritanomaly

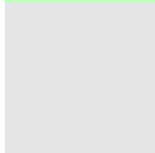
85.8464, 0.2982, 0.3460

Monochromacy



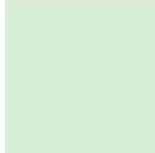
Original Color

86.4006, 0.3110, 0.4030



Achromatopsia

78.3538, 0.3127, 0.3290



Achromatomaly

80.6030, 0.3128, 0.3550

CSS Examples

Text

The CSS property to change the color of the text to Yxy 86.4006, 0.3110, 0.4030 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(192, 255, 189)` looks like.

```
.text, #text, p{  
    color:rgb(192, 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(192, 255, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 255, 189) }
```

Border

The CSS property to change the border of an element to Yxy 86.4006, 0.3110, 0.4030 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(192, 255, 189) }
```

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

```
.border{ border-color:rgb(192, 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(192, 255, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(192, 255, 189); -webkit-box-shadow:4px 4px 4px 4px rgb(192, 255, 189); box-shadow:4px 4px 4px 4px rgb(192, 255, 189) }
```


Background

The CSS property to change the background color of an element to Yxy 86.4006, 0.3110, 0.4030 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 255, 189) }
```

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

```
.background{ background-color: rgb(192,  
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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