

Converting Colors

$Yxy(86.3682, 0.3086, 0.3997)$

Have a look what the booklet for
Yxy(86.3682, 0.3086, 0.3997)
contains.

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Color

Yxy(86.4021, 0.3088, 0.3997)

Conversions

Conversions Part 1

Format	Color
Hex	BFFFC0
RGB	191, 255, 192
RGB Percent	75%, 100%, 75%
CMY	0.2511, 0.0000, 0.2472
CMYK	0.25, 0.00, 0.25, 0.00
HSL	121°, 100%, 87%
HSV	121°, 25%, 100%
XYZ	66.7525, 86.4021, 63.0128
YIQ	228.6820, -17.9210, -33.1610

Conversions

Conversions Part 2

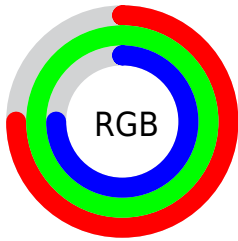
Format	Color
RYB	191, 254, 255
Decimal	12582848
CIELab	94.48, -31.78, 23.82
CIElCh	94, 39.720, 143.149
Yxy	86.4021, 0.3088, 0.3997
Android (android.graphics.Color)	4290772928 (0xFFBFFFC0)
YUV	228.6820, -18.0842, -33.0471
Hunter-Lab	92.9527, -34.4804, 24.8741

Details

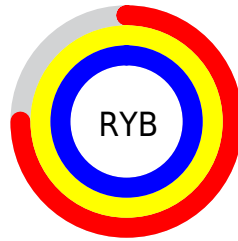
The Yxy color **86.4021, 0.3088, 0.3997** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **65.6650, 0.3164, 0.2672**, and the grayscale version is **78.2447, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.3160, 0.3118, 0.3348**, and **47.4574, 0.3071, 0.4172** is the 20% darker color. If you saturate the color by 10%, you get **82.3555, 0.3070, 0.4334**, and if you desaturate by 10%, it is **91.2047, 0.3105, 0.3689**.

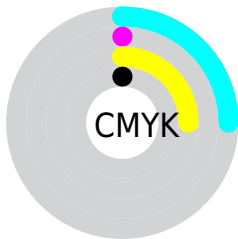
Distribution



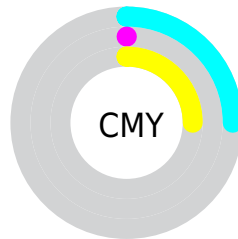
- Red (75%)
- Green (100%)
- Blue (75%)



- 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 86.4021, 0.3088, 0.3997 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 86.4021, 0.3088, 0.3997 by changing the saturation by 10% instead.


 86.4021, 0.3088,
0.3997

 86.4021, 0.3088,
0.3997

516.2562, 0.3113,
0.3665

 65.0005, 0.3080,
0.4074


 142.3305, 0.3098,
0.3881

 47.4615, 0.3070,
0.4169


177.6261, 0.3102,
0.3836

 33.4006, 0.3056,
0.4290


218.3218, 0.3105,
0.3798

 22.4335, 0.3035,
0.4448

264.8020, 0.3107,
0.3764

 14.1758, 0.3002,
0.4665

317.4512, 0.3109,
0.3735

 8.2430, 0.2946,
0.4977


376.6537, 0.3111,


 4.2509, 0.2839,


0.3709


0.5461


442.7939, 0.3112,
0.3686


 1.8149, 0.2830,
0.6865


 0.4964, 0.0000,
1.0000


 86.4021, 0.3088,
0.3997


 86.4021, 0.3088,
0.3997

 82.3555, 0.3070,
0.4334


 91.2047, 0.3105,
0.3689

 79.0393, 0.3052,
0.4690

 96.8137, 0.3120,
0.3416

 76.4059, 0.3035,
0.5046

100.0000, 0.3127,
0.3290

 74.4078, 0.3020,
0.5377

■ 72.9913, 0.3008,
0.5654

■ 72.0943, 0.3001,
0.5854

■ 71.6398, 0.2999,
0.5966

■ 71.5288, 0.2998,
0.5993

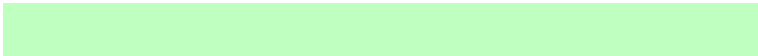
Harmonies

Analogous

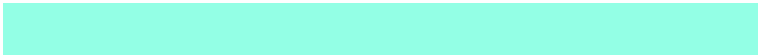
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



86.4021, 0.3532, 0.4107



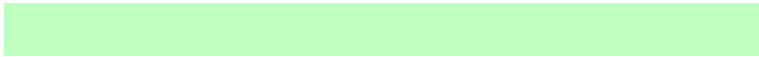
86.4021, 0.3088, 0.3997



86.4021, 0.2674, 0.3646

Triad

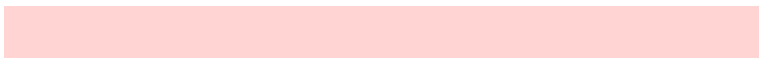
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



86.4021, 0.3088, 0.3997



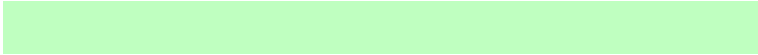
86.4021, 0.2404, 0.2606



86.4021, 0.3917, 0.3302

Complementary

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



86.4021, 0.3088, 0.3997



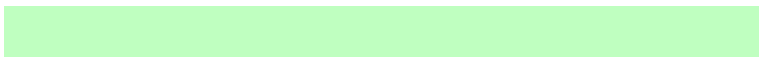
65.6650, 0.3164, 0.2672

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.



86.4021, 0.3571, 0.2960



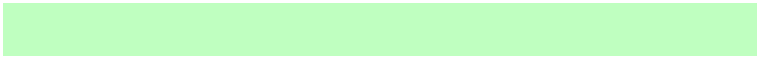
86.4021, 0.3088, 0.3997



86.4021, 0.2692, 0.2571

Square

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



86.4021, 0.3088, 0.3997



86.4021, 0.2299, 0.2821



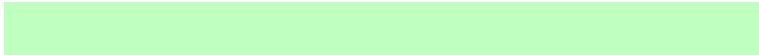
86.4021, 0.3115, 0.2700



86.4021, 0.4031, 0.3663

Rectangle

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



86.4021, 0.3088, 0.3997



86.4021, 0.2467, 0.3346



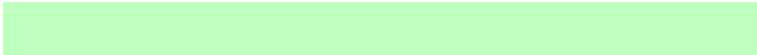
86.4021, 0.3115, 0.2700



86.4021, 0.3823, 0.3182

Sweetspot

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



86.3975, 0.3088, 0.3997



95.1077, 0.3116, 0.3491



96.5404, 0.3508, 0.3920



20.1728, 0.3113, 0.3532



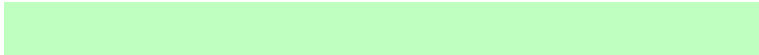
0.0000, 0.0000, 0.0000



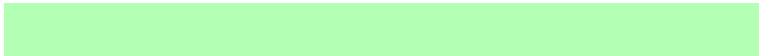
21.4041, 0.3127, 0.3290

Same Dimension

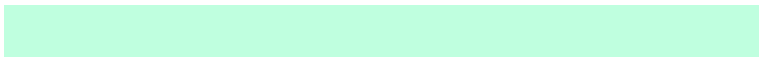
The Same Dimension uses a secret algorithm to generate beautiful new colors.



86.3975, 0.3088, 0.3997



84.3273, 0.3079, 0.4159



87.9197, 0.2921, 0.3640



20.1728, 0.3113, 0.3532



37.3773, 0.2997, 0.5991



3.6408, 0.2991, 0.5968

Inverse Universe

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



65.6650, 0.3164, 0.2672



60.4431, 0.3171, 0.2552



63.8365, 0.3399, 0.2965



18.2952, 0.3141, 0.3060



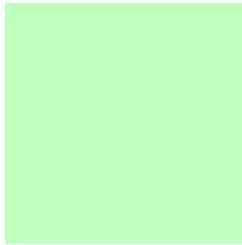
14.7506, 0.3249, 0.1563



1.4377, 0.3244, 0.1561

Previews

White Background



This preview shows how the Yxy color 86.4021, 0.3088, 0.3997 looks on a white background.

Color Contrast Check

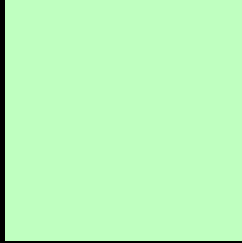
Large Text (above 18pt) WCAG AA × Fail

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 86.4021, 0.3088, 0.3997 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

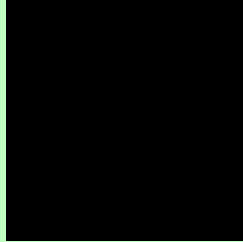
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 86.4021, 0.3088, 0.3997

Background



This preview shows how black text looks on a background with the Yxy color 86.4021, 0.3088, 0.3997.

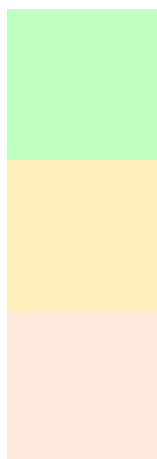


This preview shows how white text looks on a background with the Yxy color 86.4021, 0.3088, 0.3997.

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

86.4021, 0.3088, 0.3997

Protanopia

85.6806, 0.3585, 0.3835

Deuteranopia

85.9506, 0.3347, 0.3420



Tritanopia

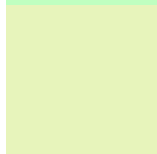
86.2266, 0.2901, 0.3166

Trichromacy



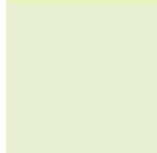
Original Color

86.4021, 0.3088, 0.3997



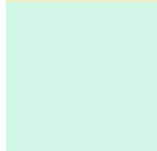
Protanomaly

85.2781, 0.3390, 0.3892



Deuteranomaly

85.3632, 0.3251, 0.3614



Tritanomaly

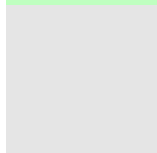
85.7576, 0.2970, 0.3450

Monochromacy



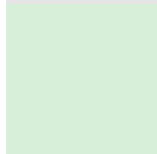
Original Color

86.4021, 0.3088, 0.3997



Achromatopsia

78.3538, 0.3127, 0.3290



Achromatomaly

80.5540, 0.3109, 0.3528

CSS Examples

Text

The CSS property to change the color of the text to Yxy 86.4021, 0.3088, 0.3997 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, 192)` looks like.

```
.text, #text, p{  
    color:rgb(191, 255, 192)  
}
```

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, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 255, 192) }
```

Border

The CSS property to change the border of an element to Yxy 86.4021, 0.3088, 0.3997 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, 192) }
```

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

```
.border{ border-color:rgb(191, 255, 192) }
```

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, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 255, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 255, 192);  
box-shadow:4px 4px 4px 4px rgb(191, 255,  
192) }
```


Background

The CSS property to change the background color of an element to Yxy 86.4021, 0.3088, 0.3997 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, 192) }
```

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

```
.background{ background-color: rgb(191,  
255, 192) }
```

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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