

Converting Colors

Yxy(84.0674, 0.3287, 0.4216)

Have a look what the booklet for
Yxy(84.0674, 0.3287, 0.4216)
contains.

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Color

Yxy(84.2390, 0.3287, 0.4218)

Conversions

Conversions Part 1

Format	Color
Hex	C9FBA8
RGB	201, 251, 168
RGB Percent	79%, 98%, 66%
CMY	0.2118, 0.0156, 0.3413
CMYK	0.20, 0.00, 0.33, 0.02
HSL	96°, 91%, 82%
HSV	96°, 33%, 98%
XYZ	65.6457, 84.2390, 49.8284
YIQ	226.5880, -3.1570, -36.4130

Conversions

Conversions Part 2

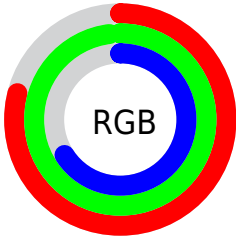
Format	Color
RYB	168, 251, 218
Decimal	13237160
CIELab	93.55, -30.25, 34.76
CIELCh	94, 46.080, 131.026
Yxy	84.2390, 0.3287, 0.4218
Android (android.graphics.Color)	4291427240 (0xFFC9FBA8)
YUV	226.5880, -28.8839, -22.4407
Hunter-Lab	91.7818, -32.9484, 32.0587

Details

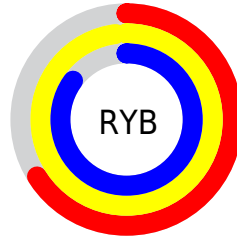
The Yxy color **84.2390, 0.3287, 0.4218** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **49.8643, 0.2901, 0.2398**, and the grayscale version is **76.7139, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.1618, 0.3310, 0.3592**, and **45.9324, 0.3310, 0.4440** is the 20% darker color. If you saturate the color by 10%, you get **81.4023, 0.3323, 0.4533**, and if you desaturate by 10%, it is **87.4699, 0.3243, 0.3913**.

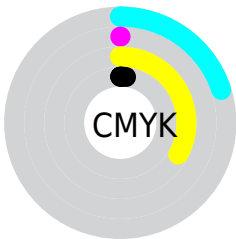
Distribution



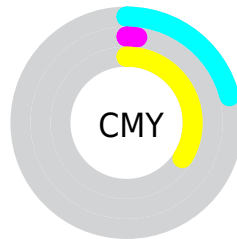
- Red (79%)
- Green (98%)
- Blue (66%)



- Red (66%)
- Yellow (98%)
- Blue (85%)



- Cyan (20%)
- Magenta (0%)
- Yellow (33%)
- Black (2%)




- Cyan (21%)
- Magenta (2%)
- Yellow (34%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 84.2390, 0.3287, 0.4218 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 84.2390, 0.3287, 0.4218 by changing the saturation by 10% instead.


 84.2390, 0.3287,
0.4218

 84.2390, 0.3287,
0.4218


509.1066, 0.3228,
0.3781

 63.2128, 0.3297,
0.4319

 139.3095, 0.3270,
0.4066

 46.0134, 0.3306,
0.4443


174.1225, 0.3262,
0.4006

 32.2564, 0.3315,
0.4601


214.2999, 0.3255,
0.3956

 21.5574, 0.3320,
0.4806

260.2261, 0.3249,
0.3912

 13.5320, 0.3316,
0.5082

312.2854, 0.3243,
0.3873

 7.7959, 0.3288,
0.5469


370.8624, 0.3237,


 3.9646, 0.3241,


0.3839


436.3413, 0.3232,
0.3808


0.6127


 1.6538, 0.2937,
0.7063


 0.3935, 0.0000,
1.0000


 84.2390, 0.3287,
0.4218


 84.2390, 0.3287,
0.4218


 81.4023, 0.3323,
0.4533


 87.4699, 0.3243,
0.3913


 78.9325, 0.3346,
0.4847

 91.0993, 0.3194,
0.3628

 76.8156, 0.3354,
0.5142

 95.1453, 0.3143,
0.3366

 75.0320, 0.3343,
0.5402

 97.4820, 0.3129,
0.3252

■ 73.5601, 0.3312,
0.5609

■ 72.3742, 0.3265,
0.5754

■ 71.6990, 0.3226,
0.5821

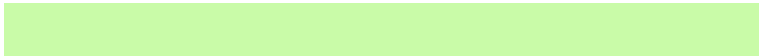
Harmonies

Analogous

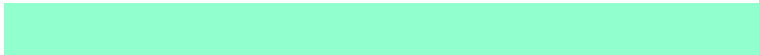
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



84.2390, 0.3778, 0.4207



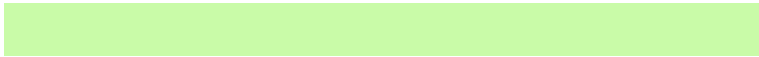
84.2390, 0.3287, 0.4218



84.2390, 0.2776, 0.3905

Triad

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



84.2390, 0.3287, 0.4218



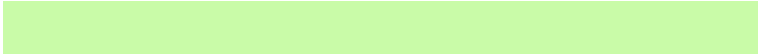
84.2390, 0.2217, 0.2569



84.2390, 0.3915, 0.3131

Complementary

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



84.2390, 0.3287, 0.4218



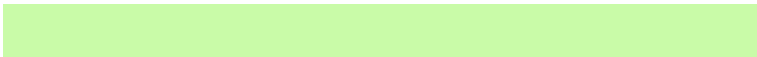
49.8643, 0.2901, 0.2398

Split Complementary

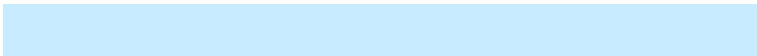
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



84.2390, 0.3433, 0.2772



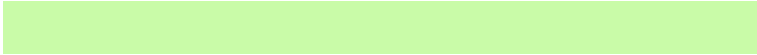
84.2390, 0.3287, 0.4218



84.2390, 0.2464, 0.2452

Square

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



84.2390, 0.3287, 0.4218



84.2390, 0.2187, 0.2894



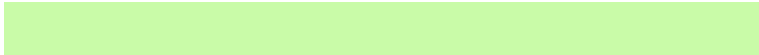
84.2390, 0.2897, 0.2530



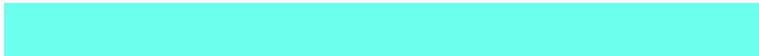
84.2390, 0.4169, 0.3545

Rectangle

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



84.2390, 0.3287, 0.4218



84.2390, 0.2493, 0.3569



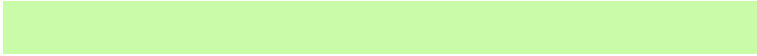
84.2390, 0.2897, 0.2530



84.2390, 0.3772, 0.3002

Sweetspot

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



84.2426, 0.3287, 0.4218



95.6669, 0.3178, 0.3545



73.3736, 0.3731, 0.3809



20.3539, 0.3186, 0.3582



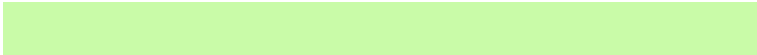
0.0000, 0.0000, 0.0000



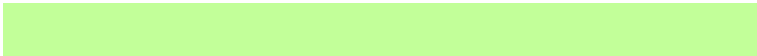
21.4041, 0.3127, 0.3290

Same Dimension

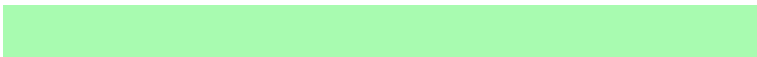
The Same Dimension uses a secret algorithm to generate beautiful new colors.



84.2426, 0.3287, 0.4218



85.2295, 0.3313, 0.4437



80.4686, 0.3037, 0.4177



19.6458, 0.3176, 0.3531



37.7627, 0.3237, 0.5812



3.5571, 0.3330, 0.5738

Inverse Universe

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



49.8643, 0.2901, 0.2398



44.3667, 0.2839, 0.2198



54.9581, 0.3232, 0.2540



17.1602, 0.3074, 0.3052



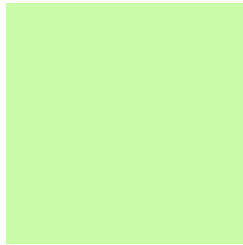
7.2175, 0.2236, 0.1005



0.7300, 0.2350, 0.1068

Previews

White Background



This preview shows how the Yxy color 84.2390, 0.3287, 0.4218 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 84.2390, 0.3287, 0.4218 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

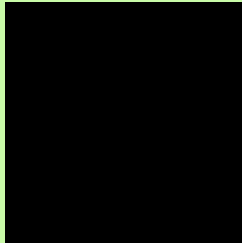
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

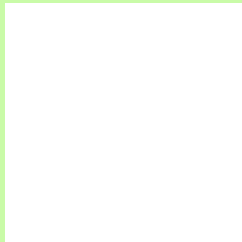
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 84.2390, 0.3287, 0.4218

Background



This preview shows how black text looks on a background with the Yxy color 84.2390, 0.3287, 0.4218.

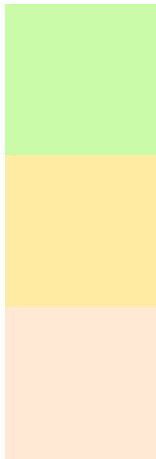


This preview shows how white text looks on a background with the Yxy color 84.2390, 0.3287, 0.4218.

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

84.2390, 0.3287, 0.4218

Protanopia

83.8595, 0.3740, 0.4034

Deuteranopia

83.7267, 0.3418, 0.3491



Tritanopia

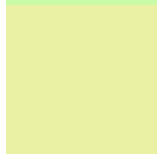
84.0131, 0.2906, 0.3125

Trichromacy



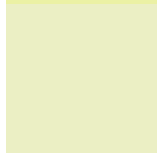
Original Color

84.2390, 0.3287, 0.4218



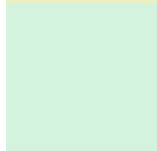
Protanomaly

83.2531, 0.3567, 0.4100



Deuteranomaly

83.3807, 0.3370, 0.3742



Tritanomaly

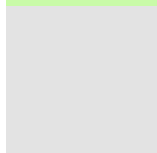
83.4259, 0.3047, 0.3505

Monochromacy



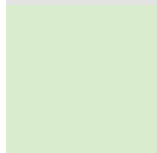
Original Color

84.2390, 0.3287, 0.4218



Achromatopsia

76.8151, 0.3127, 0.3290



Achromatomaly

79.3526, 0.3192, 0.3616

CSS Examples

Text

The CSS property to change the color of the text to Yxy 84.2390, 0.3287, 0.4218 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(201, 251, 168)` looks like.

```
.text, #text, p{  
    color:rgb(201, 251, 168)  
}
```

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(201, 251, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 251, 168) }
```

Border

The CSS property to change the border of an element to Yxy 84.2390, 0.3287, 0.4218 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(201, 251, 168) }
```

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

```
.border{ border-color:rgb(201, 251, 168) }
```

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

Here you see how a box with a 4 pixel rgb(201, 251, 168) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 251, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 251, 168);  
box-shadow:4px 4px 4px 4px rgb(201, 251,  
168) }
```


Background

The CSS property to change the background color of an element to Yxy 84.2390, 0.3287, 0.4218 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 251, 168) }
```

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

```
.background{ background-color: rgb(201,  
251, 168) }
```

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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