

Converting Colors

$Yxy(83.0055, 0.3042, 0.3771)$

Have a look what the booklet for
Yxy(83.0055, 0.3042, 0.3771)
contains.

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Color

Yxy(83.1447, 0.3043, 0.3771)

Conversions

Conversions Part 1

Format	Color
Hex	C3F8CD
RGB	195, 248, 205
RGB Percent	76%, 97%, 80%
CMY	0.2352, 0.0274, 0.1962
CMYK	0.21, 0.00, 0.17, 0.03
HSL	131°, 79%, 87%
HSV	131°, 21%, 97%
XYZ	67.0934, 83.1447, 70.2464
YIQ	227.2510, -17.7850, -24.6090

Conversions

Conversions Part 2

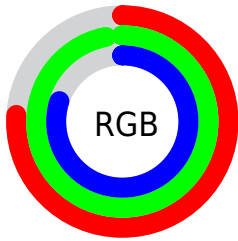
Format	Color
R _Y B	195, 240, 248
Decimal	12843213
CIE Lab	93.08, -24.97, 15.25
CIE LCh	93, 29.256, 148.586
Yxy	83.1447, 0.3043, 0.3771
Android (android.graphics.Color)	4291033293 (0xFFC3F8CD)
YUV	227.2510, -10.9697, -28.2841
Hunter-Lab	91.1837, -28.2303, 18.1526

Details

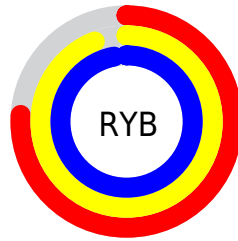
The Yxy color **83.1447, 0.3043, 0.3771** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **65.1752, 0.3225, 0.2852**, and the grayscale version is **77.1026, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.4354, 0.3109, 0.3290**, and **45.0714, 0.3014, 0.3878** is the 20% darker color. If you saturate the color by 10%, you get **79.2029, 0.3005, 0.4039**, and if you desaturate by 10%, it is **87.7675, 0.3082, 0.3530**.

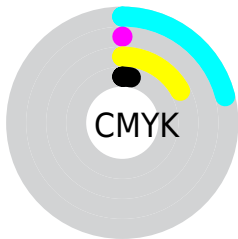
Distribution



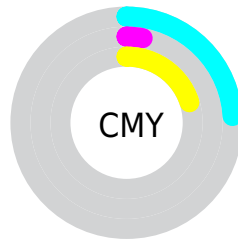
- Red (76%)
- Green (97%)
- Blue (80%)



- Red (76%)
- Yellow (94%)
- Blue (97%)



- Cyan (21%)
- Magenta (0%)
- Yellow (17%)
- Black (3%)




- Cyan (24%)
- Magenta (3%)
- Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 83.1447, 0.3043, 0.3771 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 83.1447, 0.3043, 0.3771 by changing the saturation by 10% instead.


 83.1447, 0.3043,
0.3771

 83.1447, 0.3043,
0.3771

505.4686, 0.3085,
0.3546

 62.3095, 0.3033,
0.3823


 137.7781, 0.3058,
0.3693

 45.2829, 0.3020,
0.3887


172.3451, 0.3064,
0.3662

 31.6803, 0.3003,
0.3969


212.2582, 0.3069,
0.3636

 21.1174, 0.2980,
0.4077

257.9018, 0.3073,
0.3613

 13.2099, 0.2947,
0.4225

309.6602, 0.3076,
0.3593

 7.5732, 0.2896,
0.4441


367.9179, 0.3079,


 3.8231, 0.2808,


0.3576

0.4781


433.0593, 0.3082,
0.3560

 1.5751, 0.2688,
0.5523

 0.3407, 0.0000,
1.0000


 83.1447, 0.3043,
0.3771


 83.1447, 0.3043,
0.3771


 79.2029, 0.3005,
0.4039


 87.7675, 0.3082,
0.3530

 75.8997, 0.2971,
0.4329

 93.0903, 0.3122,
0.3317

 73.2042, 0.2942,
0.4634

 95.6167, 0.3130,
0.3223

 71.0787, 0.2923,
0.4942

■ 69.4813, 0.2915,
0.5236

■ 68.3641, 0.2920,
0.5497

■ 67.6702, 0.2936,
0.5708

■ 67.3382, 0.2956,
0.5843

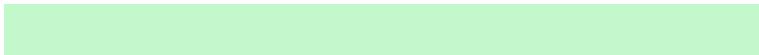
Harmonies

Analogous

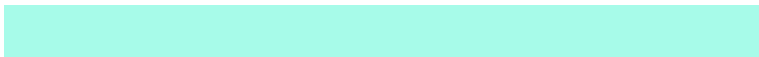
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



83.1447, 0.3379, 0.3893



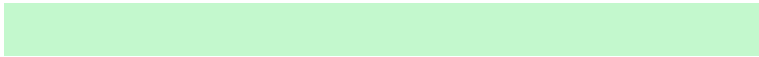
83.1447, 0.3043, 0.3771



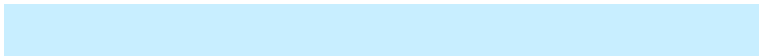
83.1447, 0.2741, 0.3496

Triad

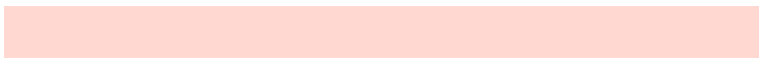
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



83.1447, 0.3043, 0.3771



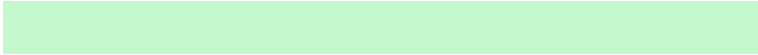
83.1447, 0.2609, 0.2758



83.1447, 0.3744, 0.3358

Complementary

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



83.1447, 0.3043, 0.3771



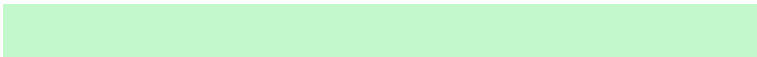
65.1752, 0.3225, 0.2852

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.



83.1447, 0.3515, 0.3086



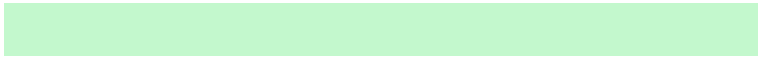
83.1447, 0.3043, 0.3771



83.1447, 0.2854, 0.2750

Square

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



83.1447, 0.3043, 0.3771



83.1447, 0.2500, 0.2904



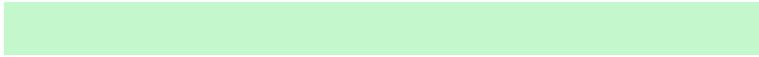
83.1447, 0.3185, 0.2869



83.1447, 0.3795, 0.3628

Rectangle

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



83.1447, 0.3043, 0.3771



83.1447, 0.2596, 0.3278



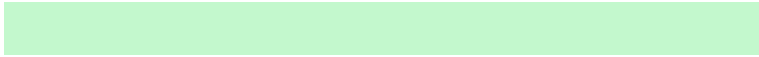
83.1447, 0.3185, 0.2869



83.1447, 0.3685, 0.3264

Sweetspot

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



83.1482, 0.3043, 0.3771



96.4379, 0.3104, 0.3413



89.3054, 0.3384, 0.3836



20.5623, 0.3101, 0.3427



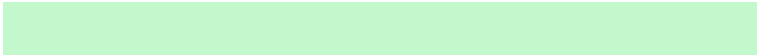
0.0000, 0.0000, 0.0000



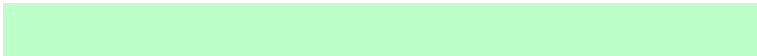
21.4041, 0.3127, 0.3290

Same Dimension

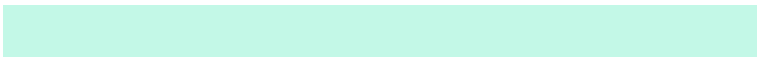
The Same Dimension uses a secret algorithm to generate beautiful new colors.



83.1482, 0.3043, 0.3771



86.5241, 0.3025, 0.3893



84.5245, 0.2898, 0.3472



19.3624, 0.3090, 0.3488



36.3900, 0.2951, 0.5822



3.3842, 0.2895, 0.5622

Inverse Universe

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



65.1752, 0.3225, 0.2852



63.9708, 0.3250, 0.2754



63.7419, 0.3426, 0.3115



17.4654, 0.3167, 0.3099



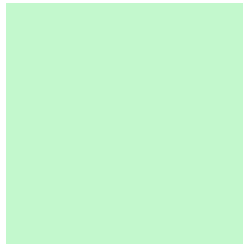
13.0902, 0.3750, 0.1839



1.2263, 0.3673, 0.1797

Previews

White Background



This preview shows how the Yxy color 83.1447, 0.3043, 0.3771 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 83.1447, 0.3043, 0.3771 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

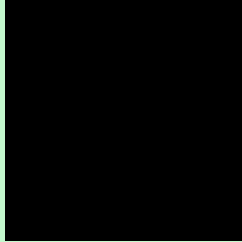
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

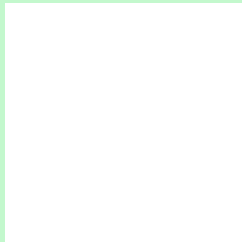
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 83.1447, 0.3043, 0.3771

Background



This preview shows how black text looks on a background with the Yxy color 83.1447, 0.3043, 0.3771.

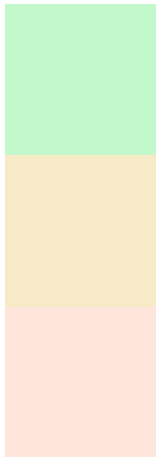


This preview shows how white text looks on a background with the Yxy color 83.1447, 0.3043, 0.3771.

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

83.1447, 0.3043, 0.3771

Protanopia

82.6970, 0.3451, 0.3660

Deuteranopia

82.4131, 0.3376, 0.3391



Tritanopia

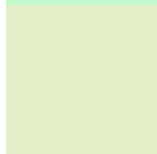
82.8019, 0.2858, 0.3122

Trichromacy



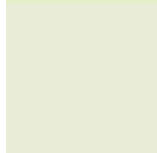
Original Color

83.1447, 0.3043, 0.3771



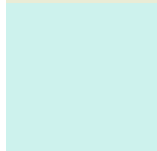
Protanomaly

82.4440, 0.3289, 0.3695



Deuteranomaly

82.1696, 0.3245, 0.3521



Tritanomaly

82.5978, 0.2923, 0.3343

Monochromacy



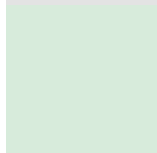
Original Color

83.1447, 0.3043, 0.3771



Achromatopsia

76.8151, 0.3127, 0.3290



Achromatomaly

78.9782, 0.3092, 0.3463

CSS Examples

Text

The CSS property to change the color of the text to Yxy 83.1447, 0.3043, 0.3771 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(195, 248, 205)` looks like.

```
.text, #text, p{  
    color:rgb(195, 248, 205)  
}
```

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(195, 248, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 248, 205) }
```

Border

The CSS property to change the border of an element to Yxy 83.1447, 0.3043, 0.3771 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(195, 248, 205) }
```

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

```
.border{ border-color:rgb(195, 248, 205) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 248, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 248, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 248, 205);  
box-shadow:4px 4px 4px 4px rgb(195, 248,  
205) }
```


Background

The CSS property to change the background color of an element to Yxy 83.1447, 0.3043, 0.3771 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 248, 205) }
```

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

```
.background{ background-color: rgb(195,  
248, 205) }
```

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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