

Converting Colors

$Yxy(88.4187, 0.3218, 0.4034)$

Have a look what the booklet for
Yxy(88.4187, 0.3218, 0.4034)
contains.

Yxy(88.3733, 0.3215, 0.4032)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(88.3733, 0.3215, 0.4032)

Conversions

Conversions Part 1

Format	Color
Hex	CFFFBB
RGB	207, 255, 187
RGB Percent	81%, 100%, 73%
CMY	0.1881, 0.0000, 0.2668
CMYK	0.19, 0.00, 0.27, 0.00
HSL	102°, 100%, 87%
HSV	102°, 27%, 100%
XYZ	70.4663, 88.3733, 60.3402
YIQ	232.8960, -6.7800, -31.3240

Conversions

Conversions Part 2

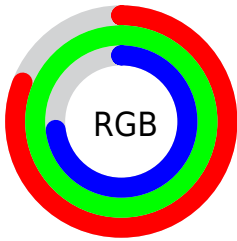
Format	Color
RYB	187, 255, 235
Decimal	13631419
CIELab	95.32, -27.28, 27.65
CIElCh	95, 38.845, 134.619
Yxy	88.3733, 0.3215, 0.4032
Android (android.graphics.Color)	4291821499 (0xFFCFFFB)
YUV	232.8960, -22.6267, -22.7108
Hunter-Lab	94.0071, -30.7114, 27.7486

Details

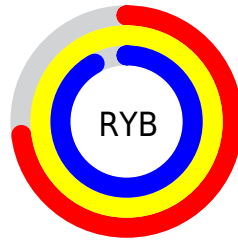
The Yxy color **88.3733, 0.3215, 0.4032** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **60.3998, 0.3006, 0.2592**, and the grayscale version is **81.5856, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.2511, 0.3197, 0.3405**, and **48.7570, 0.3229, 0.4212** is the 20% darker color. If you saturate the color by 10%, you get **84.9359, 0.3240, 0.4352**, and if you desaturate by 10%, it is **92.3072, 0.3184, 0.3732**.

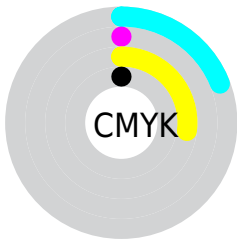
Distribution



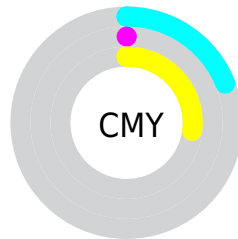
- Red (81%)
- Green (100%)
- Blue (73%)



- Red (73%)
- Yellow (100%)
- Blue (92%)



- Cyan (19%)
- Magenta (0%)
- Yellow (27%)
- Black (0%)





- Cyan (19%)
- Magenta (0%)
- Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 88.3733, 0.3215, 0.4032 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 88.3733, 0.3215, 0.4032 by changing the saturation by 10% instead.

 88.3733, 0.3215,
0.4032

 88.3733, 0.3215,
0.4032


522.7249, 0.3184,
0.3687

 66.6323, 0.3220,
0.4111


 145.0768, 0.3206,
0.3912

 48.7858, 0.3224,
0.4208

180.8080, 0.3202,
0.3865

 34.4496, 0.3228,
0.4332


221.9714, 0.3198,
0.3825

 23.2392, 0.3230,
0.4492

268.9514, 0.3195,
0.3790

 14.7703, 0.3227,
0.4708

322.1323, 0.3192,
0.3760

 8.6583, 0.3211,
0.5015

381.8986, 0.3189,

 4.5190, 0.3160,

0.3733

0.5475

448.6347, 0.3186,
0.3708

1.9679, 0.3256,
0.6744

0.5887, 0.0000,
1.0000

88.3733, 0.3215,
0.4032

88.3733, 0.3215,
0.4032

84.9359, 0.3240,
0.4352

92.3072, 0.3184,
0.3732

81.9633, 0.3257,
0.4682

96.7449, 0.3151,
0.3458

79.4379, 0.3262,
0.5006

100.0000, 0.3127,
0.3290

77.3361, 0.3253,
0.5306

■ 75.6322, 0.3228,
0.5560

■ 74.2970, 0.3190,
0.5751

■ 73.2959, 0.3141,
0.5871

■ 73.0242, 0.3125,
0.5901

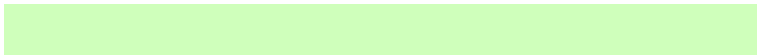
Harmonies

Analogous

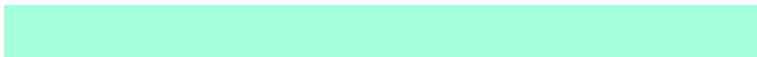
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



88.3733, 0.3632, 0.4066



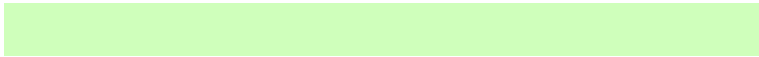
88.3733, 0.3215, 0.4032



88.3733, 0.2792, 0.3749

Triad

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



88.3733, 0.3215, 0.4032



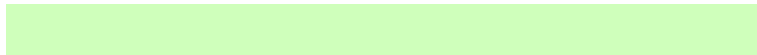
88.3733, 0.2375, 0.2667



88.3733, 0.3817, 0.3203

Complementary

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



88.3733, 0.3215, 0.4032



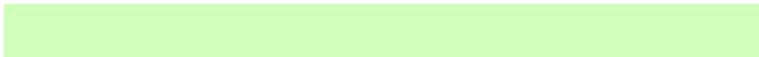
60.3998, 0.3006, 0.2592

Split Complementary

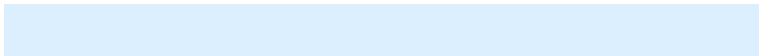
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



88.3733, 0.3437, 0.2886



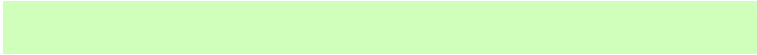
88.3733, 0.3215, 0.4032



88.3733, 0.2608, 0.2583

Square

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



88.3733, 0.3215, 0.4032



88.3733, 0.2327, 0.2926



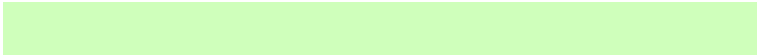
88.3733, 0.2990, 0.2665



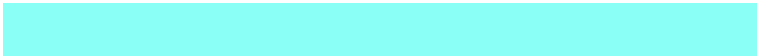
88.3733, 0.3999, 0.3556

Rectangle

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



88.3733, 0.3215, 0.4032



88.3733, 0.2563, 0.3471



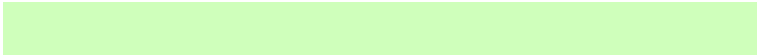
88.3733, 0.2990, 0.2665



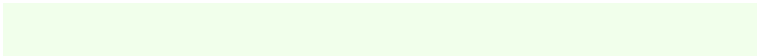
88.3733, 0.3707, 0.3090

Sweetspot

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



88.3771, 0.3215, 0.4032



96.1284, 0.3155, 0.3492



84.0296, 0.3581, 0.3771



20.4277, 0.3160, 0.3533



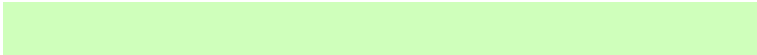
0.0000, 0.0000, 0.0000



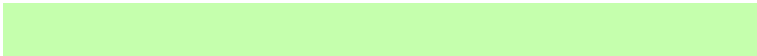
21.4041, 0.3127, 0.3290

Same Dimension

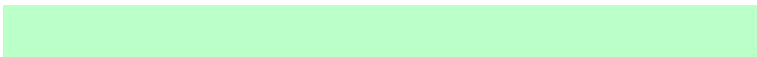
The Same Dimension uses a secret algorithm to generate beautiful new colors.



88.3771, 0.3215, 0.4032



86.4861, 0.3229, 0.4200



86.2783, 0.3018, 0.3901



20.4277, 0.3160, 0.3533



38.2232, 0.3135, 0.5892



3.7751, 0.3217, 0.5828

Inverse Universe

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



60.3998, 0.3006, 0.2592



54.2386, 0.2975, 0.2445



63.1630, 0.3260, 0.2748



18.0156, 0.3090, 0.3052



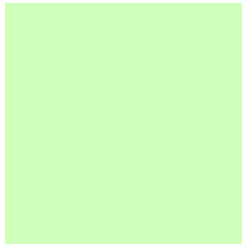
8.9106, 0.2473, 0.1136



0.9240, 0.2559, 0.1183

Previews

White Background



This preview shows how the Yxy color 88.3733, 0.3215, 0.4032 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 88.3733, 0.3215, 0.4032 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

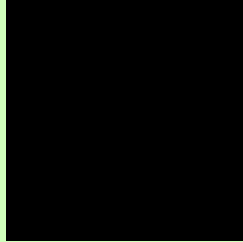
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

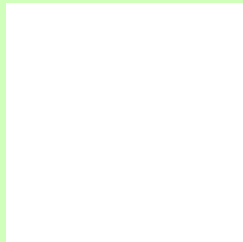
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 88.3733, 0.3215, 0.4032

Background



This preview shows how black text looks on a background with the Yxy color 88.3733, 0.3215, 0.4032.

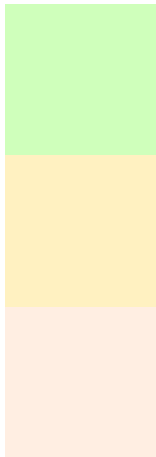


This preview shows how white text looks on a background with the Yxy color 88.3733, 0.3215, 0.4032.

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

88.3733, 0.3215, 0.4032

Protanopia

88.0208, 0.3526, 0.3771

Deuteranopia

87.9001, 0.3317, 0.3409



Tritanopia

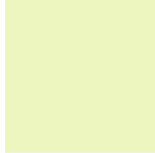
87.9792, 0.2968, 0.3169

Trichromacy



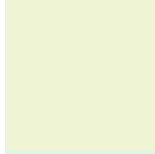
Original Color

88.3733, 0.3215, 0.4032



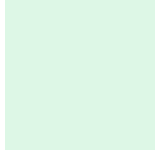
Protanomaly

87.8503, 0.3410, 0.3859



Deuteranomaly

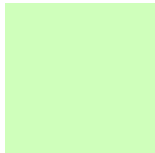
87.6320, 0.3283, 0.3619



Tritanomaly

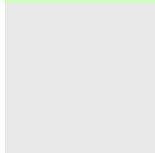
87.6069, 0.3062, 0.3467

Monochromacy



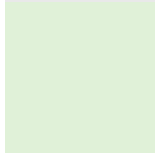
Original Color

88.3733, 0.3215, 0.4032



Achromatopsia

81.4847, 0.3127, 0.3290



Achromatomaly

83.7158, 0.3167, 0.3555

CSS Examples

Text

The CSS property to change the color of the text to Yxy 88.3733, 0.3215, 0.4032 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(207, 255, 187)` looks like.

```
.text, #text, p{  
    color:rgb(207, 255, 187)  
}
```

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(207, 255, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 255, 187) }
```

Border

The CSS property to change the border of an element to Yxy 88.3733, 0.3215, 0.4032 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(207, 255, 187) }
```

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

```
.border{ border-color:rgb(207, 255, 187) }
```

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

Here you see how a box with a 4 pixel rgb(207, 255, 187) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 255, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 255, 187);  
box-shadow:4px 4px 4px 4px rgb(207, 255,  
187) }
```


Background

The CSS property to change the background color of an element to Yxy 88.3733, 0.3215, 0.4032 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 255, 187) }
```

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

```
.background{ background-color: rgb(207,  
255, 187) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor