

Converting Colors

Yxy(68.4633, 0.3304, 0.4239)

Have a look what the booklet for
Yxy(68.4633, 0.3304, 0.4239)
contains.

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Color

Yxy(68.4633, 0.3304, 0.4239)

Conversions

Conversions Part 1

Format	Color
Hex	B8E597
RGB	184, 229, 151
RGB Percent	72%, 90%, 59%
CMY	0.2787, 0.1019, 0.4078
CMYK	0.20, 0.00, 0.34, 0.10
HSL	95°, 60%, 75%
HSV	95°, 34%, 90%
XYZ	53.3623, 68.4633, 39.6825
YIQ	206.6530, -1.7820, -33.7980

Conversions

Conversions Part 2

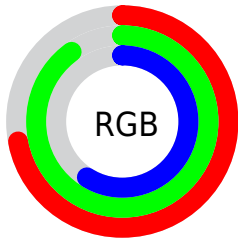
Format	Color
RYB	151, 229, 196
Decimal	12117399
CIELab	86.24, -28.20, 33.41
CIElCh	86, 43.722, 130.165
Yxy	68.4633, 0.3304, 0.4239
Android (android.graphics.Color)	4290307479 (0xFFB8E597)
YUV	206.6530, -27.4369, -19.8667
Hunter-Lab	82.7426, -29.6813, 29.4849

Details

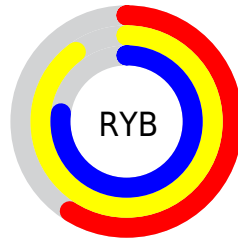
The Yxy color **68.4633, 0.3304, 0.4239** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **39.5407, 0.2878, 0.2371**, and the grayscale version is **62.3377, 0.3127, 0.3290**.

A 20% lighter version of the original color is **94.6770, 0.3325, 0.3785**, and **35.5338, 0.3333, 0.4486** is the 20% darker color. If you saturate the color by 10%, you get **66.2351, 0.3343, 0.4550**, and if you desaturate by 10%, it is **70.9949, 0.3257, 0.3937**.

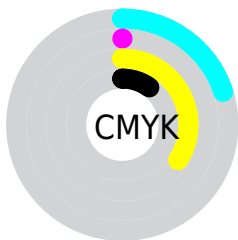
Distribution



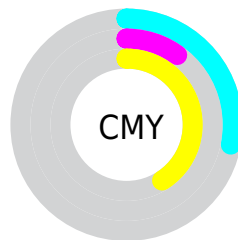
- Red (72%)
- Green (90%)
- Blue (59%)



- Red (59%)
- Yellow (90%)
- Blue (77%)



- Cyan (20%)
- Magenta (0%)
- Yellow (34%)
- Black (10%)





- Cyan (28%)
- Magenta (10%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 68.4633, 0.3304, 0.4239 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 68.4633, 0.3304, 0.4239 by changing the saturation by 10% instead.


 68.4633, 0.3304,
0.4239


 68.4633, 0.3304,
0.4239


455.1358, 0.3235,
0.3776

 50.2747, 0.3316,
0.4350


 117.0147, 0.3283,
0.4074

 35.6317, 0.3328,
0.4489


 148.1463, 0.3274,
0.4011

 24.1499, 0.3338,
0.4670


184.3611, 0.3266,
0.3957

 15.4449, 0.3344,
0.4910

226.0433, 0.3258,
0.3911

 9.1322, 0.3336,
0.5243

273.5776, 0.3252,
0.3871

 4.8275, 0.3288,
0.5731


327.3481, 0.3246,

 2.1464, 0.3249,


0.3835


0.6751


387.7394, 0.3240,
0.3804


 0.6905, 0.0000,
1.0000


 0.0000, 0.0000,
0.0000


 68.4633, 0.3304,
0.4239


 68.4633, 0.3304,
0.4239


 66.2351, 0.3343,
0.4550


 70.9949, 0.3257,
0.3937


 64.2887, 0.3369,
0.4857


 73.8327, 0.3204,
0.3652

 62.6135, 0.3378,
0.5146


 76.9906, 0.3150,
0.3390

 61.1945, 0.3368,
0.5398


 80.4792, 0.3095,
0.3152

 60.0149, 0.3338,
0.5598

 83.6123, 0.3106,
0.3036

 59.0548, 0.3290,
0.5737

 84.5285, 0.3139,
0.3039

 58.5727, 0.3257,
0.5796

Harmonies

Analogous

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



68.4633, 0.3801, 0.4217



68.4633, 0.3304, 0.4239



68.4633, 0.2784, 0.3930

Triad

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



68.4633, 0.3304, 0.4239



68.4633, 0.2199, 0.2564



68.4633, 0.3917, 0.3116

Complementary

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



68.4633, 0.3304, 0.4239



39.5407, 0.2878, 0.2371

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.



68.4633, 0.3422, 0.2755



68.4633, 0.3304, 0.4239



68.4633, 0.2443, 0.2440

Square

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



68.4633, 0.3304, 0.4239



68.4633, 0.2175, 0.2899



68.4633, 0.2878, 0.2514



68.4633, 0.4184, 0.3535

Rectangle

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



68.4633, 0.3304, 0.4239



68.4633, 0.2494, 0.3590



68.4633, 0.2878, 0.2514



68.4633, 0.3770, 0.2986

Sweetspot

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



68.4663, 0.3304, 0.4239



95.7769, 0.3182, 0.3544



58.0214, 0.3758, 0.3794



20.3804, 0.3190, 0.3582



0.0000, 0.0000, 0.0000



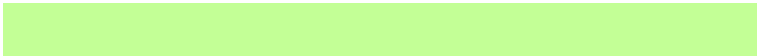
21.4041, 0.3127, 0.3290

Same Dimension

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



68.4663, 0.3304, 0.4239



85.2840, 0.3333, 0.4462



65.0359, 0.3050, 0.4238



16.3850, 0.3179, 0.3528



33.5505, 0.3268, 0.5787



2.5329, 0.3383, 0.5696

Inverse Universe

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



39.5407, 0.2878, 0.2371



43.0049, 0.2809, 0.2163



44.1684, 0.3212, 0.2497



14.2963, 0.3071, 0.3054



6.1264, 0.2186, 0.0978



0.5071, 0.2330, 0.1057

Previews

White Background



This preview shows how the Yxy color 68.4633, 0.3304, 0.4239 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 68.4633, 0.3304, 0.4239 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

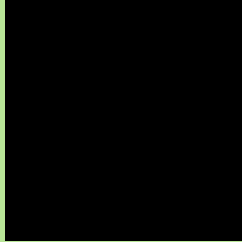
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 68.4633, 0.3304, 0.4239

Background



This preview shows how black text looks on a background with the Yxy color 68.4633, 0.3304, 0.4239.

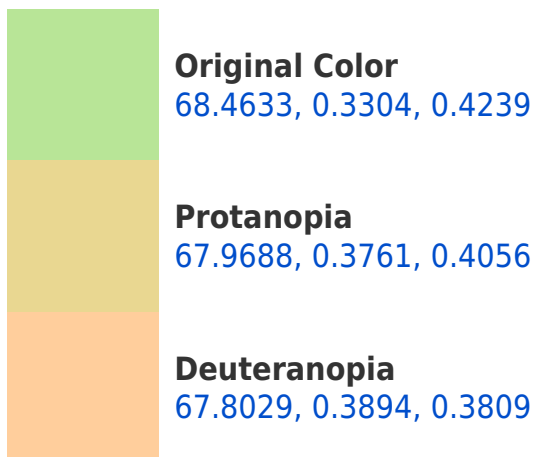


This preview shows how white text looks on a background with the Yxy color 68.4633, 0.3304, 0.4239.

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





Tritanopia

68.0693, 0.2868, 0.3087

Trichromacy



Original Color

68.4633, 0.3304, 0.4239



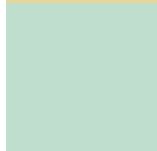
Protanomaly

67.7401, 0.3586, 0.4125



Deuteranomaly

67.0842, 0.3669, 0.3957



Tritanomaly

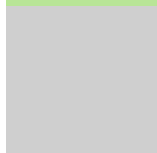
67.8568, 0.3027, 0.3489

Monochromacy



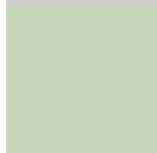
Original Color

68.4633, 0.3304, 0.4239



Achromatopsia

62.3960, 0.3127, 0.3290



Achromatomaly

64.3308, 0.3200, 0.3622

CSS Examples

Text

The CSS property to change the color of the text to Yxy 68.4633, 0.3304, 0.4239 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(184, 229, 151)` looks like.

```
.text, #text, p{  
    color:rgb(184, 229, 151)  
}
```

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(184, 229, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 229, 151) }
```

Border

The CSS property to change the border of an element to Yxy 68.4633, 0.3304, 0.4239 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(184, 229, 151) }
```

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

```
.border{ border-color:rgb(184, 229, 151) }
```

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

Here you see how a box with a 4 pixel rgb(184, 229, 151) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 229, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 229, 151);  
box-shadow:4px 4px 4px 4px rgb(184, 229,  
151) }
```


Background

The CSS property to change the background color of an element to Yxy 68.4633, 0.3304, 0.4239 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 229, 151) }
```

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

```
.background{ background-color: rgb(184,  
229, 151) }
```

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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