

Converting Colors

$Yxy(68.4901, 0.3229, 0.3821)$

Have a look what the booklet for
Yxy(68.4901, 0.3229, 0.3821)
contains.

Yxy(68.4363, 0.3229, 0.3822)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(68.4363, 0.3229, 0.3822)

Conversions

Conversions Part 1

Format	Color
Hex	C5E0B3
RGB	197, 224, 179
RGB Percent	77%, 88%, 70%
CMY	0.2274, 0.1215, 0.2981
CMYK	0.12, 0.00, 0.20, 0.12
HSL	96°, 42%, 79%
HSV	96°, 20%, 88%
XYZ	57.8181, 68.4363, 52.8045
YIQ	210.7970, -1.6470, -19.7190

Conversions

Conversions Part 2

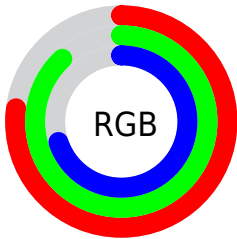
Format	Color
RYB	179, 224, 206
Decimal	12968115
CIELab	86.22, -16.97, 19.12
CIElCh	86, 25.559, 131.592
Yxy	68.4363, 0.3229, 0.3822
Android (android.graphics.Color)	4291158195 (0xFFC5E0B3)
YUV	210.7970, -15.6759, -12.1000
Hunter-Lab	82.7262, -20.0157, 20.0633

Details

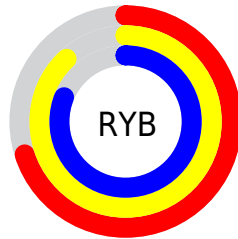
The Yxy color **68.4363, 0.3229, 0.3822** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **50.7396, 0.3004, 0.2770**, and the grayscale version is **65.1082, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.5890, 0.3238, 0.3484**, and **35.7219, 0.3250, 0.3965** is the 20% darker color. If you saturate the color by 10%, you get **65.8714, 0.3275, 0.4119**, and if you desaturate by 10%, it is **71.3160, 0.3179, 0.3545**.

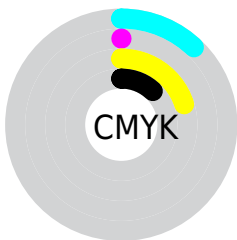
Distribution



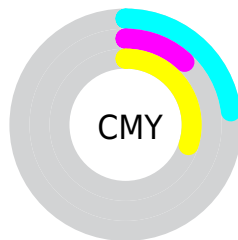
- Red (77%)
- Green (88%)
- Blue (70%)



- Red (70%)
- Yellow (88%)
- Blue (81%)



- Cyan (12%)
- Magenta (0%)
- Yellow (20%)
- Black (12%)





- Cyan (23%)
- Magenta (12%)
- Yellow (30%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 68.4363, 0.3229, 0.3822 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 68.4363, 0.3229, 0.3822 by changing the saturation by 10% instead.


 68.4363, 0.3229,
0.3822

 68.4363, 0.3229,
0.3822

455.0403, 0.3185,
0.3566

 50.2528, 0.3238,
0.3883


 116.9761, 0.3215,
0.3731

 35.6143, 0.3248,
0.3960


148.1011, 0.3209,
0.3696

 24.1364, 0.3261,
0.4059


184.3088, 0.3204,
0.3667

 15.4349, 0.3275,
0.4192

225.9835, 0.3199,
0.3641

 9.1252, 0.3290,
0.4379

273.5096, 0.3195,
0.3619

 4.8229, 0.3303,
0.4661

327.2715, 0.3191,

 2.1437, 0.3328,

0.3599

387.6536, 0.3188,
0.3581

0.5176

0.6891, 0.2589,
0.7411

0.0000, 0.0000,
0.0000

68.4363, 0.3229,
0.3822

68.4363, 0.3229,
0.3822

65.8714, 0.3275,
0.4119

71.3160, 0.3179,
0.3545

63.6012, 0.3314,
0.4430

74.5123, 0.3128,
0.3292

61.6166, 0.3342,
0.4743

78.0384, 0.3077,
0.3064

59.9045, 0.3356,
0.5044

80.9970, 0.3112,
0.2987

■ 58.4509, 0.3351,
0.5316

■ 81.7940, 0.3141,
0.2989

■ 57.2398, 0.3328,
0.5541

■ 56.2532, 0.3286,
0.5707

■ 55.4696, 0.3233,
0.5815

Harmonies

Analogous

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



68.4363, 0.3522, 0.3838



68.4363, 0.3229, 0.3822



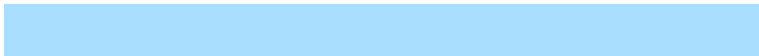
68.4363, 0.2919, 0.3639

Triad

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



68.4363, 0.3229, 0.3822



68.4363, 0.2568, 0.2855



68.4363, 0.3598, 0.3207

Complementary

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



68.4363, 0.3229, 0.3822



50.7396, 0.3004, 0.2770

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.



68.4363, 0.3320, 0.2975



68.4363, 0.3229, 0.3822



68.4363, 0.2729, 0.2773

Square

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



68.4363, 0.3229, 0.3822



68.4363, 0.2547, 0.3061



68.4363, 0.3001, 0.2819



68.4363, 0.3744, 0.3468

Rectangle

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



68.4363, 0.3229, 0.3822



68.4363, 0.2743, 0.3452



68.4363, 0.3001, 0.2819



68.4363, 0.3516, 0.3124

Sweetspot

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



68.4393, 0.3229, 0.3822



97.3542, 0.3158, 0.3440



62.8845, 0.3468, 0.3589



20.7782, 0.3162, 0.3457



0.0000, 0.0000, 0.0000



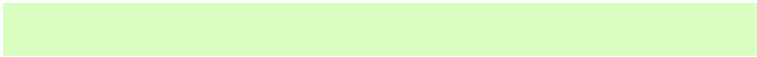
21.4041, 0.3127, 0.3290

Same Dimension

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



68.4393, 0.3229, 0.3822



90.3563, 0.3248, 0.3941



66.3049, 0.3078, 0.3795



15.6035, 0.3176, 0.3528



32.3484, 0.3244, 0.5806



2.2933, 0.3365, 0.5710

Inverse Universe

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



50.7396, 0.3004, 0.2770



62.6221, 0.2974, 0.2657



53.2656, 0.3180, 0.2832



13.6478, 0.3074, 0.3054



6.1687, 0.2234, 0.1005



0.4793, 0.2382, 0.1086

Previews

White Background



This preview shows how the Yxy color 68.4363, 0.3229, 0.3822 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 68.4363, 0.3229, 0.3822 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

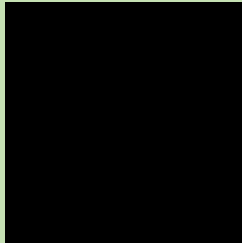
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

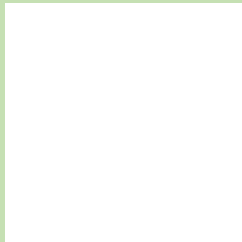
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 68.4363, 0.3229, 0.3822

Background



This preview shows how black text looks on a background with the Yxy color 68.4363, 0.3229, 0.3822.

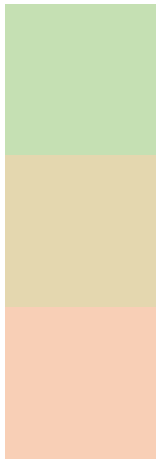


This preview shows how white text looks on a background with the Yxy color 68.4363, 0.3229, 0.3822.

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

68.4363, 0.3229, 0.3822

Protanopia

68.1900, 0.3507, 0.3735

Deuteranopia

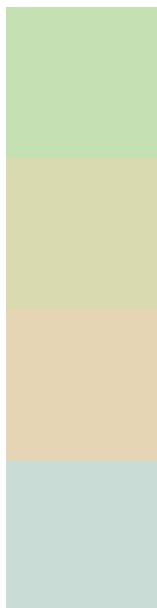
67.9595, 0.3634, 0.3555



Tritanopia

68.5454, 0.2933, 0.3101

Trichromacy



Original Color

68.4363, 0.3229, 0.3822

Protanomaly

68.0291, 0.3408, 0.3769

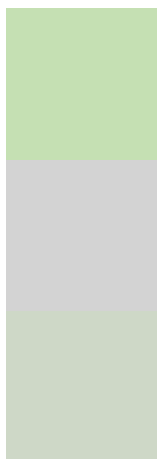
Deuteranomaly

67.5827, 0.3476, 0.3645

Tritanomaly

68.5980, 0.3039, 0.3358

Monochromacy



Original Color

68.4363, 0.3229, 0.3822

Achromatopsia

65.1406, 0.3127, 0.3290

Achromatomaly

66.3571, 0.3169, 0.3486

CSS Examples

Text

The CSS property to change the color of the text to Yxy 68.4363, 0.3229, 0.3822 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(197, 224, 179)` looks like.

```
.text, #text, p{  
    color:rgb(197, 224, 179)  
}
```

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(197, 224, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 224, 179) }
```

Border

The CSS property to change the border of an element to Yxy 68.4363, 0.3229, 0.3822 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(197, 224, 179) }
```

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

```
.border{ border-color:rgb(197, 224, 179) }
```

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

Here you see how a box with a 4 pixel rgb(197, 224, 179) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 224, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 224, 179);  
box-shadow:4px 4px 4px 4px rgb(197, 224,  
179) }
```


Background

The CSS property to change the background color of an element to Yxy 68.4363, 0.3229, 0.3822 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 224, 179) }
```

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

```
.background{ background-color: rgb(197,  
224, 179) }
```

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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