

Converting Colors

$Yxy(68.0990, 0.3199, 0.3732)$

Have a look what the booklet for
Yxy(68.0990, 0.3199, 0.3732)
contains.

Yxy(68.2839, 0.3198, 0.3737)	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(68.2839, 0.3198, 0.3737)

Conversions

Conversions Part 1

Format	Color
Hex	C6DFB9
RGB	198, 223, 185
RGB Percent	78%, 87%, 73%
CMY	0.2235, 0.1255, 0.2745
CMYK	0.11, 0.00, 0.17, 0.13
HSL	99°, 37%, 80%
HSV	99°, 17%, 87%
XYZ	58.4351, 68.2839, 56.0049
YIQ	211.1930, -2.7020, -17.1180

Conversions

Conversions Part 2

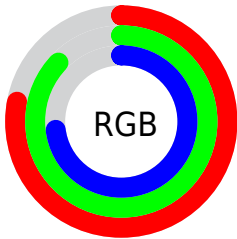
Format	Color
RYB	185, 223, 210
Decimal	13033401
CIELab	86.15, -15.14, 15.87
CIELCh	86, 21.934, 133.643
Yxy	68.2839, 0.3198, 0.3737
Android (android.graphics.Color)	4291223481 (0xFFC6DFB9)
YUV	211.1930, -12.9131, -11.5703
Hunter-Lab	82.6341, -18.3825, 17.6603

Details

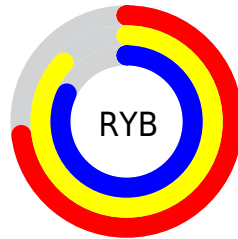
The Yxy color **68.2839, 0.3198, 0.3737** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **53.7339, 0.3043, 0.2856**, and the grayscale version is **65.3665, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.1309, 0.3209, 0.3425**, and **35.6005, 0.3211, 0.3853** is the 20% darker color. If you saturate the color by 10%, you get **65.5191, 0.3236, 0.4032**, and if you desaturate by 10%, it is **71.3955, 0.3157, 0.3466**.

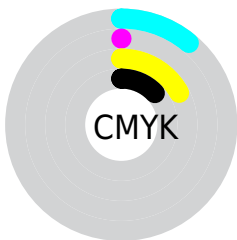
Distribution



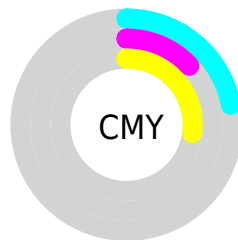
- Red (78%)
- Green (87%)
- Blue (73%)



- Red (73%)
- Yellow (87%)
- Blue (82%)



- Cyan (11%)
- Magenta (0%)
- Yellow (17%)
- Black (13%)





- Cyan (22%)
- Magenta (13%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 68.2839, 0.3198, 0.3737 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 68.2839, 0.3198, 0.3737 by changing the saturation by 10% instead.


 68.2839, 0.3198,
0.3737

 68.2839, 0.3198,
0.3737


454.5012, 0.3168,
0.3522

 50.1287, 0.3204,
0.3788

 116.7582, 0.3188,
0.3661

 35.5157, 0.3212,
0.3852


147.8461, 0.3184,
0.3632

 24.0604, 0.3220,
0.3935


184.0137, 0.3180,
0.3607

 15.3784, 0.3230,
0.4046

225.6454, 0.3177,
0.3585

 9.0854, 0.3241,
0.4203

273.1257, 0.3174,
0.3567

 4.7969, 0.3251,
0.4441

326.8388, 0.3172,

 2.1286, 0.3253,

0.3550

0.4843

387.1692, 0.3170,
0.3535

0.6806, 0.2895,
0.7105

0.0000, 0.0000,
0.0000

68.2839, 0.3198,
0.3737

68.2839, 0.3198,
0.3737

65.5191, 0.3236,
0.4032

71.3955, 0.3157,
0.3466

63.0800, 0.3268,
0.4345

74.8567, 0.3115,
0.3220

60.9563, 0.3291,
0.4667

78.6815, 0.3073,
0.3001

59.1340, 0.3302,
0.4982

81.2570, 0.3142,
0.2980

■ 57.5977, 0.3297,
0.5273

■ 56.3307, 0.3276,
0.5522

■ 55.3139, 0.3238,
0.5711

■ 54.5241, 0.3187,
0.5834

■ 54.3246, 0.3172,
0.5863

Harmonies

Analogous

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



68.2839, 0.3453, 0.3764



68.2839, 0.3198, 0.3737



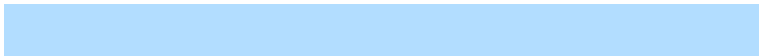
68.2839, 0.2932, 0.3573

Triad

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



68.2839, 0.3198, 0.3737



68.2839, 0.2649, 0.2908



68.2839, 0.3544, 0.3235

Complementary

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



68.2839, 0.3198, 0.3737



53.7339, 0.3043, 0.2856

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.



68.2839, 0.3312, 0.3030



68.2839, 0.3198, 0.3737



68.2839, 0.2798, 0.2842

Square

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



68.2839, 0.3198, 0.3737



68.2839, 0.2623, 0.3081



68.2839, 0.3038, 0.2888



68.2839, 0.3659, 0.3462

Rectangle

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



68.2839, 0.3198, 0.3737



68.2839, 0.2783, 0.3412



68.2839, 0.3038, 0.2888



68.2839, 0.3476, 0.3162

Sweetspot

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



68.2868, 0.3198, 0.3737



97.6493, 0.3148, 0.3414



65.1400, 0.3406, 0.3569



20.8324, 0.3151, 0.3432



0.0000, 0.0000, 0.0000



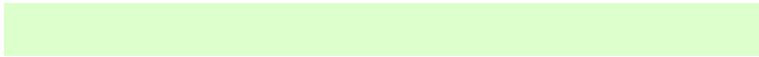
21.4041, 0.3127, 0.3290

Same Dimension

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



68.2868, 0.3198, 0.3737



91.3214, 0.3210, 0.3827



66.8417, 0.3069, 0.3679



15.5639, 0.3167, 0.3529



31.9973, 0.3182, 0.5855



2.2662, 0.3302, 0.5760

Inverse Universe

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



53.7339, 0.3043, 0.2856



68.5063, 0.3025, 0.2772



55.4171, 0.3191, 0.2930



13.6887, 0.3083, 0.3055



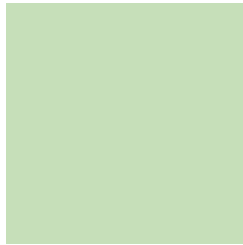
6.8300, 0.2366, 0.1077



0.5223, 0.2498, 0.1150

Previews

White Background



This preview shows how the Yxy color 68.2839, 0.3198, 0.3737 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 68.2839, 0.3198, 0.3737 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

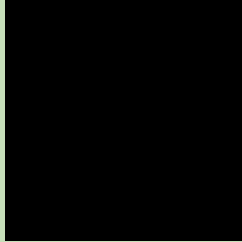
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

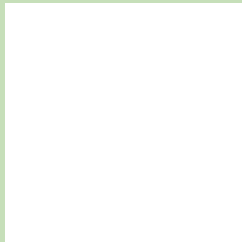
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 68.2839, 0.3198, 0.3737

Background



This preview shows how black text looks on a background with the Yxy color 68.2839, 0.3198, 0.3737.

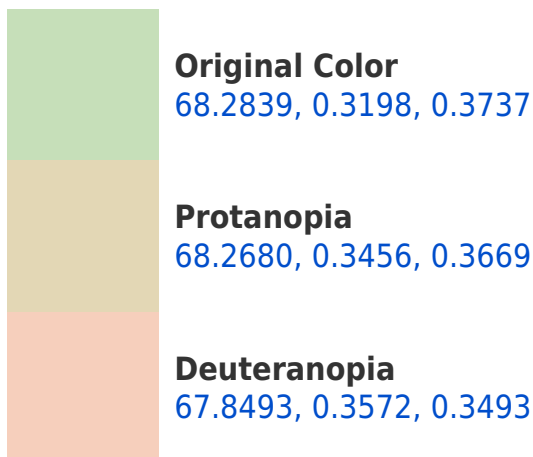


This preview shows how white text looks on a background with the Yxy color 68.2839, 0.3198, 0.3737.

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

68.1167, 0.2946, 0.3101

Trichromacy



Original Color

68.2839, 0.3198, 0.3737

Protanomaly

68.1191, 0.3359, 0.3700

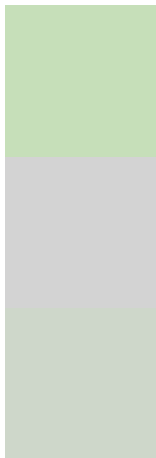
Deuteranomaly

67.8344, 0.3433, 0.3578

Tritanomaly

68.3174, 0.3034, 0.3324

Monochromacy



Original Color

68.2839, 0.3198, 0.3737

Achromatopsia

65.1406, 0.3127, 0.3290

Achromatomaly

65.9870, 0.3149, 0.3440

CSS Examples

Text

The CSS property to change the color of the text to Yxy 68.2839, 0.3198, 0.3737 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(198, 223, 185)` looks like.

```
.text, #text, p{  
    color:rgb(198, 223, 185)  
}
```

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(198, 223, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 223, 185) }
```

Border

The CSS property to change the border of an element to Yxy 68.2839, 0.3198, 0.3737 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(198, 223, 185) }
```

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

```
.border{ border-color:rgb(198, 223, 185) }
```

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

Here you see how a box with a 4 pixel rgb(198, 223, 185) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 223, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 223, 185);  
box-shadow:4px 4px 4px 4px rgb(198, 223,  
185) }
```


Background

The CSS property to change the background color of an element to Yxy 68.2839, 0.3198, 0.3737 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 223, 185) }
```

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

```
.background{ background-color: rgb(198,  
223, 185) }
```

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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