

Converting Colors

Yxy(68.0428, 0.3192, 0.3731)

Have a look what the booklet for
Yxy(68.0428, 0.3192, 0.3731)
contains.

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Color

Yxy(68.1485, 0.3191, 0.3738)

Conversions

Conversions Part 1

Format	Color
Hex	C5DFB9
RGB	197, 223, 185
RGB Percent	77%, 87%, 73%
CMY	0.2273, 0.1255, 0.2745
CMYK	0.12, 0.00, 0.17, 0.13
HSL	101°, 37%, 80%
HSV	101°, 17%, 87%
XYZ	58.1760, 68.1485, 55.9882
YIQ	210.8940, -3.2980, -17.3300

Conversions

Conversions Part 2

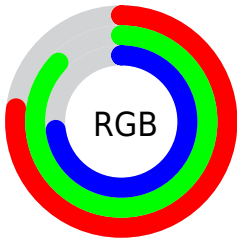
Format	Color
RYB	185, 223, 211
Decimal	12967865
CIELab	86.08, -15.48, 15.77
CIELCh	86, 22.096, 134.458
Yxy	68.1485, 0.3191, 0.3738
Android (android.graphics.Color)	4291157945 (0xFFC5DFB9)
YUV	210.8940, -12.7657, -12.1850
Hunter-Lab	82.5521, -18.6739, 17.5750

Details

The Yxy color **68.1485, 0.3191, 0.3738** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **53.8727, 0.3051, 0.2857**, and the grayscale version is **65.1598, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.9417, 0.3202, 0.3425**, and **35.5108, 0.3201, 0.3854** is the 20% darker color. If you saturate the color by 10%, you get **65.3270, 0.3225, 0.4035**, and if you desaturate by 10%, it is **71.3316, 0.3154, 0.3466**.

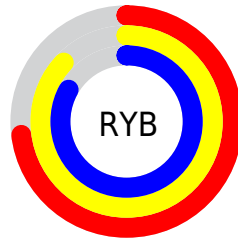
Distribution



Red (77%)

Green (87%)

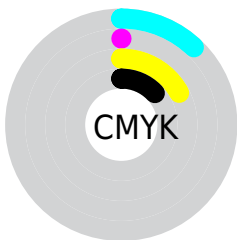
Blue (73%)



Red (73%)

Yellow (87%)

Blue (83%)

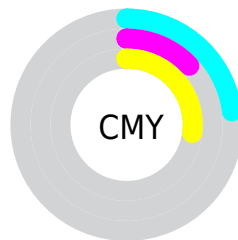


Cyan (12%)

Magenta (0%)

Yellow (17%)

Black (13%)



Cyan (23%)


Magenta (13%)

Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 68.1485, 0.3191, 0.3738 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 68.1485, 0.3191, 0.3738 by changing the saturation by 10% instead.

 68.1485, 0.3191,
0.3738

 68.1485, 0.3191,
0.3738


454.0220, 0.3164,
0.3523

 50.0186, 0.3196,
0.3789


 116.5646, 0.3182,
0.3662

 35.4281, 0.3203,
0.3854


147.6195, 0.3179,
0.3632

 23.9929, 0.3210,
0.3937


183.7515, 0.3175,
0.3608

 15.3283, 0.3218,
0.4049

225.3450, 0.3173,
0.3586

 9.0501, 0.3227,
0.4207

272.7844, 0.3170,
0.3567

 4.7739, 0.3234,
0.4446

326.4541, 0.3168,

 2.1152, 0.3230,

0.3551

386.7385, 0.3166,
0.3536

0.4852

0.6732, 0.2802,
0.7198

0.0000, 0.0000,
0.0000

68.1485, 0.3191,
0.3738

68.1485, 0.3191,
0.3738

65.3270, 0.3225,
0.4035

71.3316, 0.3154,
0.3466

62.8455, 0.3253,
0.4350

74.8800, 0.3116,
0.3220

60.6928, 0.3272,
0.4675

78.8081, 0.3078,
0.3001

58.8542, 0.3280,
0.4994

81.2544, 0.3142,
0.2980

■ 57.3136, 0.3273,
0.5289

■ 56.0531, 0.3250,
0.5540

■ 55.0527, 0.3212,
0.5731

■ 54.2881, 0.3163,
0.5854

■ 54.0977, 0.3148,
0.5882

Harmonies

Analogous

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



68.1485, 0.3449, 0.3769



68.1485, 0.3191, 0.3738



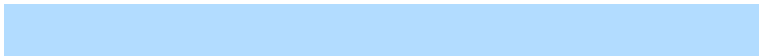
68.1485, 0.2924, 0.3569

Triad

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



68.1485, 0.3191, 0.3738



68.1485, 0.2648, 0.2902



68.1485, 0.3552, 0.3241

Complementary

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



68.1485, 0.3191, 0.3738



53.8727, 0.3051, 0.2857

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.



68.1485, 0.3321, 0.3032



68.1485, 0.3191, 0.3738



68.1485, 0.2801, 0.2839

Square

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



68.1485, 0.3191, 0.3738



68.1485, 0.2618, 0.3073



68.1485, 0.3045, 0.2888



68.1485, 0.3665, 0.3469

Rectangle

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



68.1485, 0.3191, 0.3738



68.1485, 0.2775, 0.3406



68.1485, 0.3045, 0.2888



68.1485, 0.3485, 0.3167

Sweetspot

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



68.1514, 0.3191, 0.3738



97.5902, 0.3146, 0.3414



65.7628, 0.3404, 0.3583



20.8180, 0.3149, 0.3432



0.0000, 0.0000, 0.0000



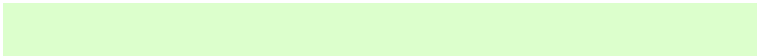
21.4041, 0.3127, 0.3290

Same Dimension

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



68.1514, 0.3191, 0.3738



91.1169, 0.3202, 0.3828



66.8937, 0.3061, 0.3663



15.5466, 0.3163, 0.3529



31.8626, 0.3158, 0.5875



2.2553, 0.3276, 0.5781

Inverse Universe

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



53.8727, 0.3051, 0.2857



68.7323, 0.3034, 0.2773



55.3471, 0.3201, 0.2944



13.7068, 0.3088, 0.3055



7.1451, 0.2426, 0.1110



0.5424, 0.2549, 0.1178

Previews

White Background



This preview shows how the Yxy color 68.1485, 0.3191, 0.3738 looks on a white background.

Color Contrast Check

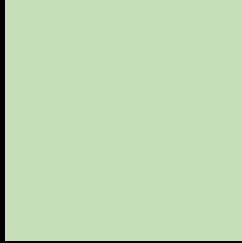
Large Text (above 18pt) WCAG AA × Fail

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 68.1485, 0.3191, 0.3738 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

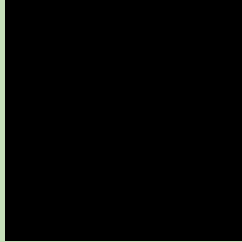
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

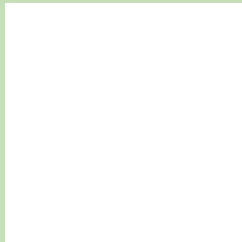
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 68.1485, 0.3191, 0.3738

Background



This preview shows how black text looks on a background with the Yxy color 68.1485, 0.3191, 0.3738.

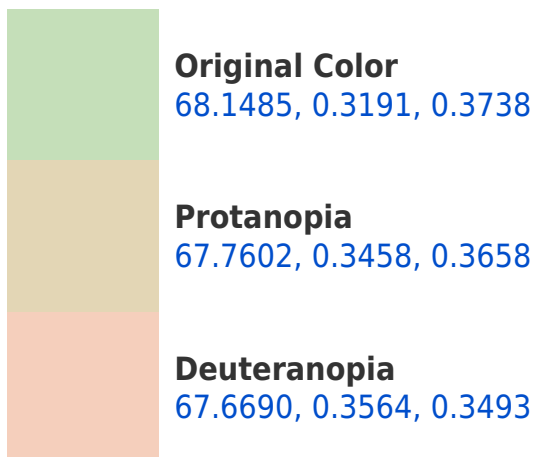


This preview shows how white text looks on a background with the Yxy color 68.1485, 0.3191, 0.3738.

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

67.9741, 0.2939, 0.3101

Trichromacy



Original Color

68.1485, 0.3191, 0.3738

Protanomaly

67.6020, 0.3360, 0.3689

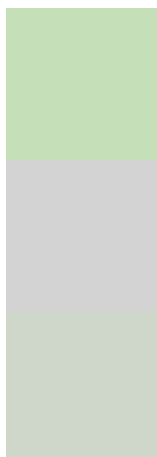
Deuteranomaly

67.6703, 0.3425, 0.3579

Tritanomaly

68.1775, 0.3027, 0.3324

Monochromacy



Original Color

68.1485, 0.3191, 0.3738

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 68.1485, 0.3191, 0.3738 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, 223, 185)` looks like.

```
.text, #text, p{  
    color:rgb(197, 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(197, 223, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 223, 185) }
```

Border

The CSS property to change the border of an element to Yxy 68.1485, 0.3191, 0.3738 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, 223, 185) }
```

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

```
.border{ border-color:rgb(197, 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(197, 223, 185) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 223, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 223, 185);  
box-shadow:4px 4px 4px 4px rgb(197, 223,  
185) }
```


Background

The CSS property to change the background color of an element to Yxy 68.1485, 0.3191, 0.3738 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 223, 185) }
```

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

```
.background{ background-color: rgb(197,  
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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