

Converting Colors

$Yxy(51.8981, 0.3282, 0.3784)$

Have a look what the booklet for
Yxy(51.8981, 0.3282, 0.3784)
contains.

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Color

Yxy(51.8068, 0.3282, 0.3774)

Conversions

Conversions Part 1

Format	Color
Hex	B5C49F
RGB	181, 196, 159
RGB Percent	71%, 77%, 62%
CMY	0.2902, 0.2314, 0.3766
CMYK	0.08, 0.00, 0.19, 0.23
HSL	84°, 24%, 70%
HSV	84°, 19%, 77%
XYZ	45.0530, 51.8068, 40.4131
YIQ	187.2970, 2.9370, -14.6870

Conversions

Conversions Part 2

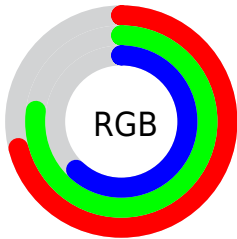
Format	Color
RYB	159, 196, 174
Decimal	11912351
CIELab	77.17, -11.72, 16.90
CIELCh	77, 20.567, 124.751
Yxy	51.8068, 0.3282, 0.3774
Android (android.graphics.Color)	4290102431 (0xFFB5C49F)
YUV	187.2970, -13.9504, -5.5225
Hunter-Lab	71.9769, -14.2300, 17.0941

Details

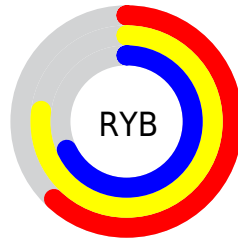
The Yxy color **51.8068, 0.3282, 0.3774** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **37.7684, 0.2949, 0.2798**, and the grayscale version is **49.9500, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.1101, 0.3254, 0.3687**, and **24.9967, 0.3325, 0.3915** is the 20% darker color. If you saturate the color by 10%, you get **50.2492, 0.3361, 0.4052**, and if you desaturate by 10%, it is **53.5315, 0.3200, 0.3510**.

Distribution



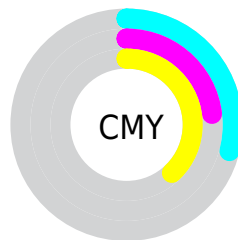
- Red (71%)
- Green (77%)
- Blue (62%)



- Red (62%)
- Yellow (77%)
- Blue (68%)



- Cyan (8%)
- Magenta (0%)
- Yellow (19%)
- Black (23%)




- Cyan (29%)
- Magenta (23%)
- Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 51.8068, 0.3282, 0.3774 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 51.8068, 0.3282, 0.3774 by changing the saturation by 10% instead.


 51.8068, 0.3282,
0.3774


 51.8068, 0.3282,
0.3774


393.6903, 0.3209,
0.3531

 36.8511, 0.3299,
0.3835


 92.8462, 0.3256,
0.3686

 25.0922, 0.3320,
0.3913


 119.6988, 0.3247,
0.3652

 16.1458, 0.3346,
0.4017


151.2857, 0.3238,
0.3624

 9.6274, 0.3379,
0.4162

187.9915, 0.3231,
0.3600

 5.1526, 0.3422,
0.4377

230.2004, 0.3224,
0.3580

 2.3371, 0.3476,
0.4728

278.2969, 0.3219,

 0.7932, 0.3709,

0.3561

0.6291

332.6654, 0.3213,
0.3545

0.0000, 0.0000,
0.0000

51.8068, 0.3282,
0.3774

51.8068, 0.3282,
0.3774

50.2492, 0.3361,
0.4052

53.5315, 0.3200,
0.3510

48.8459, 0.3434,
0.4338

55.4222, 0.3118,
0.3264

47.5929, 0.3495,
0.4622

57.4864, 0.3038,
0.3038

46.4831, 0.3541,
0.4891

59.7292, 0.2962,
0.2833

45.5090, 0.3567,
0.5133

62.0274, 0.2903,
0.2667

■ 44.6620, 0.3569,
0.5335

■ 63.3010, 0.2960,
0.2677

■ 43.9321, 0.3548,
0.5487

■ 64.6342, 0.3018,
0.2688

■ 43.3034, 0.3506,
0.5591

■ 66.0279, 0.3076,
0.2698

■ 43.2377, 0.3501,
0.5602

■ 67.4829, 0.3135,
0.2709

Harmonies

Analogous

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



51.8068, 0.3526, 0.3757



51.8068, 0.3282, 0.3774



51.8068, 0.3004, 0.3644

Triad

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



51.8068, 0.3282, 0.3774



51.8068, 0.2615, 0.2939



51.8068, 0.3494, 0.3166

Complementary

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



51.8068, 0.3282, 0.3774



37.7684, 0.2949, 0.2798

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.



51.8068, 0.3235, 0.2971



51.8068, 0.3282, 0.3774



51.8068, 0.2732, 0.2838

Square

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



51.8068, 0.3282, 0.3774



51.8068, 0.2627, 0.3144



51.8068, 0.2955, 0.2852



51.8068, 0.3655, 0.3398

Rectangle

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



51.8068, 0.3282, 0.3774



51.8068, 0.2837, 0.3492



51.8068, 0.2955, 0.2852



51.8068, 0.3415, 0.3095

Sweetspot

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



51.8091, 0.3282, 0.3774



97.8970, 0.3177, 0.3439



44.4283, 0.3458, 0.3482



20.9065, 0.3182, 0.3456



0.0000, 0.0000, 0.0000



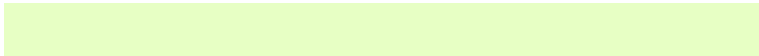
21.4041, 0.3127, 0.3290

Same Dimension

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



51.8091, 0.3282, 0.3774



92.5512, 0.3318, 0.3897



49.7370, 0.3132, 0.3797



11.5483, 0.3204, 0.3522



27.8318, 0.3511, 0.5595



1.2419, 0.3662, 0.5474

Inverse Universe

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



37.7684, 0.2949, 0.2798



62.0900, 0.2899, 0.2670



40.0188, 0.3115, 0.2822



9.9426, 0.3045, 0.3056



3.6870, 0.1863, 0.0800



0.1995, 0.2125, 0.0944

Previews

White Background



This preview shows how the Yxy color 51.8068, 0.3282, 0.3774 looks on a white background.

Color Contrast Check

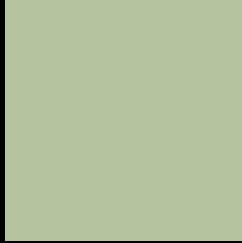
Large Text (above 18pt) WCAG AA × Fail

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 51.8068, 0.3282, 0.3774 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

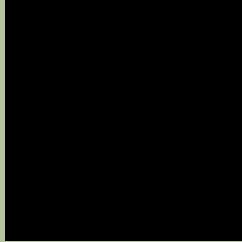
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

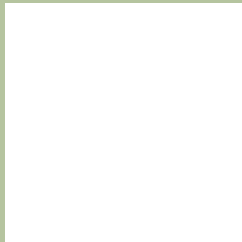
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 51.8068, 0.3282, 0.3774

Background



This preview shows how black text looks on a background with the Yxy color 51.8068, 0.3282, 0.3774.



This preview shows how white text looks on a background with the Yxy color 51.8068, 0.3282, 0.3774.

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

51.8068, 0.3282, 0.3774

Protanopia

51.6447, 0.3489, 0.3715

Deuteranopia

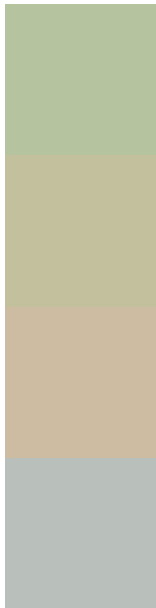
51.5357, 0.3618, 0.3541



Tritanopia

51.9261, 0.3000, 0.3105

Trichromacy



Original Color

51.8068, 0.3282, 0.3774

Protanomaly

51.6029, 0.3415, 0.3735

Deuteranomaly

51.5188, 0.3489, 0.3624

Tritanomaly

51.6444, 0.3101, 0.3341

Monochromacy



Original Color

51.8068, 0.3282, 0.3774

Achromatopsia

49.6933, 0.3127, 0.3290

Achromatomaly

50.3155, 0.3185, 0.3457

CSS Examples

Text

The CSS property to change the color of the text to Yxy 51.8068, 0.3282, 0.3774 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(181, 196, 159)` looks like.

```
.text, #text, p{  
    color:rgb(181, 196, 159)  
}
```

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(181, 196, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 196, 159) }
```

Border

The CSS property to change the border of an element to Yxy 51.8068, 0.3282, 0.3774 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(181, 196, 159) }
```

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

```
.border{ border-color:rgb(181, 196, 159) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 196, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 196, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 196, 159);  
box-shadow:4px 4px 4px 4px rgb(181, 196,  
159) }
```


Background

The CSS property to change the background color of an element to Yxy 51.8068, 0.3282, 0.3774 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 196, 159) }
```

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

```
.background{ background-color: rgb(181,  
196, 159) }
```

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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