

Converting Colors

Yxy(51.6023, 0.3415, 0.3901)

Have a look what the booklet for
Yxy(51.6023, 0.3415, 0.3901)
contains.

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Color

Yxy(51.6074, 0.3409, 0.3900)

Conversions

Conversions Part 1

Format	Color
Hex	BAC394
RGB	186, 195, 148
RGB Percent	73%, 76%, 58%
CMY	0.2706, 0.2353, 0.4195
CMYK	0.05, 0.00, 0.24, 0.24
HSL	72°, 28%, 67%
HSV	72°, 24%, 76%
XYZ	45.1102, 51.6074, 35.6091
YIQ	186.9510, 9.7230, -16.5250

Conversions

Conversions Part 2

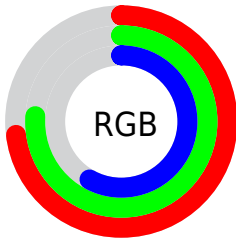
Format	Color
RYB	148, 195, 157
Decimal	12239764
CIELab	77.05, -11.04, 22.63
CIELCh	77, 25.180, 116.011
Yxy	51.6074, 0.3409, 0.3900
Android (android.graphics.Color)	4290429844 (0xFFBAC394)
YUV	186.9510, -19.2028, -0.8340
Hunter-Lab	71.8383, -13.6297, 20.8977

Details

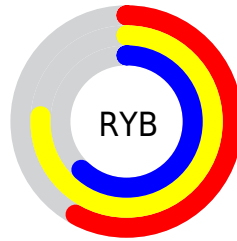
The Yxy color **51.6074, 0.3409, 0.3900** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **32.2986, 0.2800, 0.2632**, and the grayscale version is **49.7726, 0.3127, 0.3290**.

A 20% lighter version of the original color is **92.7623, 0.3360, 0.3797**, and **24.8184, 0.3475, 0.4069** is the 20% darker color. If you saturate the color by 10%, you get **50.5808, 0.3523, 0.4163**, and if you desaturate by 10%, it is **52.7549, 0.3292, 0.3640**.

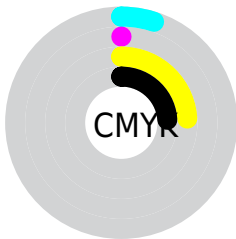
Distribution



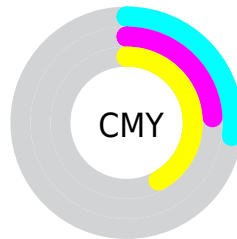
- Red (73%)
- Green (76%)
- Blue (58%)



- Red (58%)
- Yellow (76%)
- Blue (62%)



- Cyan (5%)
- Magenta (0%)
- Yellow (24%)
- Black (24%)




- Cyan (27%)
- Magenta (24%)
- Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 51.6074, 0.3409, 0.3900 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 51.6074, 0.3409, 0.3900 by changing the saturation by 10% instead.


 51.6074, 0.3409,
0.3900

 51.6074, 0.3409,
0.3900


392.9191, 0.3275,
0.3594

 36.6922, 0.3440,
0.3976


 92.5520, 0.3362,
0.3789

 24.9693, 0.3478,
0.4073


 119.3502, 0.3344,
0.3747

 16.0542, 0.3527,
0.4202


150.8782, 0.3328,
0.3712

 9.5625, 0.3588,
0.4379

187.5204, 0.3315,
0.3682

 5.1099, 0.3667,
0.4638

229.6612, 0.3303,
0.3656

 2.3119, 0.3825,
0.5127

277.6850, 0.3292,

 0.7800, 0.3769,

0.3633

0.6231

331.9761, 0.3283,
0.3612

0.0000, 0.0000,
0.0000

51.6074, 0.3409,
0.3900

51.6074, 0.3409,
0.3900

50.5808, 0.3523,
0.4163

52.7549, 0.3292,
0.3640

49.6629, 0.3628,
0.4421

54.0213, 0.3174,
0.3389

48.8503, 0.3720,
0.4663

55.4136, 0.3060,
0.3152

48.1366, 0.3793,
0.4878

56.9361, 0.2952,
0.2932

47.5147, 0.3842,
0.5057

58.5930, 0.2850,
0.2730

■ 46.9765, 0.3866,
0.5192

■ 59.7256, 0.2816,
0.2640

■ 46.5121, 0.3865,
0.5281

■ 60.2757, 0.2842,
0.2645

■ 46.2614, 0.3857,
0.5320

■ 60.8386, 0.2869,
0.2650

■ 61.4146, 0.2895,
0.2655

Harmonies

Analogous

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



51.6074, 0.3681, 0.3822



51.6074, 0.3409, 0.3900



51.6074, 0.3071, 0.3793

Triad

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



51.6074, 0.3409, 0.3900



51.6074, 0.2493, 0.2919



51.6074, 0.3493, 0.3062

Complementary

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



51.6074, 0.3409, 0.3900



32.2986, 0.2800, 0.2632

Split Complementary

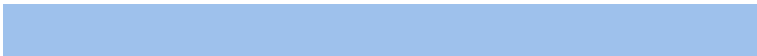
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



51.6074, 0.3155, 0.2851



51.6074, 0.3409, 0.3900



51.6074, 0.2589, 0.2760

Square

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



51.6074, 0.3409, 0.3900



51.6074, 0.2553, 0.3197



51.6074, 0.2826, 0.2741



51.6074, 0.3736, 0.3334

Rectangle

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



51.6074, 0.3409, 0.3900



51.6074, 0.2855, 0.3628



51.6074, 0.2826, 0.2741



51.6074, 0.3385, 0.2983

Sweetspot

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



51.6097, 0.3409, 0.3900



96.0400, 0.3209, 0.3463



37.7325, 0.3597, 0.3406



21.0006, 0.3217, 0.3479



0.0000, 0.0000, 0.0000



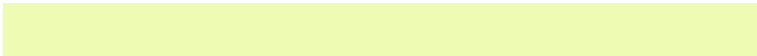
21.4041, 0.3127, 0.3290

Same Dimension

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



51.6097, 0.3409, 0.3900



91.4160, 0.3471, 0.4041



48.9474, 0.3215, 0.3939



11.6576, 0.3236, 0.3520



30.1005, 0.3861, 0.5316



1.3262, 0.3940, 0.5254

Inverse Universe

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



32.2986, 0.2800, 0.2632



50.7676, 0.2713, 0.2465



34.8457, 0.3013, 0.2672



9.8389, 0.3012, 0.3054



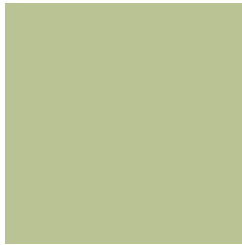
2.8493, 0.1599, 0.0654



0.1517, 0.1810, 0.0771

Previews

White Background



This preview shows how the Yxy color 51.6074, 0.3409, 0.3900 looks on a white background.

Color Contrast Check

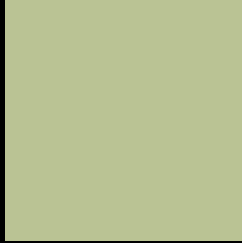
Large Text (above 18pt) WCAG AA × Fail

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 51.6074, 0.3409, 0.3900 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

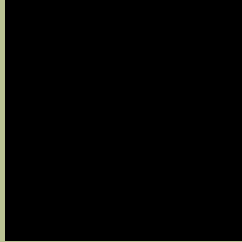
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

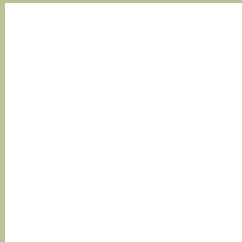
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 51.6074, 0.3409, 0.3900

Background



This preview shows how black text looks on a background with the Yxy color 51.6074, 0.3409, 0.3900.



This preview shows how white text looks on a background with the Yxy color 51.6074, 0.3409, 0.3900.

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

51.6074, 0.3409, 0.3900

Protanopia

51.5987, 0.3587, 0.3838

Deuteranopia

51.2199, 0.3744, 0.3657



Tritanopia

51.6157, 0.3055, 0.3106

Trichromacy



Original Color

51.6074, 0.3409, 0.3900

Protanomaly

51.6762, 0.3520, 0.3859

Deuteranomaly

51.2980, 0.3618, 0.3744

Tritanomaly

51.6277, 0.3180, 0.3391

Monochromacy



Original Color

51.6074, 0.3409, 0.3900

Achromatopsia

49.6933, 0.3127, 0.3290

Achromatomaly

50.4088, 0.3233, 0.3509

CSS Examples

Text

The CSS property to change the color of the text to Yxy 51.6074, 0.3409, 0.3900 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(186, 195, 148)` looks like.

```
.text, #text, p{  
    color:rgb(186, 195, 148)  
}
```

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(186, 195, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 195, 148) }
```

Border

The CSS property to change the border of an element to Yxy 51.6074, 0.3409, 0.3900 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(186, 195, 148) }
```

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

```
.border{ border-color:rgb(186, 195, 148) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 195, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 195, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 195, 148);  
box-shadow:4px 4px 4px 4px rgb(186, 195,  
148) }
```


Background

The CSS property to change the background color of an element to Yxy 51.6074, 0.3409, 0.3900 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 195, 148) }
```

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

```
.background{ background-color: rgb(186,  
195, 148) }
```

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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