

Converting Colors

$Yxy(50.9709, 0.3367, 0.3853)$

Have a look what the booklet for
Yxy(50.9709, 0.3367, 0.3853)
contains.

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Color

Yxy(51.0083, 0.3371, 0.3852)

Conversions

Conversions Part 1

Format	Color
Hex	B8C297
RGB	184, 194, 151
RGB Percent	72%, 76%, 59%
CMY	0.2786, 0.2392, 0.4078
CMYK	0.05, 0.00, 0.22, 0.24
HSL	74°, 26%, 68%
HSV	74°, 22%, 76%
XYZ	44.6389, 51.0083, 36.7731
YIQ	186.1080, 7.8430, -15.4930

Conversions

Conversions Part 2

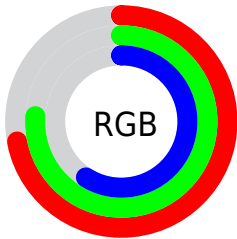
Format	Color
RYB	151, 194, 161
Decimal	12108439
CIELab	76.68, -10.85, 20.52
CIELCh	77, 23.211, 117.861
Yxy	51.0083, 0.3371, 0.3852
Android (android.graphics.Color)	4290298519 (0xFFB8C297)
YUV	186.1080, -17.3082, -1.8487
Hunter-Lab	71.4201, -13.4194, 19.4666

Details

The Yxy color **51.0083, 0.3371, 0.3852** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **33.6139, 0.2846, 0.2694**, and the grayscale version is **49.2605, 0.3127, 0.3290**.

A 20% lighter version of the original color is **91.3043, 0.3332, 0.3749**, and **24.5016, 0.3437, 0.4002** is the 20% darker color. If you saturate the color by 10%, you get **49.8803, 0.3478, 0.4119**, and if you desaturate by 10%, it is **52.2625, 0.3261, 0.3591**.

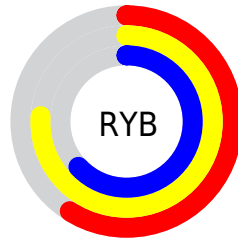
Distribution



Red (72%)

Green (76%)

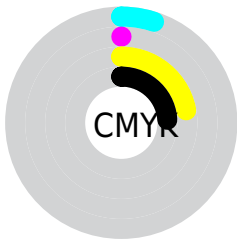
Blue (59%)



Red (59%)

Yellow (76%)

Blue (63%)

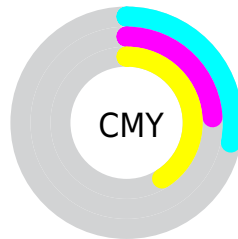


Cyan (5%)

Magenta (0%)

Yellow (22%)

Black (24%)



Cyan (28%)

Magenta (24%)

Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 51.0083, 0.3371, 0.3852 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 51.0083, 0.3371, 0.3852 by changing the saturation by 10% instead.

51.0083, 0.3371,
0.3852

51.0083, 0.3371,
0.3852

390.5960, 0.3255,
0.3570

36.2152, 0.3398,
0.3923

91.6670, 0.3330,
0.3749

24.6005, 0.3432,
0.4013

118.3015, 0.3314,
0.3711

15.7796, 0.3474,
0.4133

149.6518, 0.3301,
0.3678

9.3684, 0.3529,
0.4300

186.1025, 0.3289,
0.3650

4.9822, 0.3600,
0.4545

228.0378, 0.3279,
0.3626

2.2368, 0.3727,
0.4987

275.8423, 0.3270,

0.7400, 0.3721,

0.3605

0.6279

329.9002, 0.3262,
0.3586

0.0000, 0.0000,
0.0000

51.0083, 0.3371,
0.3852

51.0083, 0.3371,
0.3852

49.8803, 0.3478,
0.4119

52.2625, 0.3261,
0.3591

48.8665, 0.3578,
0.4384

53.6409, 0.3151,
0.3342

47.9635, 0.3665,
0.4636

55.1506, 0.3044,
0.3109

47.1651, 0.3735,
0.4866

56.7957, 0.2942,
0.2893

46.4644, 0.3782,
0.5061

58.5805, 0.2847,
0.2696

■ 45.8534, 0.3803,
0.5214

■ 59.6832, 0.2835,
0.2633

■ 45.3228, 0.3800,
0.5320

■ 60.3630, 0.2867,
0.2639

■ 44.9495, 0.3784,
0.5377

■ 61.0618, 0.2899,
0.2645

■ 61.7798, 0.2932,
0.2651

Harmonies

Analogous

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



51.0083, 0.3628, 0.3792



51.0083, 0.3371, 0.3852



51.0083, 0.3057, 0.3742

Triad

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



51.0083, 0.3371, 0.3852



51.0083, 0.2539, 0.2935



51.0083, 0.3483, 0.3094

Complementary

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



51.0083, 0.3371, 0.3852



33.6139, 0.2846, 0.2694

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.



51.0083, 0.3174, 0.2891



51.0083, 0.3371, 0.3852



51.0083, 0.2638, 0.2794

Square

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



51.0083, 0.3371, 0.3852



51.0083, 0.2586, 0.3187



51.0083, 0.2866, 0.2782



51.0083, 0.3699, 0.3349

Rectangle

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



51.0083, 0.3371, 0.3852



51.0083, 0.2859, 0.3585



51.0083, 0.2866, 0.2782



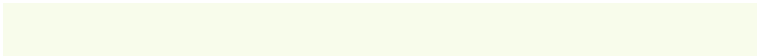
51.0083, 0.3386, 0.3018

Sweetspot

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



51.0105, 0.3371, 0.3852



95.9043, 0.3205, 0.3463



39.2101, 0.3545, 0.3424



20.9684, 0.3211, 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.



51.0105, 0.3371, 0.3852



91.2992, 0.3428, 0.3992



48.5558, 0.3191, 0.3885



11.6359, 0.3230, 0.3520



29.5868, 0.3790, 0.5373



1.3079, 0.3884, 0.5298

Inverse Universe

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



33.6139, 0.2846, 0.2694



53.7668, 0.2767, 0.2533



36.0427, 0.3044, 0.2727



9.8590, 0.3019, 0.3055



2.9642, 0.1637, 0.0675



0.1606, 0.1872, 0.0805

Previews

White Background



This preview shows how the Yxy color 51.0083, 0.3371, 0.3852 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 51.0083, 0.3371, 0.3852 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

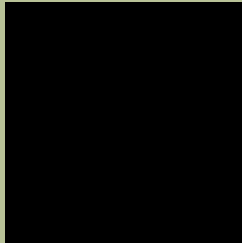
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

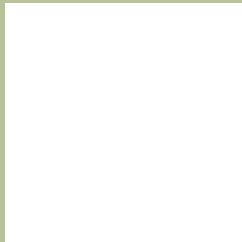
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 51.0083, 0.3371, 0.3852

Background



This preview shows how black text looks on a background with the Yxy color 51.0083, 0.3371, 0.3852.



This preview shows how white text looks on a background with the Yxy color 51.0083, 0.3371, 0.3852.

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

51.0083, 0.3371, 0.3852

Protanopia

50.9826, 0.3548, 0.3792

Deuteranopia

51.0046, 0.3700, 0.3624



Tritanopia

50.8813, 0.3046, 0.3105

Trichromacy



Original Color

51.0083, 0.3371, 0.3852

Protanomaly

51.0657, 0.3482, 0.3812

Deuteranomaly

50.6831, 0.3578, 0.3698

Tritanomaly

50.9372, 0.3164, 0.3379

Monochromacy



Original Color

51.0083, 0.3371, 0.3852

Achromatopsia

49.1021, 0.3127, 0.3290

Achromatomaly

49.7266, 0.3217, 0.3497

CSS Examples

Text

The CSS property to change the color of the text to Yxy 51.0083, 0.3371, 0.3852 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(184, 194, 151)` looks like.

```
.text, #text, p{  
    color:rgb(184, 194, 151)  
}
```

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(184, 194, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 194, 151) }
```

Border

The CSS property to change the border of an element to Yxy 51.0083, 0.3371, 0.3852 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(184, 194, 151) }
```

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

```
.border{ border-color:rgb(184, 194, 151) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 194, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 194, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 194, 151);  
box-shadow:4px 4px 4px 4px rgb(184, 194,  
151) }
```


Background

The CSS property to change the background color of an element to Yxy 51.0083, 0.3371, 0.3852 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 194, 151) }
```

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

```
.background{ background-color: rgb(184,  
194, 151) }
```

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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