

Converting Colors

Yxy(51.6584, 0.3448, 0.3933)

Have a look what the booklet for
Yxy(51.6584, 0.3448, 0.3933)
contains.

Yxy(51.7659, 0.3449, 0.3936)	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(51.7659, 0.3449, 0.3936)

Conversions

Conversions Part 1

Format	Color
Hex	BCC391
RGB	188, 195, 145
RGB Percent	74%, 76%, 57%
CMY	0.2628, 0.2352, 0.4313
CMYK	0.04, 0.00, 0.26, 0.24
HSL	68°, 29%, 67%
HSV	68°, 26%, 76%
XYZ	45.3609, 51.7659, 34.3922
YIQ	187.2070, 11.8780, -17.0340

Conversions

Conversions Part 2

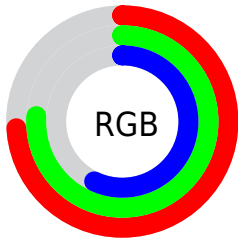
Format	Color
RYB	145, 195, 152
Decimal	12370833
CIELab	77.14, -10.73, 24.38
CIELCh	77, 26.638, 113.757
Yxy	51.7659, 0.3449, 0.3936
Android (android.graphics.Color)	4290560913 (0xFFBCC391)
YUV	187.2070, -20.8081, 0.6955
Hunter-Lab	71.9485, -13.3722, 22.0227

Details

The Yxy color **51.7659, 0.3449, 0.3936** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **30.8741, 0.2752, 0.2580**, and the grayscale version is **49.9312, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.1568, 0.3398, 0.3824**, and **24.9262, 0.3529, 0.4115** is the 20% darker color. If you saturate the color by 10%, you get **50.8721, 0.3571, 0.4194**, and if you desaturate by 10%, it is **52.7742, 0.3323, 0.3678**.

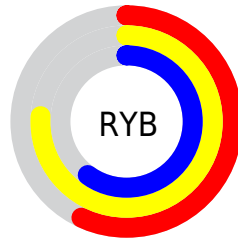
Distribution



Red (74%)

Green (76%)

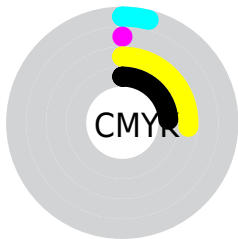
Blue (57%)



Red (57%)

Yellow (76%)

Blue (60%)

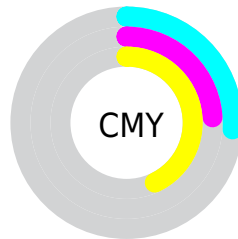


Cyan (4%)

Magenta (0%)

Yellow (26%)

Black (24%)



Cyan (26%)


Magenta (24%)


Yellow (43%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 51.7659, 0.3449, 0.3936 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 51.7659, 0.3449, 0.3936 by changing the saturation by 10% instead.


 51.7659, 0.3449,
0.3936

 51.7659, 0.3449,
0.3936


393.5322, 0.3296,
0.3613

 36.8185, 0.3484,
0.4016


 92.7859, 0.3395,
0.3819

 25.0670, 0.3528,
0.4118


 119.6273, 0.3375,
0.3775

 16.1270, 0.3583,
0.4253


151.2022, 0.3357,
0.3738

 9.6141, 0.3652,
0.4438

187.8949, 0.3341,
0.3705

 5.1438, 0.3741,
0.4704

230.0898, 0.3328,
0.3678

 2.3319, 0.3943,
0.5244

278.1715, 0.3316,

 0.7905, 0.3824,

0.3653

0.6176

332.5241, 0.3305,
0.3632

0.0000, 0.0000,
0.0000

51.7659, 0.3449,
0.3936

51.7659, 0.3449,
0.3936

50.8721, 0.3571,
0.4194

52.7742, 0.3323,
0.3678

50.0806, 0.3684,
0.4443

53.8950, 0.3197,
0.3427

49.3879, 0.3782,
0.4672


55.1352, 0.3074,
0.3188


48.7877, 0.3861,
0.4872


56.4993, 0.2957,
0.2964

48.2727, 0.3916,
0.5033


57.9912, 0.2848,
0.2757


 47.8347, 0.3945,
0.5151

 59.1549, 0.2788,
0.2635

 47.4633, 0.3949,
0.5224

 59.5471, 0.2807,
0.2639

 47.3132, 0.3946,
0.5249

 59.9463, 0.2827,
0.2642

 60.3524, 0.2846,
0.2646

Harmonies

Analogous

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



51.7659, 0.3728, 0.3838



51.7659, 0.3449, 0.3936



51.7659, 0.3094, 0.3839

Triad

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



51.7659, 0.3449, 0.3936



51.7659, 0.2458, 0.2916



51.7659, 0.3489, 0.3030

Complementary

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



51.7659, 0.3449, 0.3936



30.8741, 0.2752, 0.2580

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.



51.7659, 0.3128, 0.2815



51.7659, 0.3449, 0.3936



51.7659, 0.2547, 0.2739

Square

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



51.7659, 0.3449, 0.3936



51.7659, 0.2533, 0.3216



51.7659, 0.2786, 0.2708



51.7659, 0.3757, 0.3312

Rectangle

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



51.7659, 0.3449, 0.3936



51.7659, 0.2864, 0.3671



51.7659, 0.2786, 0.2708



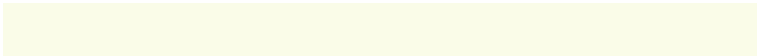
51.7659, 0.3373, 0.2949

Sweetspot

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



51.7682, 0.3449, 0.3936



95.9961, 0.3228, 0.3488



35.9998, 0.3643, 0.3381



20.9536, 0.3247, 0.3526



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.



51.7682, 0.3449, 0.3936



91.7452, 0.3521, 0.4087



48.9028, 0.3240, 0.3981



11.6842, 0.3244, 0.3519



30.7747, 0.3950, 0.5246



1.3498, 0.4008, 0.5200

Inverse Universe

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



30.8741, 0.2752, 0.2580



47.7421, 0.2650, 0.2393



33.5036, 0.2980, 0.2625



9.8145, 0.3005, 0.3053



2.7384, 0.1561, 0.0634



0.1407, 0.1731, 0.0727

Previews

White Background



This preview shows how the Yxy color 51.7659, 0.3449, 0.3936 looks on a white background.

Color Contrast Check

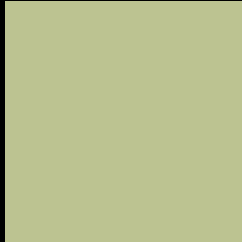
Large Text (above 18pt) WCAG AA × Fail

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 51.7659, 0.3449, 0.3936 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

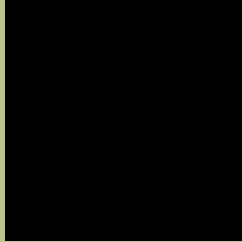
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

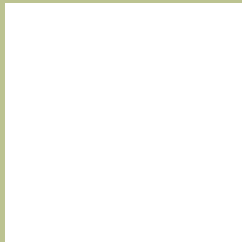
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 51.7659, 0.3449, 0.3936

Background



This preview shows how black text looks on a background with the Yxy color 51.7659, 0.3449, 0.3936.



This preview shows how white text looks on a background with the Yxy color 51.7659, 0.3449, 0.3936.

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

51.7659, 0.3449, 0.3936

Protanopia

51.6475, 0.3621, 0.3874

Deuteranopia

51.6931, 0.3775, 0.3702



Tritanopia

51.5407, 0.3087, 0.3107

Trichromacy



Original Color

51.7659, 0.3449, 0.3936

Protanomaly

51.7187, 0.3553, 0.3895

Deuteranomaly

51.3489, 0.3652, 0.3779

Tritanomaly

51.5006, 0.3221, 0.3403

Monochromacy



Original Color

51.7659, 0.3449, 0.3936

Achromatopsia

49.6933, 0.3127, 0.3290

Achromatomaly

50.3703, 0.3241, 0.3522

CSS Examples

Text

The CSS property to change the color of the text to Yxy 51.7659, 0.3449, 0.3936 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(188, 195, 145)` looks like.

```
.text, #text, p{  
    color:rgb(188, 195, 145)  
}
```

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(188, 195, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 195, 145) }
```

Border

The CSS property to change the border of an element to Yxy 51.7659, 0.3449, 0.3936 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(188, 195, 145) }
```

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

```
.border{ border-color:rgb(188, 195, 145) }
```

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

Here you see how a box with a 4 pixel rgb(188, 195, 145) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 195, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 195, 145);  
box-shadow:4px 4px 4px 4px rgb(188, 195,  
145) }
```


Background

The CSS property to change the background color of an element to Yxy 51.7659, 0.3449, 0.3936 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 195, 145) }
```

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

```
.background{ background-color: rgb(188,  
195, 145) }
```

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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