

Converting Colors

Yxy(51.4023, 0.3505, 0.3994)

Have a look what the booklet for
Yxy(51.4023, 0.3505, 0.3994)
contains.

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Color

Yxy(51.2958, 0.3499, 0.3987)

Conversions

Conversions Part 1

Format	Color
Hex	BDC28C
RGB	189, 194, 140
RGB Percent	74%, 76%, 55%
CMY	0.2587, 0.2392, 0.4509
CMYK	0.03, 0.00, 0.28, 0.24
HSL	66°, 31%, 65%
HSV	66°, 28%, 76%
XYZ	45.0173, 51.2958, 32.3445
YIQ	186.3490, 14.3540, -17.8540

Conversions

Conversions Part 2

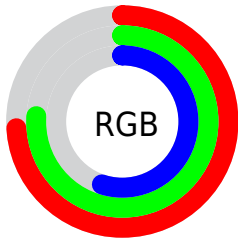
Format	Color
RYB	140, 194, 145
Decimal	12436108
CIELab	76.86, -10.50, 26.65
CIELCh	77, 28.647, 111.505
Yxy	51.2958, 0.3499, 0.3987
Android (android.graphics.Color)	4290626188 (0xFFBDC28C)
YUV	186.3490, -22.8501, 2.3249
Hunter-Lab	71.6211, -13.1410, 23.3590

Details

The Yxy color **51.2958, 0.3499, 0.3987** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **28.6739, 0.2691, 0.2506**, and the grayscale version is **49.4371, 0.3127, 0.3290**.

A 20% lighter version of the original color is **91.8591, 0.3439, 0.3856**, and **24.6283, 0.3595, 0.4182** is the 20% darker color. If you saturate the color by 10%, you get **50.5482, 0.3628, 0.4238**, and if you desaturate by 10%, it is **52.1517, 0.3365, 0.3732**.

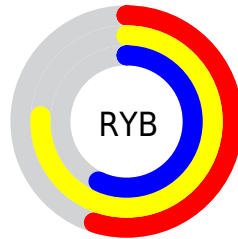
Distribution



Red (74%)

Green (76%)

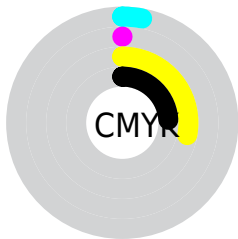
Blue (55%)



Red (55%)

Yellow (76%)

Blue (57%)

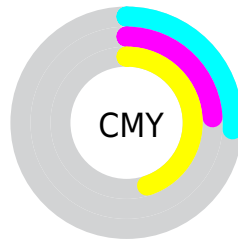


Cyan (3%)

Magenta (0%)

Yellow (28%)

Black (24%)



Cyan (26%)


Magenta (24%)


Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 51.2958, 0.3499, 0.3987 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 51.2958, 0.3499, 0.3987 by changing the saturation by 10% instead.

 51.2958, 0.3499,
0.3987

 51.2958, 0.3499,
0.3987


391.7119, 0.3322,
0.3639


 36.4441, 0.3540,
0.4073


 92.0919, 0.3437,
0.3861

 24.7774, 0.3590,
0.4183


 118.8050, 0.3413,
0.3813

 15.9113, 0.3653,
0.4327


 150.2407, 0.3392,
0.3773

 9.4614, 0.3732,
0.4523

186.7834, 0.3375,
0.3738

 5.0433, 0.3830,
0.4803

228.8175, 0.3359,
0.3708

 2.2727, 0.4125,
0.5469

276.7273, 0.3345,

 0.7592, 0.3800,

0.3682

0.6200

330.8974, 0.3333,
0.3659

0.0000, 0.0000,
0.0000

51.2958, 0.3499,
0.3987

51.2958, 0.3499,
0.3987

50.5482, 0.3628,
0.4238

52.1517, 0.3365,
0.3732

49.8967, 0.3747,
0.4477

53.1139, 0.3230,
0.3480

49.3378, 0.3851,
0.4691

54.1894, 0.3099,
0.3239

48.8652, 0.3933,
0.4873

55.3824, 0.2974,
0.3011

48.4714, 0.3991,
0.5015

56.6970, 0.2856,
0.2799

■ 48.1481, 0.4023,
0.5113

■ 58.0459, 0.2755,
0.2618

■ 47.8826, 0.4031,
0.5170

■ 58.2929, 0.2767,
0.2620

■ 47.8280, 0.4032,
0.5180

■ 58.5427, 0.2780,
0.2622

■ 58.7954, 0.2792,
0.2625

Harmonies

Analogous

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



51.2958, 0.3790, 0.3864



51.2958, 0.3499, 0.3987



51.2958, 0.3119, 0.3901

Triad

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



51.2958, 0.3499, 0.3987



51.2958, 0.2408, 0.2905



51.2958, 0.3489, 0.2990

Complementary

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



51.2958, 0.3499, 0.3987



28.6739, 0.2691, 0.2506

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.



51.2958, 0.3097, 0.2767



51.2958, 0.3499, 0.3987



51.2958, 0.2491, 0.2706

Square

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



51.2958, 0.3499, 0.3987



51.2958, 0.2501, 0.3236



51.2958, 0.2735, 0.2663



51.2958, 0.3792, 0.3288

Rectangle

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



51.2958, 0.3499, 0.3987



51.2958, 0.2869, 0.3726



51.2958, 0.2735, 0.2663



51.2958, 0.3362, 0.2905

Sweetspot

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



51.2981, 0.3499, 0.3987



96.1777, 0.3234, 0.3488



33.4652, 0.3710, 0.3352



21.0007, 0.3255, 0.3526



0.0000, 0.0000, 0.0000



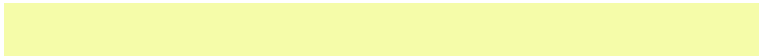
21.4041, 0.3127, 0.3290

Same Dimension

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



51.2981, 0.3499, 0.3987



92.1467, 0.3574, 0.4131



48.2105, 0.3271, 0.4041



11.7097, 0.3251, 0.3518



31.4658, 0.4034, 0.5179



1.3736, 0.4072, 0.5149

Inverse Universe

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



28.6739, 0.2691, 0.2506



44.8104, 0.2585, 0.2319



31.3702, 0.2939, 0.2559



9.7913, 0.2997, 0.3053



2.6607, 0.1535, 0.0619



0.1303, 0.1654, 0.0685

Previews

White Background



This preview shows how the Yxy color 51.2958, 0.3499, 0.3987 looks on a white background.

Color Contrast Check

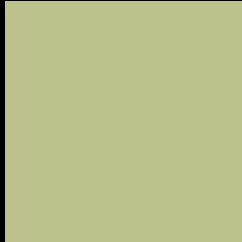
Large Text (above 18pt) WCAG AA × Fail

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 51.2958, 0.3499, 0.3987 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

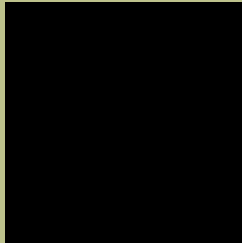
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

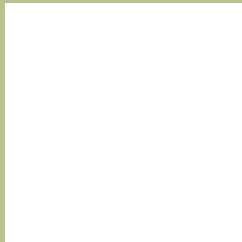
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 51.2958, 0.3499, 0.3987

Background



This preview shows how black text looks on a background with the Yxy color 51.2958, 0.3499, 0.3987.



This preview shows how white text looks on a background with the Yxy color 51.2958, 0.3499, 0.3987.

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

51.2958, 0.3499, 0.3987

Protanopia

51.0675, 0.3664, 0.3924

Deuteranopia

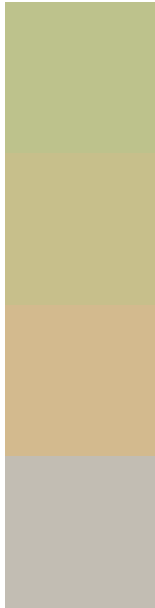
51.1270, 0.3822, 0.3750



Tritanopia

51.2052, 0.3103, 0.3107

Trichromacy



Original Color

51.2958, 0.3499, 0.3987

Protanomaly

51.2678, 0.3604, 0.3945

Deuteranomaly

50.9197, 0.3706, 0.3827

Tritanomaly

51.1192, 0.3246, 0.3416

Monochromacy



Original Color

51.2958, 0.3499, 0.3987

Achromatopsia

49.1021, 0.3127, 0.3290

Achromatomaly

49.8246, 0.3266, 0.3548

CSS Examples

Text

The CSS property to change the color of the text to Yxy 51.2958, 0.3499, 0.3987 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(189, 194, 140)` looks like.

```
.text, #text, p{  
    color:rgb(189, 194, 140)  
}
```

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(189, 194, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 194, 140) }
```

Border

The CSS property to change the border of an element to Yxy 51.2958, 0.3499, 0.3987 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(189, 194, 140) }
```

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

```
.border{ border-color:rgb(189, 194, 140) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 194, 140)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 194, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 194, 140);  
box-shadow:4px 4px 4px 4px rgb(189, 194,  
140) }
```


Background

The CSS property to change the background color of an element to Yxy 51.2958, 0.3499, 0.3987 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 194, 140) }
```

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

```
.background{ background-color: rgb(189,  
194, 140) }
```

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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