

Converting Colors

Yxy(51.8612, 0.3513, 0.3914)

Have a look what the booklet for
Yxy(51.8612, 0.3513, 0.3914)
contains.

Yxy(51.6229, 0.3515, 0.3914)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(51.6229, 0.3515, 0.3914)

Conversions

Conversions Part 1

Format	Color
Hex	C2C190
RGB	194, 193, 144
RGB Percent	76%, 76%, 56%
CMY	0.2391, 0.2432, 0.4353
CMYK	0.00, 0.01, 0.26, 0.24
HSL	59°, 29%, 66%
HSV	59°, 26%, 76%
XYZ	46.3604, 51.6229, 33.9097
YIQ	187.7130, 16.3250, -15.0270

Conversions

Conversions Part 2

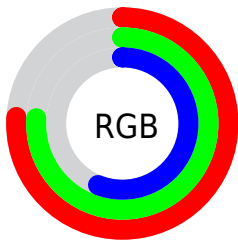
Format	Color
R _Y B	145, 194, 144
Decimal	12763536
CIE Lab	77.05, -7.51, 24.87
CIE LCh	77, 25.983, 106.806
Yxy	51.6229, 0.3515, 0.3914
Android (android.graphics.Color)	4290953616 (0xFFC2C190)
YUV	187.7130, -21.5505, 5.5137
Hunter-Lab	71.8491, -10.5594, 22.3120

Details

The Yxy color **51.6229, 0.3515, 0.3914** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **30.0958, 0.2689, 0.2579**, and the grayscale version is **50.2402, 0.3127, 0.3290**.

A 20% lighter version of the original color is **92.3378, 0.3450, 0.3800**, and **25.1219, 0.3615, 0.4096** is the 20% darker color. If you saturate the color by 10%, you get **50.9024, 0.3665, 0.4154**, and if you desaturate by 10%, it is **52.4505, 0.3362, 0.3669**.

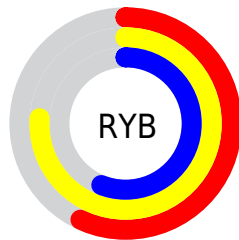
Distribution



Red (76%)

Green (76%)

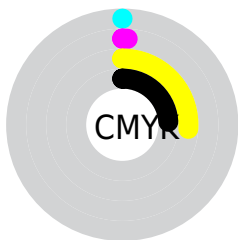
Blue (56%)



Red (57%)

Yellow (76%)

Blue (56%)

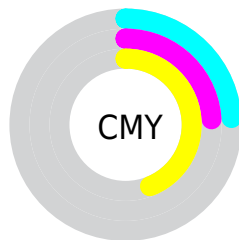


Cyan (0%)

Magenta (1%)

Yellow (26%)

Black (24%)



Cyan (24%)


Magenta (24%)


Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 51.6229, 0.3515, 0.3914 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 51.6229, 0.3515, 0.3914 by changing the saturation by 10% instead.


 51.6229, 0.3515,
0.3914

 51.6229, 0.3515,
0.3914


392.9791, 0.3329,
0.3604

 36.7046, 0.3559,
0.3990

 92.5749, 0.3449,
0.3802

 24.9788, 0.3613,
0.4087


 119.3773, 0.3424,
0.3760

 16.0613, 0.3682,
0.4214


150.9099, 0.3402,
0.3724

 9.5675, 0.3771,
0.4386

187.5570, 0.3384,
0.3693

 5.1132, 0.3888,
0.4630

229.7031, 0.3367,
0.3666

 2.3138, 0.4154,
0.5142

277.7326, 0.3353,

 0.7810, 0.4171,

0.3643

0.5829

332.0297, 0.3340,
0.3622

0.0000, 0.0000,
0.0000

51.6229, 0.3515,
0.3914

51.6229, 0.3515,
0.3914

50.9024, 0.3665,
0.4154

52.4505, 0.3362,
0.3669

50.2768, 0.3807,
0.4379

53.3832, 0.3212,
0.3427

49.7428, 0.3935,
0.4581

54.4277, 0.3067,
0.3193


49.2941, 0.4044,
0.4750


55.5883, 0.2930,
0.2971


48.9237, 0.4128,
0.4879


56.8691, 0.2803,
0.2765

 48.6234, 0.4187,
0.4966


 57.9189, 0.2718,
0.2627

 48.3829, 0.4220,
0.5011

 58.1019, 0.2718,
0.2632

 48.2906, 0.4230,
0.5023

 58.2854, 0.2719,
0.2636

 58.4693, 0.2719,
0.2641

Harmonies

Analogous

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



51.6229, 0.3757, 0.3782



51.6229, 0.3515, 0.3914



51.6229, 0.3177, 0.3865

Triad

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



51.6229, 0.3515, 0.3914



51.6229, 0.2475, 0.2984



51.6229, 0.3403, 0.2980

Complementary

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



51.6229, 0.3515, 0.3914



30.0958, 0.2689, 0.2579

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.



51.6229, 0.3046, 0.2790



51.6229, 0.3515, 0.3914



51.6229, 0.2526, 0.2779

Square

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



51.6229, 0.3515, 0.3914



51.6229, 0.2586, 0.3297



51.6229, 0.2729, 0.2715



51.6229, 0.3695, 0.3245

Rectangle

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



51.6229, 0.3515, 0.3914



51.6229, 0.2945, 0.3726



51.6229, 0.2729, 0.2715



51.6229, 0.3285, 0.2906

Sweetspot

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



51.6252, 0.3515, 0.3914



96.2578, 0.3247, 0.3483



33.4896, 0.3651, 0.3269



21.0215, 0.3270, 0.3520



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.



51.6252, 0.3515, 0.3914



92.7187, 0.3601, 0.4052



49.2392, 0.3311, 0.3970



11.7209, 0.3265, 0.3513



31.7507, 0.4230, 0.5024



1.3835, 0.4221, 0.5031

Inverse Universe

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



30.0958, 0.2689, 0.2579



47.0616, 0.2576, 0.2394



32.1010, 0.2900, 0.2605



9.7810, 0.2983, 0.3057



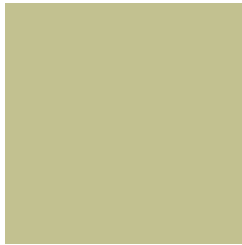
2.6340, 0.1504, 0.0615



0.1257, 0.1520, 0.0673

Previews

White Background



This preview shows how the Yxy color 51.6229, 0.3515, 0.3914 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 51.6229, 0.3515, 0.3914 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

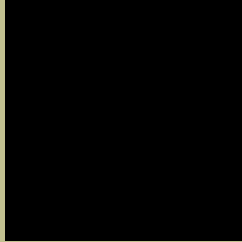
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

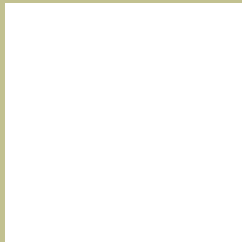
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 51.6229, 0.3515, 0.3914

Background



This preview shows how black text looks on a background with the Yxy color 51.6229, 0.3515, 0.3914.



This preview shows how white text looks on a background with the Yxy color 51.6229, 0.3515, 0.3914.

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

51.6229, 0.3515, 0.3914

Protanopia

51.6475, 0.3621, 0.3874

Deuteranopia

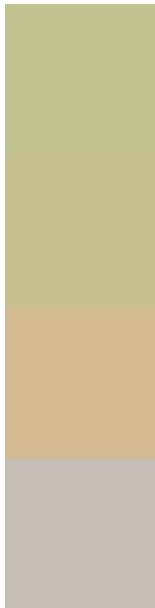
51.2192, 0.3796, 0.3715



Tritanopia

51.7054, 0.3143, 0.3121

Trichromacy



Original Color

51.6229, 0.3515, 0.3914

Protanomaly

51.5241, 0.3582, 0.3893

Deuteranomaly

51.1592, 0.3690, 0.3789

Tritanomaly

51.6962, 0.3272, 0.3402

Monochromacy



Original Color

51.6229, 0.3515, 0.3914

Achromatopsia

50.2886, 0.3127, 0.3290

Achromatomaly

50.7526, 0.3266, 0.3520

CSS Examples

Text

The CSS property to change the color of the text to Yxy 51.6229, 0.3515, 0.3914 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(194, 193, 144)` looks like.

```
.text, #text, p{  
    color:rgb(194, 193, 144)  
}
```

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(194, 193, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 193, 144) }
```

Border

The CSS property to change the border of an element to Yxy 51.6229, 0.3515, 0.3914 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(194, 193, 144) }
```

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

```
.border{ border-color:rgb(194, 193, 144) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 193, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 193, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 193, 144);  
box-shadow:4px 4px 4px 4px rgb(194, 193,  
144) }
```


Background

The CSS property to change the background color of an element to Yxy 51.6229, 0.3515, 0.3914 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 193, 144) }
```

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

```
.background{ background-color: rgb(194,  
193, 144) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor