

Converting Colors

Yxy(51.4235, 0.3513, 0.3902)

Have a look what the booklet for
Yxy(51.4235, 0.3513, 0.3902)
contains.

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Color

Yxy(51.1822, 0.3518, 0.3903)

Conversions

Conversions Part 1

Format	Color
Hex	C2C090
RGB	194, 192, 144
RGB Percent	76%, 75%, 56%
CMY	0.2391, 0.2471, 0.4354
CMYK	0.00, 0.01, 0.26, 0.24
HSL	58°, 29%, 66%
HSV	58°, 26%, 76%
XYZ	46.1335, 51.1822, 33.8199
YIQ	187.1260, 16.6000, -14.5040

Conversions

Conversions Part 2

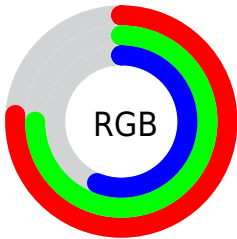
Format	Color
R_{YB}	146, 194, 144
Decimal	12763280
CIE _{Lab}	76.79, -7.01, 24.54
CIE _{LCh}	77, 25.517, 105.947
Yxy	51.1822, 0.3518, 0.3903
Android (android.graphics.Color)	4290953360 (0xFFC2C090)
YUV	187.1260, -21.2611, 6.0285
Hunter-Lab	71.5417, -10.0928, 22.0511

Details

The Yxy color **51.1822, 0.3518, 0.3903** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **30.3761, 0.2690, 0.2593**, and the grayscale version is **49.8853, 0.3127, 0.3290**.

A 20% lighter version of the original color is **91.7213, 0.3452, 0.3790**, and **24.8310, 0.3620, 0.4081** is the 20% darker color. If you saturate the color by 10%, you get **50.2987, 0.3671, 0.4139**, and if you desaturate by 10%, it is **52.1740, 0.3364, 0.3662**.

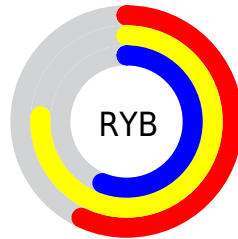
Distribution



Red (76%)

Green (75%)

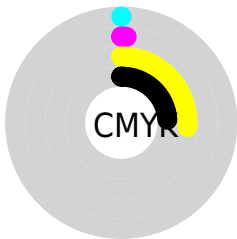
Blue (56%)



Red (57%)

Yellow (76%)

Blue (56%)

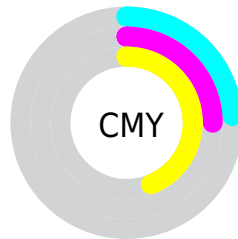


Cyan (0%)

Magenta (1%)

Yellow (26%)

Black (24%)



Cyan (24%)


Magenta (25%)


Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 51.1822, 0.3518, 0.3903 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 51.1822, 0.3518, 0.3903 by changing the saturation by 10% instead.


 51.1822, 0.3518,
0.3903

 51.1822, 0.3518,
0.3903


391.2713, 0.3330,
0.3598

 36.3536, 0.3562,
0.3978


 91.9240, 0.3451,
0.3793

 24.7074, 0.3618,
0.4073


 118.6061, 0.3426,
0.3751

 15.8592, 0.3688,
0.4198


150.0081, 0.3404,
0.3716

 9.4246, 0.3779,
0.4368

186.5145, 0.3385,
0.3686

 5.0191, 0.3900,
0.4609

228.5096, 0.3368,
0.3660

 2.2585, 0.4179,
0.5122

276.3778, 0.3354,

 0.7516, 0.4195,

0.3637

0.5805

330.5036, 0.3341,
0.3616

0.0000, 0.0000,
0.0000

51.1822, 0.3518,
0.3903

51.1822, 0.3518,
0.3903

50.2987, 0.3671,
0.4139

52.1740, 0.3364,
0.3662

49.5116, 0.3816,
0.4362

53.2722, 0.3212,
0.3424

48.8173, 0.3949,
0.4561


54.4835, 0.3067,
0.3195

48.2096, 0.4062,
0.4728


55.8122, 0.2931,
0.2978

47.6814, 0.4152,
0.4856


57.2624, 0.2804,
0.2775


 47.2246, 0.4216,
0.4941


 58.4865, 0.2719,
0.2642

 46.8290, 0.4254,
0.4984

 58.8421, 0.2720,
0.2651

 46.6722, 0.4265,
0.4995

 59.1995, 0.2720,
0.2659

 59.5588, 0.2721,
0.2668

Harmonies

Analogous

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



51.1822, 0.3752, 0.3769



51.1822, 0.3518, 0.3903



51.1822, 0.3187, 0.3860

Triad

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



51.1822, 0.3518, 0.3903



51.1822, 0.2486, 0.2996



51.1822, 0.3389, 0.2978

Complementary

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



51.1822, 0.3518, 0.3903



30.3761, 0.2690, 0.2593

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.



51.1822, 0.3037, 0.2793



51.1822, 0.3518, 0.3903



51.1822, 0.2531, 0.2791

Square

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



51.1822, 0.3518, 0.3903



51.1822, 0.2599, 0.3306



51.1822, 0.2727, 0.2723



51.1822, 0.3680, 0.3238

Rectangle

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



51.1822, 0.3518, 0.3903



51.1822, 0.2958, 0.3726



51.1822, 0.2727, 0.2723



51.1822, 0.3273, 0.2906

Sweetspot

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



51.1845, 0.3518, 0.3903



96.0123, 0.3247, 0.3479



33.4989, 0.3642, 0.3258



20.9577, 0.3270, 0.3516



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.



51.1845, 0.3518, 0.3903



91.7762, 0.3605, 0.4039



49.3189, 0.3318, 0.3969



11.6864, 0.3266, 0.3509



30.7086, 0.4264, 0.4996



1.3488, 0.4247, 0.5010

Inverse Universe

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



30.3761, 0.2690, 0.2593



47.6588, 0.2578, 0.2412



31.9931, 0.2892, 0.2604



9.8116, 0.2983, 0.3062



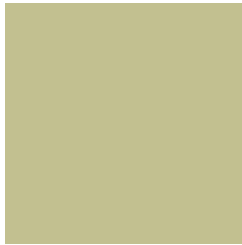
2.7015, 0.1508, 0.0630



0.1397, 0.1539, 0.0738

Previews

White Background



This preview shows how the Yxy color 51.1822, 0.3518, 0.3903 looks on a white background.

Color Contrast Check

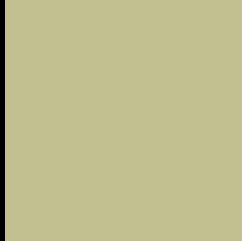
Large Text (above 18pt) WCAG AA × Fail

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 51.1822, 0.3518, 0.3903 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

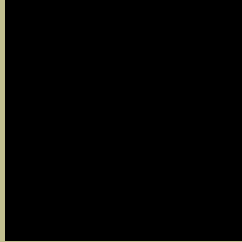
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

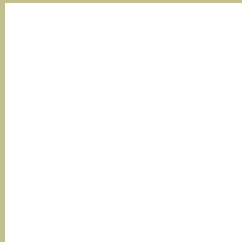
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 51.1822, 0.3518, 0.3903

Background



This preview shows how black text looks on a background with the Yxy color 51.1822, 0.3518, 0.3903.



This preview shows how white text looks on a background with the Yxy color 51.1822, 0.3518, 0.3903.

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

51.1822, 0.3518, 0.3903

Protanopia

51.0749, 0.3615, 0.3864

Deuteranopia

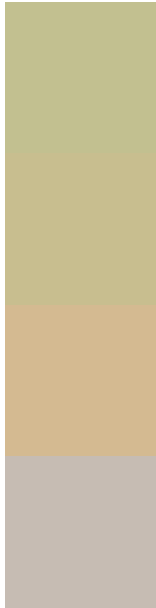
51.0608, 0.3787, 0.3716



Tritanopia

51.2390, 0.3152, 0.3121

Trichromacy



Original Color

51.1822, 0.3518, 0.3903

Protanomaly

51.0894, 0.3585, 0.3881

Deuteranomaly

51.1592, 0.3690, 0.3789

Tritanomaly

51.2269, 0.3282, 0.3402

Monochromacy



Original Color

51.1822, 0.3518, 0.3903

Achromatopsia

49.6933, 0.3127, 0.3290

Achromatomaly

50.2826, 0.3275, 0.3520

CSS Examples

Text

The CSS property to change the color of the text to Yxy 51.1822, 0.3518, 0.3903 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, 192, 144)` looks like.

```
.text, #text, p{  
    color:rgb(194, 192, 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, 192, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 192, 144) }
```

Border

The CSS property to change the border of an element to Yxy 51.1822, 0.3518, 0.3903 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, 192, 144) }
```

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

```
.border{ border-color:rgb(194, 192, 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, 192, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 192, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 192, 144);  
box-shadow:4px 4px 4px 4px rgb(194, 192,  
144) }
```


Background

The CSS property to change the background color of an element to Yxy 51.1822, 0.3518, 0.3903 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 192, 144) }
```

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

```
.background{ background-color: rgb(194,  
192, 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](#).

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