

Converting Colors

Yxy(51.4918, 0.3459, 0.4176)

Have a look what the booklet for
Yxy(51.4918, 0.3459, 0.4176)
contains.

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Color

Yxy(51.4918, 0.3459, 0.4176)

Conversions

Conversions Part 1

Format	Color
Hex	B2C683
RGB	178, 198, 131
RGB Percent	70%, 78%, 51%
CMY	0.3020, 0.2235, 0.4863
CMYK	0.10, 0.00, 0.34, 0.22
HSL	78°, 37%, 65%
HSV	78°, 34%, 78%
XYZ	42.6509, 51.4918, 29.1614
YIQ	184.3820, 9.5870, -25.0770

Conversions

Conversions Part 2

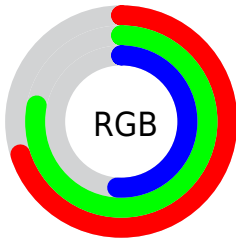
Format	Color
RYB	131, 198, 151
Decimal	11716227
CIELab	76.98, -17.96, 31.39
CIELCh	77, 36.163, 119.784
Yxy	51.4918, 0.3459, 0.4176
Android (android.graphics.Color)	4289906307 (0xFFB2C683)
YUV	184.3820, -26.3173, -5.5970
Hunter-Lab	71.7578, -19.4805, 26.1358

Details

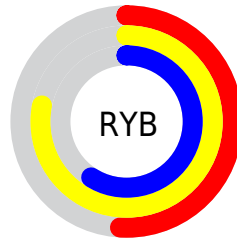
The Yxy color **51.4918, 0.3459, 0.4176** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **26.8880, 0.2703, 0.2339**, and the grayscale version is **48.3005, 0.3127, 0.3290**.

A 20% lighter version of the original color is **92.5152, 0.3402, 0.4012**, and **24.8257, 0.3522, 0.4423** is the 20% darker color. If you saturate the color by 10%, you get **50.3233, 0.3545, 0.4448**, and if you desaturate by 10%, it is **52.7976, 0.3364, 0.3902**.

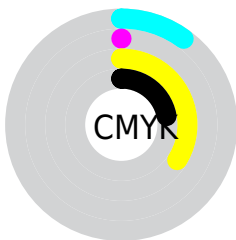
Distribution



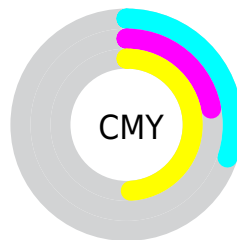
- Red (70%)
- Green (78%)
- Blue (51%)



- Red (51%)
- Yellow (78%)
- Blue (59%)



- Cyan (10%)
- Magenta (0%)
- Yellow (34%)
- Black (22%)





- Cyan (30%)
- Magenta (22%)
- Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 51.4918, 0.3459, 0.4176 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 51.4918, 0.3459, 0.4176 by changing the saturation by 10% instead.


 51.4918, 0.3459,
0.4176


 51.4918, 0.3459,
0.4176


392.4715, 0.3307,
0.3728


 36.6002, 0.3492,
0.4288


 92.3813, 0.3408,
0.4013

 24.8981, 0.3530,
0.4430


 119.1480, 0.3387,
0.3952

 16.0011, 0.3575,
0.4618


 150.6418, 0.3369,
0.3900

 9.5249, 0.3624,
0.4875

187.2471, 0.3354,
0.3856

 5.0851, 0.3667,
0.5240

229.3483, 0.3340,
0.3818

 2.2973, 0.3879,
0.6121

277.3299, 0.3328,

 0.7723, 0.2768,

0.3784

0.7232

331.5762, 0.3317,
0.3755

0.0000, 0.0000,
0.0000

51.4918, 0.3459,
0.4176

51.4918, 0.3459,
0.4176

50.3233, 0.3545,
0.4448

52.7976, 0.3364,
0.3902

49.2790, 0.3618,
0.4709

54.2396, 0.3265,
0.3636

48.3544, 0.3673,
0.4946


55.8254, 0.3165,
0.3383

47.5418, 0.3704,
0.5148


57.5602, 0.3068,
0.3147

46.8324, 0.3711,
0.5306


59.4487, 0.2974,
0.2929


 46.2159, 0.3692,
0.5415

 61.4955, 0.2886,
0.2731

 45.8706, 0.3673,
0.5466

 62.7286, 0.2894,
0.2687

 63.6638, 0.2936,
0.2694

 64.6319, 0.2979,
0.2702

Harmonies

Analogous

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



51.4918, 0.3872, 0.4070



51.4918, 0.3459, 0.4176



51.4918, 0.2976, 0.3994

Triad

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



51.4918, 0.3459, 0.4176



51.4918, 0.2244, 0.2714



51.4918, 0.3706, 0.3009

Complementary

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



51.4918, 0.3459, 0.4176



26.8880, 0.2703, 0.2339

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.



51.4918, 0.3223, 0.2707



51.4918, 0.3459, 0.4176



51.4918, 0.2401, 0.2529

Square

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



51.4918, 0.3459, 0.4176



51.4918, 0.2296, 0.3085



51.4918, 0.2747, 0.2534



51.4918, 0.4034, 0.3385

Rectangle

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



51.4918, 0.3459, 0.4176



51.4918, 0.2681, 0.3728



51.4918, 0.2747, 0.2534



51.4918, 0.3554, 0.2897

Sweetspot

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



51.4941, 0.3459, 0.4176



97.0499, 0.3228, 0.3541



35.4518, 0.3828, 0.3544



20.6885, 0.3242, 0.3577



0.0000, 0.0000, 0.0000



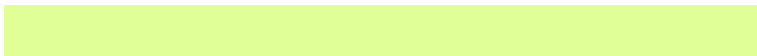
21.4041, 0.3127, 0.3290

Same Dimension

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



51.4941, 0.3459, 0.4176



89.5506, 0.3527, 0.4388



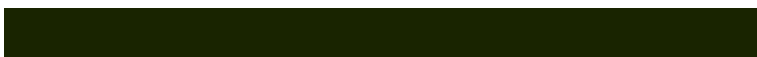
48.0954, 0.3191, 0.4256



12.2520, 0.3220, 0.3521



29.8755, 0.3680, 0.5460



1.4509, 0.3791, 0.5372

Inverse Universe

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



26.8880, 0.2703, 0.2339



39.0801, 0.2581, 0.2091



30.4358, 0.3020, 0.2421



10.4384, 0.3028, 0.3054



3.2974, 0.1708, 0.0715



0.1944, 0.1944, 0.0845

Previews

White Background



This preview shows how the Yxy color 51.4918, 0.3459, 0.4176 looks on a white background.

Color Contrast Check

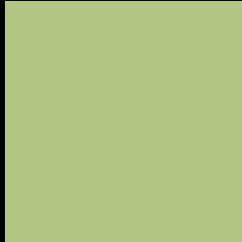
Large Text (above 18pt) WCAG AA × Fail

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 51.4918, 0.3459, 0.4176 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

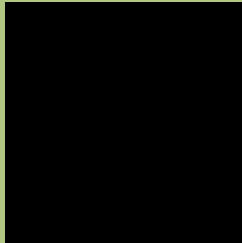
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 51.4918, 0.3459, 0.4176

Background



This preview shows how black text looks on a background with the Yxy color 51.4918, 0.3459, 0.4176.



This preview shows how white text looks on a background with the Yxy color 51.4918, 0.3459, 0.4176.

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

51.4918, 0.3459, 0.4176

Protanopia

51.5072, 0.3757, 0.4052

Deuteranopia

51.3739, 0.3918, 0.3836



Tritanopia

51.4462, 0.3007, 0.3105

Trichromacy



Original Color

51.4918, 0.3459, 0.4176

Protanomaly

51.4607, 0.3648, 0.4099

Deuteranomaly

51.2430, 0.3745, 0.3951

Tritanomaly

51.0639, 0.3175, 0.3483

Monochromacy



Original Color

51.4918, 0.3459, 0.4176

Achromatopsia

47.9320, 0.3127, 0.3290

Achromatomaly

49.0569, 0.3254, 0.3605

CSS Examples

Text

The CSS property to change the color of the text to Yxy 51.4918, 0.3459, 0.4176 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(178, 198, 131)` looks like.

```
.text, #text, p{  
    color:rgb(178, 198, 131)  
}
```

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(178, 198, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 198, 131) }
```

Border

The CSS property to change the border of an element to Yxy 51.4918, 0.3459, 0.4176 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(178, 198, 131) }
```

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

```
.border{ border-color:rgb(178, 198, 131) }
```

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

Here you see how a box with a 4 pixel `rgb(178, 198, 131)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 198, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 198, 131);  
box-shadow:4px 4px 4px 4px rgb(178, 198,  
131) }
```


Background

The CSS property to change the background color of an element to Yxy 51.4918, 0.3459, 0.4176 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 198, 131) }
```

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

```
.background{ background-color: rgb(178,  
198, 131) }
```

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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