

Converting Colors

$Yxy(41.3849, 0.3159, 0.3853)$

Have a look what the booklet for
Yxy(41.3849, 0.3159, 0.3853)
contains.

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Color

Yxy(41.5149, 0.3160, 0.3852)

Conversions

Conversions Part 1

Format	Color
Hex	96B58F
RGB	150, 181, 143
RGB Percent	59%, 71%, 56%
CMY	0.4118, 0.2902, 0.4392
CMYK	0.17, 0.00, 0.21, 0.29
HSL	109°, 20%, 64%
HSV	109°, 21%, 71%
XYZ	34.0569, 41.5149, 32.2031
YIQ	167.3990, -6.2780, -18.3900

Conversions

Conversions Part 2

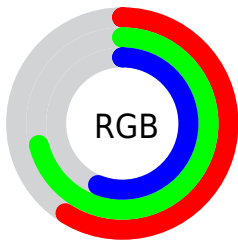
Format	Color
RYB	143, 181, 174
Decimal	9876879
CIELab	70.54, -17.86, 15.95
CIELCh	71, 23.945, 138.245
Yxy	41.5149, 0.3160, 0.3852
Android (android.graphics.Color)	4288066959 (0xFF96B58F)
YUV	167.3990, -12.0287, -15.2589
Hunter-Lab	64.4321, -18.4063, 15.4693

Details

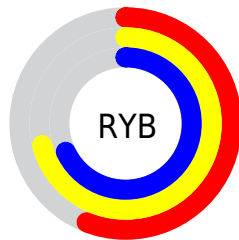
The Yxy color **41.5149, 0.3160, 0.3852** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **31.9819, 0.3081, 0.2766**, and the grayscale version is **38.9097, 0.3127, 0.3290**.

A 20% lighter version of the original color is **77.5787, 0.3159, 0.3739**, and **18.8813, 0.3162, 0.4022** is the 20% darker color. If you saturate the color by 10%, you get **39.6974, 0.3171, 0.4162**, and if you desaturate by 10%, it is **43.6011, 0.3145, 0.3568**.

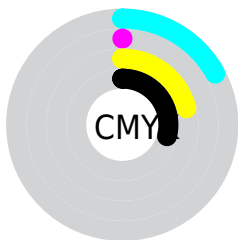
Distribution



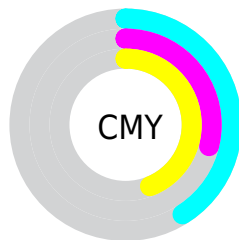
- Red (59%)
- Green (71%)
- Blue (56%)



- Red (56%)
- Yellow (71%)
- Blue (68%)



- Cyan (17%)
- Magenta (0%)
- Yellow (21%)
- Black (29%)




- Cyan (41%)
- Magenta (29%)
- Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 41.5149, 0.3160, 0.3852 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 41.5149, 0.3160, 0.3852 by changing the saturation by 10% instead.

 41.5149, 0.3160,
0.3852

 41.5149, 0.3160,
0.3852

352.4681, 0.3148,
0.3557

 28.7216, 0.3161,
0.3931


 77.4649, 0.3157,
0.3741

 18.8703, 0.3162,
0.4034


 101.3905, 0.3155,
0.3701

 11.5766, 0.3160,
0.4178


129.7955, 0.3154,
0.3667

 6.4561, 0.3153,
0.4389

163.0646, 0.3152,
0.3638

 3.1243, 0.3130,
0.4726

201.5820, 0.3151,
0.3613

 1.1970, 0.3322,
0.5912

245.7321, 0.3150,

 0.0592, 0.0000,

0.3592

1.0000

295.8993, 0.3149,
0.3573

0.0000, 0.0000,
0.0000

41.5149, 0.3160,
0.3852

41.5149, 0.3160,
0.3852

39.6974, 0.3171,
0.4162

43.6011, 0.3145,
0.3568

38.1327, 0.3177,
0.4491

45.9610, 0.3129,
0.3314

36.8108, 0.3177,
0.4828


48.6059, 0.3111,
0.3089

35.7193, 0.3168,
0.5154


51.5449, 0.3094,
0.2891

34.8447, 0.3150,
0.5448


54.7868, 0.3076,
0.2718


 34.1718, 0.3123,
0.5687

 58.3401, 0.3059,
0.2568

 33.6835, 0.3090,
0.5856

 61.2291, 0.3149,
0.2563

 33.3789, 0.3060,
0.5952

 61.5311, 0.3161,
0.2566

Harmonies

Analogous

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



41.5149, 0.3497, 0.3910



41.5149, 0.3160, 0.3852



41.5149, 0.2826, 0.3613

Triad

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



41.5149, 0.3160, 0.3852



41.5149, 0.2538, 0.2777



41.5149, 0.3700, 0.3260

Complementary

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



41.5149, 0.3160, 0.3852



31.9819, 0.3081, 0.2766

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.



41.5149, 0.3416, 0.2994



41.5149, 0.3160, 0.3852



41.5149, 0.2745, 0.2721

Square

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



41.5149, 0.3160, 0.3852



41.5149, 0.2480, 0.2974



41.5149, 0.3063, 0.2801



41.5149, 0.3821, 0.3546

Rectangle

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



41.5149, 0.3160, 0.3852



41.5149, 0.2649, 0.3394



41.5149, 0.3063, 0.2801



41.5149, 0.3620, 0.3166

Sweetspot

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



41.5167, 0.3160, 0.3852



80.0886, 0.3138, 0.3440



41.8510, 0.3458, 0.3707



17.2521, 0.3139, 0.3456



91.1408, 0.3127, 0.3290



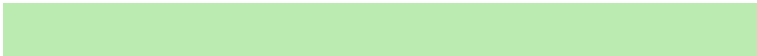
17.8868, 0.3127, 0.3290

Same Dimension

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



41.5167, 0.3160, 0.3852



72.8512, 0.3165, 0.3986



41.2370, 0.3014, 0.3686



9.5627, 0.3143, 0.3523



23.0311, 0.3066, 0.5947



0.7471, 0.3242, 0.5808

Inverse Universe

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



31.9819, 0.3081, 0.2766



52.8247, 0.3069, 0.2651



32.3563, 0.3263, 0.2925



8.5662, 0.3109, 0.3064



6.6507, 0.2755, 0.1291



0.2298, 0.2889, 0.1365

Previews

White Background



This preview shows how the Yxy color 41.5149, 0.3160, 0.3852 looks on a white background.

Color Contrast Check

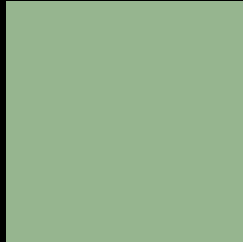
Large Text (above 18pt) WCAG AA × Fail

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 41.5149, 0.3160, 0.3852 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

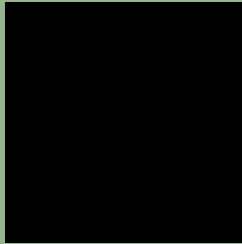
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 41.5149, 0.3160, 0.3852

Background



This preview shows how black text looks on a background with the Yxy color 41.5149, 0.3160, 0.3852.



This preview shows how white text looks on a background with the Yxy color 41.5149, 0.3160, 0.3852.

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

41.5149, 0.3160, 0.3852

Protanopia

41.4364, 0.3516, 0.3741

Deuteranopia

41.3535, 0.3617, 0.3552



Tritanopia

41.5022, 0.2866, 0.3096

Trichromacy



Original Color

41.5149, 0.3160, 0.3852

Protanomaly

41.2113, 0.3385, 0.3785

Deuteranomaly

40.9939, 0.3446, 0.3648

Tritanomaly

41.2929, 0.2970, 0.3361

Monochromacy



Original Color

41.5149, 0.3160, 0.3852

Achromatopsia

38.6429, 0.3127, 0.3290

Achromatomaly

39.5507, 0.3145, 0.3492

CSS Examples

Text

The CSS property to change the color of the text to Yxy 41.5149, 0.3160, 0.3852 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(150, 181, 143)` looks like.

```
.text, #text, p{  
    color:rgb(150, 181, 143)  
}
```

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(150, 181, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 181, 143) }
```

Border

The CSS property to change the border of an element to Yxy 41.5149, 0.3160, 0.3852 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(150, 181, 143) }
```

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

```
.border{ border-color:rgb(150, 181, 143) }
```

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

Here you see how a box with a 4 pixel `rgb(150, 181, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 181, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(150, 181, 143);  
box-shadow:4px 4px 4px 4px rgb(150, 181,  
143) }
```


Background

The CSS property to change the background color of an element to Yxy 41.5149, 0.3160, 0.3852 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 181, 143) }
```

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

```
.background{ background-color: rgb(150,  
181, 143) }
```

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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