

Converting Colors

$Y_{xy}(15.4471, 0.3823, 0.3233)$

Have a look what the booklet for
Yxy(15.4471, 0.3823, 0.3233)
contains.

Yxy(15.4892, 0.3816, 0.3239)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(15.4892, 0.3816, 0.3239)

Conversions

Conversions Part 1

Format	Color
Hex	916164
RGB	145, 97, 100
RGB Percent	57%, 38%, 39%
CMY	0.4315, 0.6195, 0.6079
CMYK	0.00, 0.33, 0.31, 0.43
HSL	356°, 20%, 47%
HSV	356°, 33%, 57%
XYZ	18.2485, 15.4892, 14.0833
YIQ	111.6940, 27.6450, 11.1090

Conversions

Conversions Part 2

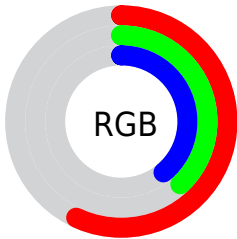
Format	Color
R_{YB}	145, 97, 100
Decimal	9527652
CIE _{Lab}	46.30, 19.93, 6.26
CIE _{LCh}	46, 20.886, 17.451
Yxy	15.4892, 0.3816, 0.3239
Android (android.graphics.Color)	4287717732 (0xFF916164)
YUV	111.6940, -5.7651, 29.2094
Hunter-Lab	39.3563, 13.8921, 6.3331

Details

The Yxy color **15.4892, 0.3816, 0.3239** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **24.7382, 0.2694, 0.3344**, and the grayscale version is **16.1203, 0.3127, 0.3290**.

A 20% lighter version of the original color is **35.6935, 0.3644, 0.3252**, and **4.8654, 0.4160, 0.3214** is the 20% darker color. If you saturate the color by 10%, you get **12.8090, 0.4134, 0.3224**, and if you desaturate by 10%, it is **18.7045, 0.3555, 0.3255**.

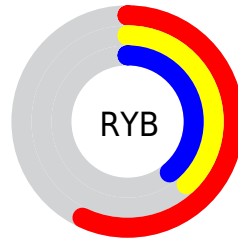
Distribution



Red (57%)

Green (38%)

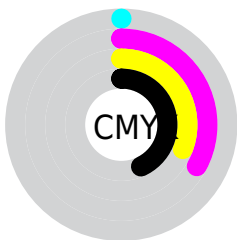
Blue (39%)



Red (57%)

Yellow (38%)

Blue (39%)

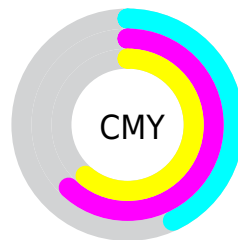


Cyan (0%)

Magenta (33%)

Yellow (31%)

Black (43%)



Cyan (43%)


Magenta (62%)


Yellow (61%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 15.4892, 0.3816, 0.3239 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 15.4892, 0.3816, 0.3239 by changing the saturation by 10% instead.


 15.4892, 0.3816,
0.3239


 15.4892, 0.3816,
0.3239


226.3084, 0.3406,
0.3276


 9.1634, 0.3950,
0.3223


 35.7091, 0.3647,
0.3257


 4.8479, 0.4146,
0.3196

 50.3721, 0.3590,
0.3262

 2.1583, 0.4463,
0.3144

 68.5829, 0.3544,
0.3266

 0.6971, 0.5384,
0.3160

 90.7259, 0.3507,
0.3269

 0.0000, 1.0000,
0.0000

117.1856, 0.3475,
0.3271

 0.0000, 0.0000,
0.0000

148.3463, 0.3449,

0.3273

184.5925, 0.3426,
0.3275

■ 15.4892, 0.3816,
0.3239

■ 15.4892, 0.3816,
0.3239

■ 12.8090, 0.4134,
0.3224

■ 18.7045, 0.3555,
0.3255

■ 10.6327, 0.4512,
0.3212

■ 22.4794, 0.3343,
0.3271

■ 8.9296, 0.4941,
0.3205


■ 26.8395, 0.3173,
0.3286

■ 7.6644, 0.5392,
0.3208


■ 31.8082, 0.3035,
0.3299

■ 6.7971, 0.5815,
0.3221


■ 37.4077, 0.2924,
0.3312


 6.2803, 0.6147,
0.3246

 43.6590, 0.2833,
0.3323

 6.0372, 0.6314,
0.3252

 50.5821, 0.2758,
0.3334

 58.1963, 0.2697,
0.3343

 66.5199, 0.2646,
0.3352

Harmonies

Analogous

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



15.4892, 0.3465, 0.2927



15.4892, 0.3816, 0.3239



15.4892, 0.3968, 0.3580

Triad

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



15.4892, 0.3816, 0.3239



15.4892, 0.3173, 0.3985



15.4892, 0.2417, 0.2676

Complementary

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



15.4892, 0.3816, 0.3239



24.7382, 0.2694, 0.3344

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.



15.4892, 0.2353, 0.2911



15.4892, 0.3816, 0.3239



15.4892, 0.2771, 0.3695

Square

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



15.4892, 0.3816, 0.3239



15.4892, 0.3579, 0.4042



15.4892, 0.2477, 0.3284



15.4892, 0.2658, 0.2609

Rectangle

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



15.4892, 0.3816, 0.3239



15.4892, 0.3933, 0.3789



15.4892, 0.2477, 0.3284



15.4892, 0.2375, 0.2736

Sweetspot

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



15.4899, 0.3816, 0.3239



42.4066, 0.3290, 0.3275



16.3271, 0.3122, 0.2486



9.2249, 0.3313, 0.3273



72.9347, 0.3127, 0.3290



11.2805, 0.3127, 0.3290

Same Dimension

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



15.4899, 0.3816, 0.3239



23.9457, 0.4058, 0.3227



19.7903, 0.3747, 0.3655



5.4292, 0.3272, 0.3277



5.1817, 0.6307, 0.3248



0.0504, 0.5891, 0.3019

Inverse Universe

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



15.4899, 0.3816, 0.3239



23.9457, 0.4058, 0.3227



19.0496, 0.2622, 0.2892



5.4292, 0.3272, 0.3277



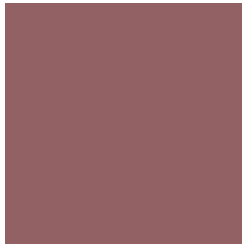
5.1817, 0.6307, 0.3248



0.0504, 0.5891, 0.3019

Previews

White Background



This preview shows how the Yxy color 15.4892, 0.3816, 0.3239 looks on a white 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 × Fail

Black Background



This preview shows how the Yxy color 15.4892, 0.3816, 0.3239 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 15.4892, 0.3816, 0.3239

Background



This preview shows how black text looks on a background with the Yxy color 15.4892, 0.3816, 0.3239.



This preview shows how white text looks on a background with the Yxy color 15.4892, 0.3816, 0.3239.

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

15.4892, 0.3816, 0.3239

Protanopia

15.7241, 0.3206, 0.3352

Deuteranopia

15.5499, 0.3508, 0.3449



Tritanopia

15.3850, 0.3759, 0.3150

Trichromacy



Original Color

15.4892, 0.3816, 0.3239

Protanomaly

15.4626, 0.3427, 0.3310

Deuteranomaly

15.5069, 0.3609, 0.3368

Tritanomaly

15.3648, 0.3774, 0.3168

Monochromacy



Original Color

15.4892, 0.3816, 0.3239

Achromatopsia

16.2029, 0.3127, 0.3290

Achromatomaly

15.8832, 0.3352, 0.3271

CSS Examples

Text

The CSS property to change the color of the text to Yxy 15.4892, 0.3816, 0.3239 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(145, 97, 100)` looks like.

```
.text, #text, p{  
  color:rgb(145, 97, 100)  
}
```

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(145, 97, 100) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(145, 97, 100) }
```

Border

The CSS property to change the border of an element to Yxy 15.4892, 0.3816, 0.3239 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(145, 97, 100) }
```

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

```
.border{ border-color:rgb(145, 97, 100) }
```

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

Here you see how a box with a 4 pixel rgb(145, 97, 100) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(145, 97, 100); -webkit-box-  
shadow:4px 4px 4px 4px rgb(145, 97, 100);  
box-shadow:4px 4px 4px 4px rgb(145, 97,  
100) }
```


Background

The CSS property to change the background color of an element to Yxy 15.4892, 0.3816, 0.3239 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(145, 97, 100) }
```

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

```
.background{ background-color: rgb(145, 97,  
100) }
```

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