

Converting Colors

$Y_{xy}(19.3369, 0.4298, 0.3880)$

Have a look what the booklet for
Yxy(19.3369, 0.4298, 0.3880)
contains.

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Color

Yxy(19.3369, 0.4298, 0.3880)

Conversions

Conversions Part 1

Format	Color
Hex	A06F4A
RGB	160, 111, 74
RGB Percent	63%, 44%, 29%
CMY	0.3725, 0.5647, 0.7098
CMYK	0.00, 0.31, 0.54, 0.37
HSL	26°, 37%, 46%
HSV	26°, 54%, 63%
XYZ	21.4201, 19.3369, 9.0804
YIQ	121.4330, 41.0810, -1.1190

Conversions

Conversions Part 2

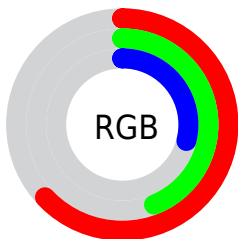
Format	Color
RYB	160, 139, 74
Decimal	10514250
CIELab	51.08, 15.14, 28.27
CIElCh	51, 32.072, 61.832
Yxy	19.3369, 0.4298, 0.3880
Android (android.graphics.Color)	4288704330 (0xFFA06F4A)
YUV	121.4330, -23.3845, 33.8233
Hunter-Lab	43.9737, 9.9953, 18.5385

Details

The Yxy color **19.3369, 0.4298, 0.3880** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **18.1634, 0.2311, 0.2582**, and the grayscale version is **19.3358, 0.3127, 0.3290**.

A 20% lighter version of the original color is **42.3762, 0.4037, 0.3777**, and **6.6470, 0.4741, 0.4027** is the 20% darker color. If you saturate the color by 10%, you get **17.2596, 0.4594, 0.3964**, and if you desaturate by 10%, it is **21.6741, 0.4021, 0.3777**.

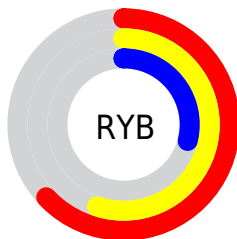
Distribution



Red (63%)

Green (44%)

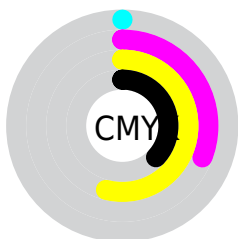
Blue (29%)



Red (63%)

Yellow (55%)

Blue (29%)

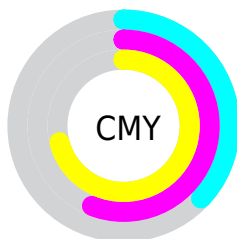


Cyan (0%)

Magenta (31%)

Yellow (54%)

Black (37%)



Cyan (37%)


Magenta (56%)


Yellow (71%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 19.3369, 0.4298, 0.3880 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 19.3369, 0.4298, 0.3880 by changing the saturation by 10% instead.


 19.3369, 0.4298,
0.3880


 19.3369, 0.4298,
0.3880


248.3024, 0.3630,
0.3574

 11.9140, 0.4492,
0.3951


 42.3026, 0.4035,
0.3770


 6.6851, 0.4754,
0.4031


 58.6142, 0.3942,
0.3728

 3.2660, 0.5153,
0.4133

 78.6574, 0.3866,
0.3692

 1.2721, 0.5781,
0.4219

 102.8167, 0.3803,
0.3662

 0.1195, 0.8018,
0.1982

 131.4764, 0.3750,
0.3635

 0.0000, 0.0000,
0.0000

165.0210, 0.3704,

0.3612

203.8349, 0.3665,
0.3592

■ 19.3369, 0.4298,
0.3880

■ 19.3369, 0.4298,
0.3880

■ 17.2596, 0.4594,
0.3964

■ 21.6741, 0.4021,
0.3777

■ 15.4291, 0.4897,
0.4016

■ 24.2780, 0.3770,
0.3664

■ 13.8350, 0.5187,
0.4025

■ 27.1586, 0.3548,
0.3549

■ 12.4649, 0.5444,
0.3983

■ 30.3244, 0.3353,
0.3436

■ 11.7111, 0.5593,
0.3941

■ 33.7836, 0.3185,
0.3329

■ 37.5440, 0.3039,
0.3228

■ 41.6130, 0.2913,
0.3135

■ 45.9979, 0.2804,
0.3050

■ 50.7055, 0.2710,
0.2972

Harmonies

Analogous

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



19.3369, 0.4261, 0.3421



19.3369, 0.4298, 0.3880



19.3369, 0.3999, 0.4252

Triad

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



19.3369, 0.4298, 0.3880



19.3369, 0.2398, 0.3589



19.3369, 0.2696, 0.2392

Complementary

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



19.3369, 0.4298, 0.3880



18.1634, 0.2311, 0.2582

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.



19.3369, 0.2272, 0.2365



19.3369, 0.4298, 0.3880



19.3369, 0.2111, 0.2988

Square

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



19.3369, 0.4298, 0.3880



19.3369, 0.2893, 0.4145



19.3369, 0.2070, 0.2559



19.3369, 0.3281, 0.2609

Rectangle

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



19.3369, 0.4298, 0.3880



19.3369, 0.3668, 0.4379



19.3369, 0.2070, 0.2559



19.3369, 0.2532, 0.2360

Sweetspot

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



19.3379, 0.4298, 0.3880



53.5326, 0.3400, 0.3464



13.8315, 0.3736, 0.2508



11.4962, 0.3437, 0.3486



80.7346, 0.3127, 0.3290



13.9985, 0.3127, 0.3290

Same Dimension

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



19.3379, 0.4298, 0.3880



30.4611, 0.4670, 0.3980



30.7027, 0.3941, 0.4464



7.0919, 0.3274, 0.3387



9.2050, 0.5577, 0.3954



0.2470, 0.4938, 0.4461

Inverse Universe

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



18.1634, 0.2311, 0.2582



28.0480, 0.2147, 0.2381



9.9030, 0.2143, 0.1751



7.0311, 0.2988, 0.3191



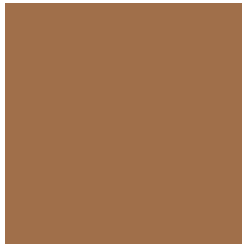
7.9176, 0.1847, 0.1848



0.2246, 0.2023, 0.2483

Previews

White Background



This preview shows how the Yxy color 19.3369, 0.4298, 0.3880 looks on a white 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

Black Background



This preview shows how the Yxy color 19.3369, 0.4298, 0.3880 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

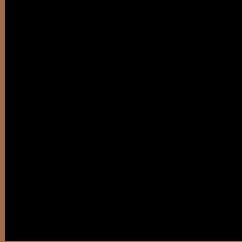
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 19.3369, 0.4298, 0.3880

Background



This preview shows how black text looks on a background with the Yxy color 19.3369, 0.4298, 0.3880.



This preview shows how white text looks on a background with the Yxy color 19.3369, 0.4298, 0.3880.

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

19.3369, 0.4298, 0.3880

Protanopia

19.4557, 0.3793, 0.4098

Deuteranopia

19.2677, 0.4103, 0.4021



Tritanopia

19.3095, 0.3817, 0.3164

Trichromacy



Original Color

19.3369, 0.4298, 0.3880

Protanomaly

19.3323, 0.3970, 0.4009

Deuteranomaly

19.1911, 0.4175, 0.3973

Tritanomaly

19.3074, 0.4009, 0.3438

Monochromacy



Original Color

19.3369, 0.4298, 0.3880

Achromatopsia

19.1202, 0.3127, 0.3290

Achromatomaly

18.8730, 0.3526, 0.3530

CSS Examples

Text

The CSS property to change the color of the text to Yxy 19.3369, 0.4298, 0.3880 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(160, 111, 74)` looks like.

```
.text, #text, p{  
  color:rgb(160, 111, 74)  
}
```

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(160, 111, 74) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(160, 111, 74) }
```

Border

The CSS property to change the border of an element to Yxy 19.3369, 0.4298, 0.3880 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(160, 111, 74) }
```

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

```
.border{ border-color:rgb(160, 111, 74) }
```

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

Here you see how a box with a 4 pixel `rgb(160, 111, 74)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(160, 111, 74); -webkit-box-  
shadow:4px 4px 4px 4px rgb(160, 111, 74);  
box-shadow:4px 4px 4px 4px rgb(160, 111,  
74) }
```


Background

The CSS property to change the background color of an element to Yxy 19.3369, 0.4298, 0.3880 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(160, 111, 74) }
```

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

```
.background{ background-color: rgb(160,  
111, 74) }
```

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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