

Converting Colors

$Y_{xy}(16.0690, 0.4118, 0.3889)$

Have a look what the booklet for
Yxy(16.0690, 0.4118, 0.3889)
contains.

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Color

Yxy(16.1335, 0.4116, 0.3905)

Conversions

Conversions Part 1

Format	Color
Hex	8C6947
RGB	140, 105, 71
RGB Percent	55%, 41%, 28%
CMY	0.4509, 0.5882, 0.7216
CMYK	0.00, 0.25, 0.49, 0.45
HSL	30°, 33%, 41%
HSV	30°, 49%, 55%
XYZ	17.0052, 16.1335, 8.1762
YIQ	111.5890, 31.7740, -3.1540

Conversions

Conversions Part 2

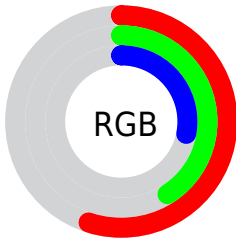
Format	Color
R_{YB}	140, 138, 71
Decimal	9201991
CIE _{Lab}	47.15, 9.55, 24.50
CIE _{LCh}	47, 26.295, 68.710
Yxy	16.1335, 0.4116, 0.3905
Android (android.graphics.Color)	4287392071 (0xFF8C6947)
YUV	111.5890, -20.0104, 24.9164
Hunter-Lab	40.1665, 5.2799, 16.0476

Details

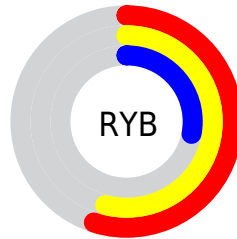
The Yxy color **16.1335, 0.4116, 0.3905** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **13.5404, 0.2365, 0.2565**, and the grayscale version is **16.1295, 0.3127, 0.3290**.

A 20% lighter version of the original color is **36.7351, 0.3880, 0.3772**, and **5.1754, 0.4552, 0.4116** is the 20% darker color. If you saturate the color by 10%, you get **14.5880, 0.4378, 0.4014**, and if you desaturate by 10%, it is **17.8429, 0.3871, 0.3782**.

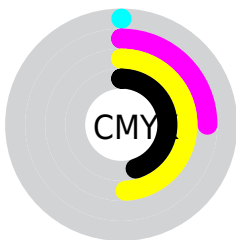
Distribution



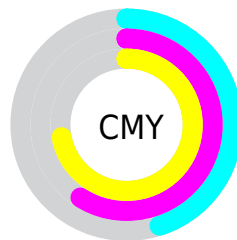
- Red (55%)
- Green (41%)
- Blue (28%)



- Red (55%)
- Yellow (54%)
- Blue (28%)



- Cyan (0%)
- Magenta (25%)
- Yellow (49%)
- Black (45%)





- Cyan (45%)
- Magenta (59%)
- Yellow (72%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 16.1335, 0.4116, 0.3905 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 16.1335, 0.4116, 0.3905 by changing the saturation by 10% instead.


 16.1335, 0.4116,
0.3905


 16.1335, 0.4116,
0.3905


230.1282, 0.3537,
0.3565


 9.6187, 0.4293,
0.3996


 36.8298, 0.3882,
0.3775


 5.1469, 0.4540,
0.4110

 51.7801, 0.3802,
0.3728


 2.3337, 0.5005,
0.4337

 70.3110, 0.3737,
0.3689

 0.7915, 0.5566,
0.4434

 92.8068, 0.3683,
0.3656

 0.0000, 0.0000,
0.0000

 119.6521, 0.3638,
0.3628

151.2311, 0.3599,

0.3604

187.9284, 0.3566,
0.3583

■ 16.1335, 0.4116,
0.3905

■ 16.1335, 0.4116,
0.3905

■ 14.5880, 0.4378,
0.4014

■ 17.8429, 0.3871,
0.3782

■ 13.1981, 0.4649,
0.4097

■ 19.7192, 0.3648,
0.3653

■ 11.9584, 0.4914,
0.4143

■ 21.7683, 0.3448,
0.3524

■ 10.8618, 0.5159,
0.4142

■ 23.9952, 0.3272,
0.3400

■ 9.8955, 0.5380,
0.4101

■ 26.4045, 0.3117,
0.3282

■ 9.8320, 0.5395,
0.4098

■ 29.0006, 0.2982,
0.3172

■ 31.7879, 0.2864,
0.3070

■ 34.7704, 0.2761,
0.2976

■ 37.9522, 0.2670,
0.2890

Harmonies

Analogous

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



16.1335, 0.4150, 0.3511



16.1335, 0.4116, 0.3905



16.1335, 0.3805, 0.4185

Triad

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



16.1335, 0.4116, 0.3905



16.1335, 0.2412, 0.3429



16.1335, 0.2861, 0.2525

Complementary

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



16.1335, 0.4116, 0.3905



13.5404, 0.2365, 0.2565

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.



16.1335, 0.2444, 0.2462



16.1335, 0.4116, 0.3905



16.1335, 0.2202, 0.2931

Square

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



16.1335, 0.4116, 0.3905



16.1335, 0.2816, 0.3932



16.1335, 0.2215, 0.2594



16.1335, 0.3389, 0.2753

Rectangle

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



16.1335, 0.4116, 0.3905



16.1335, 0.3496, 0.4242



16.1335, 0.2215, 0.2594



16.1335, 0.2705, 0.2483

Sweetspot

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



16.1343, 0.4116, 0.3905



39.8976, 0.3375, 0.3474



11.1352, 0.3742, 0.2653



9.0276, 0.3409, 0.3498



71.0566, 0.3127, 0.3290



10.6539, 0.3127, 0.3290

Same Dimension

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



16.1343, 0.4116, 0.3905



25.4720, 0.4403, 0.4023



24.4565, 0.3835, 0.4432



5.4289, 0.3269, 0.3398



8.7740, 0.5388, 0.4104



0.0875, 0.4779, 0.4587

Inverse Universe

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



13.5404, 0.2365, 0.2565



20.3494, 0.2205, 0.2367



7.8850, 0.2227, 0.1818



5.2841, 0.2991, 0.3180



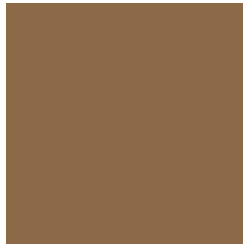
5.7275, 0.1791, 0.1647



0.0673, 0.2002, 0.2406

Previews

White Background



This preview shows how the Yxy color 16.1335, 0.4116, 0.3905 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 16.1335, 0.4116, 0.3905 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 16.1335, 0.4116, 0.3905

Background



This preview shows how black text looks on a background with the Yxy color 16.1335, 0.4116, 0.3905.



This preview shows how white text looks on a background with the Yxy color 16.1335, 0.4116, 0.3905.

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

16.1335, 0.4116, 0.3905

Protanopia

16.2203, 0.3755, 0.4046

Deuteranopia

16.1212, 0.4025, 0.3959



Tritanopia

16.0367, 0.3650, 0.3149

Trichromacy



Original Color

16.1335, 0.4116, 0.3905

Protanomaly

16.0854, 0.3893, 0.3983

Deuteranomaly

16.0814, 0.4063, 0.3934

Tritanomaly

16.0797, 0.3821, 0.3419

Monochromacy



Original Color

16.1335, 0.4116, 0.3905

Achromatopsia

16.2029, 0.3127, 0.3290

Achromatomaly

15.9379, 0.3467, 0.3530

CSS Examples

Text

The CSS property to change the color of the text to Yxy 16.1335, 0.4116, 0.3905 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(140, 105, 71)` looks like.

```
.text, #text, p{  
    color:rgb(140, 105, 71)  
}
```

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(140, 105, 71) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 105, 71) }
```

Border

The CSS property to change the border of an element to Yxy 16.1335, 0.4116, 0.3905 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(140, 105, 71) }
```

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

```
.border{ border-color:rgb(140, 105, 71) }
```

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

Here you see how a box with a 4 pixel `rgb(140, 105, 71)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 105, 71); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 105, 71);  
box-shadow:4px 4px 4px 4px rgb(140, 105,  
71) }
```


Background

The CSS property to change the background color of an element to Yxy 16.1335, 0.4116, 0.3905 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 105, 71) }
```

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

```
.background{ background-color: rgb(140,  
105, 71) }
```

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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