

Converting Colors

$Y_{xy}(11.5221, 0.3967, 0.3796)$

Have a look what the booklet for
Yxy(11.5221, 0.3967, 0.3796)
contains.

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Color

Yxy(11.4876, 0.3965, 0.3803)

Conversions

Conversions Part 1

Format	Color
Hex	755A42
RGB	117, 90, 66
RGB Percent	46%, 35%, 26%
CMY	0.5411, 0.6471, 0.7411
CMYK	0.00, 0.23, 0.44, 0.54
HSL	28°, 28%, 36%
HSV	28°, 44%, 46%
XYZ	11.9769, 11.4876, 6.7421
YIQ	95.3370, 23.7960, -1.7400

Conversions

Conversions Part 2

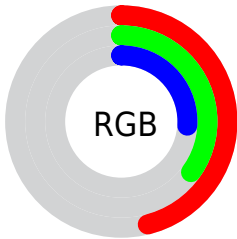
Format	Color
R_{YB}	117, 111, 66
Decimal	7690818
CIE Lab	40.39, 7.61, 18.10
CIE LCh	40, 19.635, 67.190
Yxy	11.4876, 0.3965, 0.3803
Android (android.graphics.Color)	4285880898 (0xFF755A42)
YUV	95.3370, -14.4631, 18.9985
Hunter-Lab	33.8934, 3.7634, 11.9313

Details

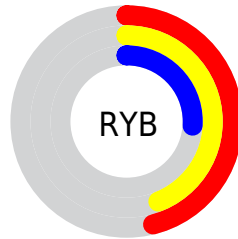
The Yxy color **11.4876, 0.3965, 0.3803** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **10.2763, 0.2469, 0.2706**, and the grayscale version is **11.5606, 0.3127, 0.3290**.

A 20% lighter version of the original color is **28.5171, 0.3746, 0.3684**, and **3.0565, 0.4406, 0.3996** is the 20% darker color. If you saturate the color by 10%, you get **10.3616, 0.4219, 0.3915**, and if you desaturate by 10%, it is **12.7301, 0.3733, 0.3683**.

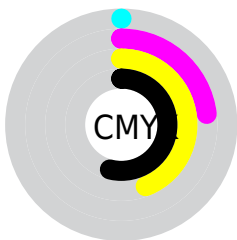
Distribution



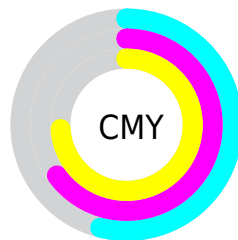
- Red (46%)
- Green (35%)
- Blue (26%)



- Red (46%)
- Yellow (44%)
- Blue (26%)



- Cyan (0%)
- Magenta (23%)
- Yellow (44%)
- Black (54%)





- Cyan (54%)
- Magenta (65%)
- Yellow (74%)


Brightness & Saturation Gradients


These gradients show how the Yxy color 11.4876, 0.3965, 0.3803 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 11.4876, 0.3965, 0.3803 by changing the saturation by 10% instead.


 11.4876, 0.3965,
0.3803


 11.4876, 0.3965,
0.3803


 200.9829, 0.3450,
0.3501

 6.3958, 0.4141,
0.3895


 28.5584, 0.3747,
0.3681


 3.0872, 0.4404,
0.4019

 41.3061, 0.3675,
0.3639


 1.1774, 0.5358,
0.4642

 57.3747, 0.3618,
0.3605

 0.0432, 0.8402,
0.1598

 77.1484, 0.3572,
0.3577

 0.0000, 0.0000,
0.0000

 101.0117, 0.3533,
0.3553

 129.3489, 0.3501,

0.3533

162.5445, 0.3473,
0.3516

■ 11.4876, 0.3965,
0.3803

■ 11.4876, 0.3965,
0.3803

■ 10.3616, 0.4219,
0.3915

■ 12.7301, 0.3733,
0.3683

■ 9.3467, 0.4488,
0.4010

■ 14.0912, 0.3525,
0.3561

■ 8.4393, 0.4764,
0.4077

■ 15.5747, 0.3341,
0.3442

■ 7.6348, 0.5032,
0.4105

■ 17.1841, 0.3180,
0.3329

■ 6.9280, 0.5275,
0.4087

■ 18.9225, 0.3039,
0.3223

■ 6.5182, 0.5433,
0.4068

■ 20.7928, 0.2916,
0.3124

■ 22.7980, 0.2809,
0.3032

■ 24.9409, 0.2715,
0.2948

■ 27.2243, 0.2633,
0.2871

Harmonies

Analogous

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



11.4876, 0.3975, 0.3469



11.4876, 0.3965, 0.3803



11.4876, 0.3720, 0.4034

Triad

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



11.4876, 0.3965, 0.3803



11.4876, 0.2539, 0.3433



11.4876, 0.2886, 0.2632

Complementary

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



11.4876, 0.3965, 0.3803



10.2763, 0.2469, 0.2706

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.



11.4876, 0.2536, 0.2589



11.4876, 0.3965, 0.3803



11.4876, 0.2347, 0.3015

Square

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



11.4876, 0.3965, 0.3803



11.4876, 0.2891, 0.3837



11.4876, 0.2347, 0.2717



11.4876, 0.3327, 0.2822

Rectangle

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



11.4876, 0.3965, 0.3803



11.4876, 0.3465, 0.4081



11.4876, 0.2347, 0.2717



11.4876, 0.2754, 0.2599

Sweetspot

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



11.4881, 0.3965, 0.3803



27.9534, 0.3337, 0.3440



8.4746, 0.3614, 0.2717



6.3126, 0.3368, 0.3461



60.3827, 0.3127, 0.3290



7.3239, 0.3127, 0.3290

Same Dimension

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



11.4881, 0.3965, 0.3803



18.5975, 0.4212, 0.3912



16.5084, 0.3756, 0.4280



3.9585, 0.3265, 0.3390



7.1496, 0.5440, 0.4062



33.1533, 0.5523, 0.3997

Inverse Universe

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



10.2763, 0.2469, 0.2706



16.1279, 0.2326, 0.2547



6.5428, 0.2365, 0.2061



3.8811, 0.2995, 0.3188



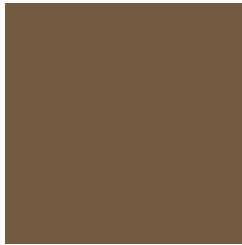
5.1763, 0.1815, 0.1734



23.4973, 0.1791, 0.1648

Previews

White Background



This preview shows how the Yxy color 11.4876, 0.3965, 0.3803 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 11.4876, 0.3965, 0.3803 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

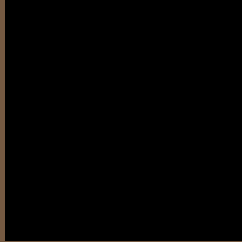
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 11.4876, 0.3965, 0.3803

Background



This preview shows how black text looks on a background with the Yxy color 11.4876, 0.3965, 0.3803.



This preview shows how white text looks on a background with the Yxy color 11.4876, 0.3965, 0.3803.

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

11.4876, 0.3965, 0.3803

Protanopia

11.4853, 0.3657, 0.3915

Deuteranopia

11.4529, 0.3905, 0.3835



Tritanopia

11.4390, 0.3588, 0.3146

Trichromacy



Original Color

11.4876, 0.3965, 0.3803

Protanomaly

11.4221, 0.3771, 0.3877

Deuteranomaly

11.5204, 0.3922, 0.3831

Tritanomaly

11.3629, 0.3737, 0.3376

Monochromacy



Original Color

11.4876, 0.3965, 0.3803

Achromatopsia

11.4435, 0.3127, 0.3290

Achromatomaly

11.3524, 0.3423, 0.3498

CSS Examples

Text

The CSS property to change the color of the text to Yxy 11.4876, 0.3965, 0.3803 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(117, 90, 66)` looks like.

```
.text, #text, p{  
    color:rgb(117, 90, 66)  
}
```

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(117, 90, 66) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(117, 90, 66) }
```

Border

The CSS property to change the border of an element to Yxy 11.4876, 0.3965, 0.3803 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(117, 90, 66) }
```

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

```
.border{ border-color:rgb(117, 90, 66) }
```

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

Here you see how a box with a 4 pixel `rgb(117, 90, 66)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(117, 90, 66); -webkit-box-  
shadow:4px 4px 4px 4px rgb(117, 90, 66);  
box-shadow:4px 4px 4px 4px rgb(117, 90,  
66) }
```


Background

The CSS property to change the background color of an element to Yxy 11.4876, 0.3965, 0.3803 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(117, 90, 66) }
```

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

```
.background{ background-color: rgb(117, 90,  
66) }
```

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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