

Converting Colors

$Y_{xy}(11.5841, 0.3995, 0.3749)$

Have a look what the booklet for
Yxy(11.5841, 0.3995, 0.3749)
contains.

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Color

Yxy(11.5431, 0.4009, 0.3752)

Conversions

Conversions Part 1

Format	Color
Hex	785943
RGB	120, 89, 67
RGB Percent	47%, 35%, 26%
CMY	0.5293, 0.6510, 0.7372
CMYK	0.00, 0.26, 0.44, 0.53
HSL	25°, 28%, 37%
HSV	25°, 44%, 47%
XYZ	12.3338, 11.5431, 6.8883
YIQ	95.7610, 25.5380, -0.2700

Conversions

Conversions Part 2

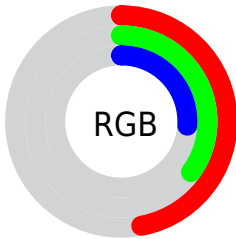
Format	Color
R_{YB}	120, 105, 67
Decimal	7887171
CIE _{Lab}	40.48, 9.69, 17.69
CIE _{LCh}	40, 20.167, 61.294
Yxy	11.5431, 0.4009, 0.3752
Android (android.graphics.Color)	4286077251 (0xFF785943)
YUV	95.7610, -14.1792, 21.2576
Hunter-Lab	33.9751, 5.3432, 11.7618

Details

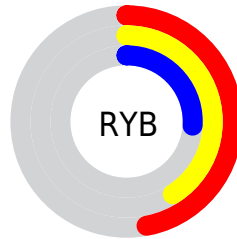
The Yxy color **11.5431, 0.4009, 0.3752** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **11.2916, 0.2470, 0.2768**, and the grayscale version is **11.6673, 0.3127, 0.3290**.

A 20% lighter version of the original color is **28.7017, 0.3786, 0.3648**, and **3.0958, 0.4485, 0.3907** is the 20% darker color. If you saturate the color by 10%, you get **10.3005, 0.4281, 0.3850**, and if you desaturate by 10%, it is **12.9283, 0.3763, 0.3646**.

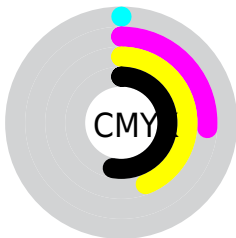
Distribution



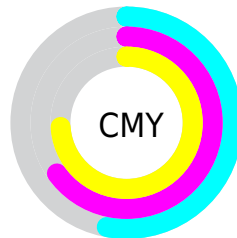
- Red (47%)
- Green (35%)
- Blue (26%)



- Red (47%)
- Yellow (41%)
- Blue (26%)



- Cyan (0%)
- Magenta (26%)
- Yellow (44%)
- Black (53%)





- Cyan (53%)
- Magenta (65%)
- Yellow (74%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 11.5431, 0.4009, 0.3752 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 11.5431, 0.4009, 0.3752 by changing the saturation by 10% instead.


 11.5431, 0.4009,
0.3752


 11.5431, 0.4009,
0.3752


201.3566, 0.3466,
0.3484

 6.4334, 0.4195,
0.3831


 28.6602, 0.3779,
0.3645


 3.1104, 0.4474,
0.3935

 41.4363, 0.3703,
0.3608

 1.1896, 0.5427,
0.4472

 57.5367, 0.3643,
0.3577

 0.0532, 0.8436,
0.1564

 77.3458, 0.3594,
0.3552

 0.0000, 0.0000,
0.0000

 101.2479, 0.3554,
0.3531

 129.6275, 0.3520,

0.3513

162.8689, 0.3491,
0.3497

■ 11.5431, 0.4009,
0.3752

■ 11.5431, 0.4009,
0.3752

■ 10.3005, 0.4281,
0.3850

■ 12.9283, 0.3763,
0.3646

■ 9.1938, 0.4574,
0.3931

■ 14.4591, 0.3545,
0.3537

■ 8.2182, 0.4876,
0.3984

■ 16.1404, 0.3355,
0.3431

■ 7.3681, 0.5170,
0.3997

■ 17.9766, 0.3189,
0.3330

■ 6.6365, 0.5437,
0.3965

■ 19.9716, 0.3046,
0.3236

■ 6.2573, 0.5593,
0.3941

■ 22.1294, 0.2923,
0.3148

■ 24.4538, 0.2816,
0.3067

■ 26.9483, 0.2723,
0.2993

■ 29.6164, 0.2642,
0.2925

Harmonies

Analogous

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



11.5431, 0.3968, 0.3400



11.5431, 0.4009, 0.3752



11.5431, 0.3799, 0.4019

Triad

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



11.5431, 0.4009, 0.3752



11.5431, 0.2584, 0.3524



11.5431, 0.2799, 0.2595

Complementary

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



11.5431, 0.4009, 0.3752



11.2916, 0.2470, 0.2768

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.



11.5431, 0.2469, 0.2584



11.5431, 0.4009, 0.3752



11.5431, 0.2352, 0.3085

Square

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



11.5431, 0.4009, 0.3752



11.5431, 0.2969, 0.3917



11.5431, 0.2313, 0.2749



11.5431, 0.3240, 0.2762

Rectangle

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



11.5431, 0.4009, 0.3752



11.5431, 0.3555, 0.4099



11.5431, 0.2313, 0.2749



11.5431, 0.2672, 0.2572

Sweetspot

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



11.5437, 0.4009, 0.3752



28.6421, 0.3340, 0.3422



8.9067, 0.3555, 0.2639



6.6518, 0.3373, 0.3442



62.0916, 0.3127, 0.3290



7.8288, 0.3127, 0.3290

Same Dimension

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



11.5437, 0.4009, 0.3752



18.0839, 0.4285, 0.3851



16.5982, 0.3792, 0.4235



4.2628, 0.3268, 0.3379



6.7964, 0.5600, 0.3936



30.8225, 0.5687, 0.3867

Inverse Universe

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



11.2916, 0.2470, 0.2768



17.5675, 0.2329, 0.2622



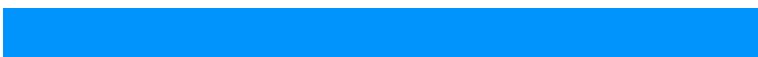
7.2242, 0.2365, 0.2124



4.2468, 0.2994, 0.3199



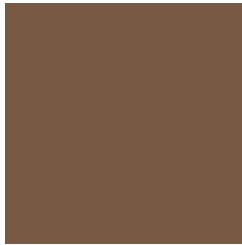
6.2612, 0.1867, 0.1919



28.1571, 0.1845, 0.1843

Previews

White Background



This preview shows how the Yxy color 11.5431, 0.4009, 0.3752 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 11.5431, 0.4009, 0.3752 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

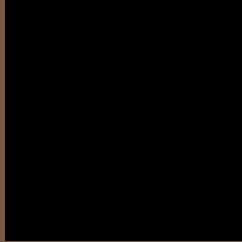
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 11.5431, 0.4009, 0.3752

Background



This preview shows how black text looks on a background with the Yxy color 11.5431, 0.4009, 0.3752.



This preview shows how white text looks on a background with the Yxy color 11.5431, 0.4009, 0.3752.

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

11.5431, 0.4009, 0.3752

Protanopia

11.6915, 0.3621, 0.3891

Deuteranopia

11.6250, 0.3897, 0.3855



Tritanopia

11.5659, 0.3639, 0.3168

Trichromacy



Original Color

11.5431, 0.4009, 0.3752

Protanomaly

11.5096, 0.3757, 0.3829

Deuteranomaly

11.5885, 0.3939, 0.3827

Tritanomaly

11.5059, 0.3771, 0.3375

Monochromacy



Original Color

11.5431, 0.4009, 0.3752

Achromatopsia

11.6971, 0.3127, 0.3290

Achromatomaly

11.4878, 0.3440, 0.3473

CSS Examples

Text

The CSS property to change the color of the text to Yxy 11.5431, 0.4009, 0.3752 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(120, 89, 67)` looks like.

```
.text, #text, p{  
    color:rgb(120, 89, 67)  
}
```

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(120, 89, 67) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(120, 89, 67) }
```

Border

The CSS property to change the border of an element to Yxy 11.5431, 0.4009, 0.3752 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(120, 89, 67) }
```

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

```
.border{ border-color:rgb(120, 89, 67) }
```

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

Here you see how a box with a 4 pixel rgb(120, 89, 67) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(120, 89, 67); -webkit-box-  
shadow:4px 4px 4px 4px rgb(120, 89, 67);  
box-shadow:4px 4px 4px 4px rgb(120, 89,  
67) }
```


Background

The CSS property to change the background color of an element to Yxy 11.5431, 0.4009, 0.3752 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(120, 89, 67) }
```

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

```
.background{ background-color: rgb(120, 89,  
67) }
```

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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