

Converting Colors

$Y_{xy}(10.7118, 0.4400, 0.3926)$

Have a look what the booklet for
Yxy(10.7118, 0.4400, 0.3926)
contains.

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Color

Yxy(10.7106, 0.4400, 0.3926)

Conversions

Conversions Part 1

Format	Color
Hex	7C5333
RGB	124, 83, 51
RGB Percent	49%, 33%, 20%
CMY	0.5137, 0.6745, 0.8000
CMYK	0.00, 0.33, 0.59, 0.51
HSL	26°, 42%, 34%
HSV	26°, 59%, 49%
XYZ	12.0037, 10.7106, 4.5669
YIQ	91.6110, 34.7080, -1.2600

Conversions

Conversions Part 2

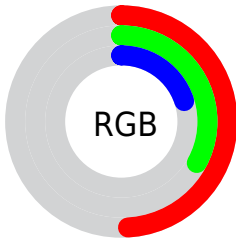
Format	Color
R_{YB}	124, 108, 51
Decimal	8147763
CIE Lab	39.09, 13.41, 25.49
CIE LCh	39, 28.802, 62.258
Yxy	10.7106, 0.4400, 0.3926
Android (android.graphics.Color)	4286337843 (0xFF7C5333)
YUV	91.6110, -20.0212, 28.4052
Hunter-Lab	32.7271, 8.1984, 14.6354

Details

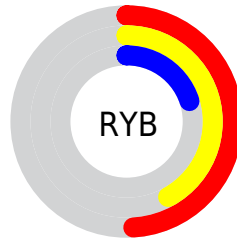
The Yxy color **10.7106, 0.4400, 0.3926** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **9.8152, 0.2256, 0.2507**, and the grayscale version is **10.6496, 0.3127, 0.3290**.

A 20% lighter version of the original color is **27.2406, 0.4070, 0.3799**, and **2.7771, 0.5069, 0.4142** is the 20% darker color. If you saturate the color by 10%, you get **9.6031, 0.4690, 0.4000**, and if you desaturate by 10%, it is **11.9555, 0.4124, 0.3829**.

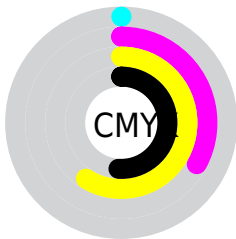
Distribution



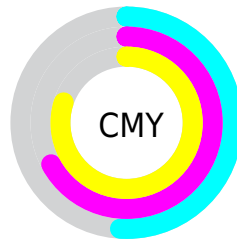
- Red (49%)
- Green (33%)
- Blue (20%)



- Red (49%)
- Yellow (42%)
- Blue (20%)



- Cyan (0%)
- Magenta (33%)
- Yellow (59%)
- Black (51%)





- Cyan (51%)
- Magenta (67%)
- Yellow (80%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 10.7106, 0.4400, 0.3926 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 10.7106, 0.4400, 0.3926 by changing the saturation by 10% instead.


 10.7106, 0.4400,
0.3926


 10.7106, 0.4400,
0.3926

195.6712, 0.3615,
0.3569


 5.8726, 0.4660,
0.4013

 27.1238, 0.4070,
0.3791


 2.7678, 0.5081,
0.4143

 39.4677, 0.3961,
0.3742


 1.0117, 0.5744,
0.4256

 55.0824, 0.3873,
0.3700

 0.0000, 1.0000,
0.0000

 74.3523, 0.3802,
0.3665

 0.0000, 0.0000,
0.0000

 97.6617, 0.3744,
0.3636

 125.3950, 0.3694,

0.3610

157.9367, 0.3652,
0.3589

■ 10.7106, 0.4400,
0.3926

■ 10.7106, 0.4400,
0.3926

■ 9.6031, 0.4690,
0.4000

■ 11.9555, 0.4124,
0.3829

■ 8.6258, 0.4980,
0.4040

■ 13.3413, 0.3870,
0.3720

■ 7.7733, 0.5252,
0.4034

■ 14.8734, 0.3642,
0.3605

■ 7.0341, 0.5503,
0.3993

■ 16.5562, 0.3440,
0.3492

■ 6.9567, 0.5533,
0.3989

■ 18.3943, 0.3264,
0.3382

■ 20.3915, 0.3111,
0.3279

■ 22.5521, 0.2978,
0.3182

■ 24.8797, 0.2863,
0.3093

■ 27.3781, 0.2763,
0.3011

Harmonies

Analogous

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



10.7106, 0.4370, 0.3430



10.7106, 0.4400, 0.3926



10.7106, 0.4064, 0.4337

Triad

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



10.7106, 0.4400, 0.3926



10.7106, 0.2326, 0.3606



10.7106, 0.2664, 0.2322

Complementary

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



10.7106, 0.4400, 0.3926



9.8152, 0.2256, 0.2507

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.



10.7106, 0.2205, 0.2287



10.7106, 0.4400, 0.3926



10.7106, 0.2024, 0.2946

Square

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



10.7106, 0.4400, 0.3926



10.7106, 0.2858, 0.4227



10.7106, 0.1986, 0.2487



10.7106, 0.3302, 0.2558

Rectangle

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



10.7106, 0.4400, 0.3926



10.7106, 0.3700, 0.4483



10.7106, 0.1986, 0.2487



10.7106, 0.2486, 0.2286

Sweetspot

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



10.7111, 0.4400, 0.3926



29.2695, 0.3432, 0.3487



7.4327, 0.3825, 0.2484



6.7146, 0.3479, 0.3515



63.8283, 0.3127, 0.3290



8.3535, 0.3127, 0.3290

Same Dimension

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



10.7111, 0.4400, 0.3926



16.2149, 0.4802, 0.4020



17.7515, 0.3979, 0.4550



4.2773, 0.3267, 0.3384



7.0663, 0.5534, 0.3988



32.0717, 0.5618, 0.3921

Inverse Universe

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



9.8152, 0.2256, 0.2507



14.4497, 0.2086, 0.2283



4.9750, 0.2063, 0.1601



4.2321, 0.2994, 0.3194



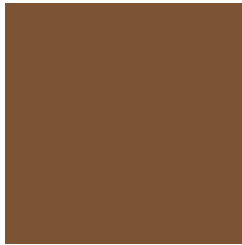
5.8829, 0.1844, 0.1839



26.3441, 0.1822, 0.1759

Previews

White Background



This preview shows how the Yxy color 10.7106, 0.4400, 0.3926 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 10.7106, 0.4400, 0.3926 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

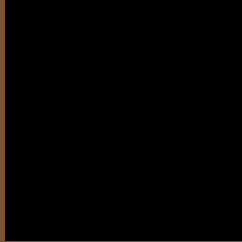
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 10.7106, 0.4400, 0.3926

Background



This preview shows how black text looks on a background with the Yxy color 10.7106, 0.4400, 0.3926.



This preview shows how white text looks on a background with the Yxy color 10.7106, 0.4400, 0.3926.

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

10.7106, 0.4400, 0.3926

Protanopia

10.6873, 0.3854, 0.4178

Deuteranopia

10.7204, 0.4165, 0.4106



Tritanopia

10.6835, 0.3870, 0.3171

Trichromacy



Original Color

10.7106, 0.4400, 0.3926

Protanomaly

10.6530, 0.4040, 0.4090

Deuteranomaly

10.6678, 0.4259, 0.4042

Tritanomaly

10.5783, 0.4069, 0.3435

Monochromacy



Original Color

10.7106, 0.4400, 0.3926

Achromatopsia

10.7023, 0.3127, 0.3290

Achromatomaly

10.6236, 0.3569, 0.3570

CSS Examples

Text

The CSS property to change the color of the text to Yxy 10.7106, 0.4400, 0.3926 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(124, 83, 51)` looks like.

```
.text, #text, p{  
    color:rgb(124, 83, 51)  
}
```

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(124, 83, 51) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 83, 51) }
```

Border

The CSS property to change the border of an element to Yxy 10.7106, 0.4400, 0.3926 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(124, 83, 51) }
```

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

```
.border{ border-color:rgb(124, 83, 51) }
```

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

Here you see how a box with a 4 pixel rgb(124, 83, 51) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(124, 83, 51); -webkit-box-  
shadow:4px 4px 4px 4px rgb(124, 83, 51);  
box-shadow:4px 4px 4px 4px rgb(124, 83,  
51) }
```


Background

The CSS property to change the background color of an element to Yxy 10.7106, 0.4400, 0.3926 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(124, 83, 51) }
```

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

```
.background{ background-color: rgb(124, 83,  
51) }
```

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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