

Converting Colors

$Y_{xy}(26.3472, 0.4536, 0.3851)$

Have a look what the booklet for
Yxy(26.3472, 0.4536, 0.3851)
contains.

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Color

Yxy(26.3472, 0.4536, 0.3851)

Conversions

Conversions Part 1

Format	Color
Hex	C37B50
RGB	195, 123, 80
RGB Percent	76%, 48%, 31%
CMY	0.2353, 0.5176, 0.6863
CMYK	0.00, 0.37, 0.59, 0.24
HSL	22°, 49%, 54%
HSV	22°, 59%, 76%
XYZ	31.0337, 26.3472, 11.0356
YIQ	139.6260, 56.7150, 1.8910

Conversions

Conversions Part 2

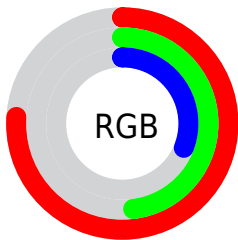
Format	Color
RYB	195, 149, 80
Decimal	12811088
CIELab	58.37, 23.76, 34.97
CIELCh	58, 42.275, 55.805
Yxy	26.3472, 0.4536, 0.3851
Android (android.graphics.Color)	4291001168 (0xFFC37B50)
YUV	139.6260, -29.3956, 48.5630
Hunter-Lab	51.3295, 18.0941, 23.1836

Details

The Yxy color **26.3472, 0.4536, 0.3851** is a dark color, and the websafe version is hex **996633**. The color can be described as middle muted orange. A complement of this color would be **28.0867, 0.2252, 0.2595**, and the grayscale version is **26.1728, 0.3127, 0.3290**.

A 20% lighter version of the original color is **53.9224, 0.4250, 0.3770**, and **10.3257, 0.4994, 0.3955** is the 20% darker color. If you saturate the color by 10%, you get **23.2593, 0.4868, 0.3905**, and if you desaturate by 10%, it is **29.8988, 0.4221, 0.3770**.

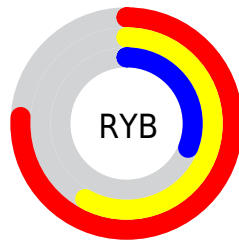
Distribution



Red (76%)

Green (48%)

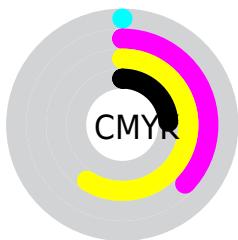
Blue (31%)



Red (76%)

Yellow (58%)

Blue (31%)

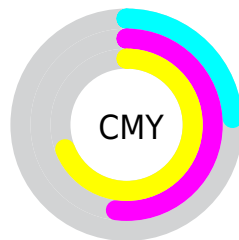


Cyan (0%)

Magenta (37%)

Yellow (59%)

Black (24%)



Cyan (24%)

Magenta (52%)

Yellow (69%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 26.3472, 0.4536, 0.3851 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 26.3472, 0.4536, 0.3851 by changing the saturation by 10% instead.

 26.3472, 0.4536,
0.3851

 26.3472, 0.4536,
0.3851


284.4823, 0.3771,
0.3594


 17.0836, 0.4740,
0.3897


 53.8345, 0.4247,
0.3768


 10.2941, 0.5003,
0.3940


 72.8270, 0.4141,
0.3733


 5.5944, 0.5349,
0.3961

 95.8313, 0.4053,
0.3703

 2.6000, 0.5976,
0.4024

 123.2316, 0.3979,
0.3675

 0.9267, 0.6367,
0.3633

 155.4125, 0.3915,
0.3651

 0.0000, 1.0000,
0.0000

192.7583, 0.3861,

 0.0000, 0.0000,

0.3630

0.0000

235.6535, 0.3813,
0.3611

■ 26.3472, 0.4536,
0.3851

■ 26.3472, 0.4536,
0.3851

■ 23.2593, 0.4868,
0.3905

■ 29.8988, 0.4221,
0.3770

■ 20.6098, 0.5198,
0.3920

■ 33.9299, 0.3934,
0.3674

■ 18.3767, 0.5499,
0.3886

■ 38.4601, 0.3681,
0.3573

■ 16.5292, 0.5750,
0.3805

■ 43.5068, 0.3462,
0.3471

■ 16.3599, 0.5775,
0.3797

■ 49.0865, 0.3273,
0.3373

■ 55.2148, 0.3112,
0.3281

■ 61.9067, 0.2974,
0.3196

■ 69.1766, 0.2857,
0.3117

■ 77.0079, 0.2759,
0.3050

Harmonies

Analogous

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



26.3472, 0.4414, 0.3317



26.3472, 0.4536, 0.3851



26.3472, 0.4240, 0.4334

Triad

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



26.3472, 0.4536, 0.3851



26.3472, 0.2363, 0.3796



26.3472, 0.2498, 0.2223

Complementary

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



26.3472, 0.4536, 0.3851



28.0867, 0.2252, 0.2595

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.



26.3472, 0.2062, 0.2233



26.3472, 0.4536, 0.3851



26.3472, 0.1984, 0.3050

Square

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



26.3472, 0.4536, 0.3851



26.3472, 0.2973, 0.4423



26.3472, 0.1886, 0.2501



26.3472, 0.3155, 0.2433

Rectangle

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



26.3472, 0.4536, 0.3851



26.3472, 0.3874, 0.4549



26.3472, 0.1886, 0.2501



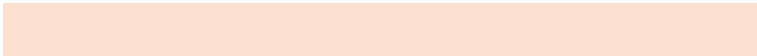
26.3472, 0.2325, 0.2200

Sweetspot

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



26.3485, 0.4536, 0.3851



78.6024, 0.3448, 0.3464



19.6291, 0.3750, 0.2367



16.6001, 0.3509, 0.3494



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

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



26.3485, 0.4536, 0.3851



40.1002, 0.4973, 0.3915



44.6822, 0.4062, 0.4514



10.6816, 0.3280, 0.3377



10.7839, 0.5750, 0.3816



0.5986, 0.5328, 0.4151

Inverse Universe

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



28.0867, 0.2252, 0.2595



43.3408, 0.2102, 0.2408



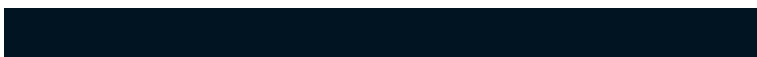
13.8858, 0.2043, 0.1642



10.7745, 0.2984, 0.3202



11.7793, 0.1897, 0.2029



0.6377, 0.1984, 0.2342

Previews

White Background



This preview shows how the Yxy color 26.3472, 0.4536, 0.3851 looks on a white background.

Color Contrast Check

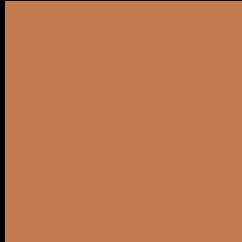
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.3472, 0.4536, 0.3851 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

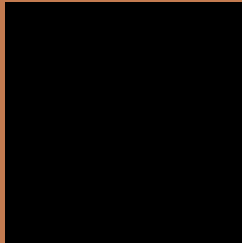
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 26.3472, 0.4536, 0.3851

Background



This preview shows how black text looks on a background with the Yxy color 26.3472, 0.4536, 0.3851.



This preview shows how white text looks on a background with the Yxy color 26.3472, 0.4536, 0.3851.

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

26.3472, 0.4536, 0.3851

Protanopia

26.6079, 0.3837, 0.4155

Deuteranopia

26.3709, 0.4195, 0.4110



Tritanopia

26.2347, 0.4041, 0.3173

Trichromacy



Original Color

26.3472, 0.4536, 0.3851

Protanomaly

26.1253, 0.4097, 0.4041

Deuteranomaly

26.2331, 0.4313, 0.4010

Tritanomaly

26.1681, 0.4241, 0.3427

Monochromacy



Original Color

26.3472, 0.4536, 0.3851

Achromatopsia

26.2251, 0.3127, 0.3290

Achromatomaly

25.8318, 0.3608, 0.3545

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.3472, 0.4536, 0.3851 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(195, 123, 80)` looks like.

```
.text, #text, p{  
    color:rgb(195, 123, 80)  
}
```

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(195, 123, 80) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 123, 80) }
```

Border

The CSS property to change the border of an element to Yxy 26.3472, 0.4536, 0.3851 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(195, 123, 80) }
```

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

```
.border{ border-color:rgb(195, 123, 80) }
```

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

Here you see how a box with a 4 pixel rgb(195, 123, 80) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 123, 80); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 123, 80);  
box-shadow:4px 4px 4px 4px rgb(195, 123,  
80) }
```


Background

The CSS property to change the background color of an element to Yxy 26.3472, 0.4536, 0.3851 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 123, 80) }
```

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

```
.background{ background-color: rgb(195,  
123, 80) }
```

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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