

Converting Colors

$Y_{xy}(26.4280, 0.3899, 0.3806)$

Have a look what the booklet for
Yxy(26.4280, 0.3899, 0.3806)
contains.

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Color

Yxy(26.3146, 0.3899, 0.3797)

Conversions

Conversions Part 1

Format	Color
Hex	A88665
RGB	168, 134, 101
RGB Percent	66%, 53%, 40%
CMY	0.3412, 0.4745, 0.6039
CMYK	0.00, 0.20, 0.40, 0.34
HSL	30°, 28%, 53%
HSV	30°, 40%, 66%
XYZ	27.0215, 26.3146, 15.9676
YIQ	140.4040, 30.8570, -3.0550

Conversions

Conversions Part 2

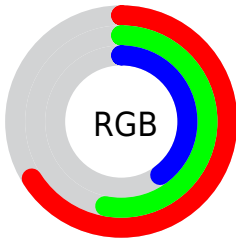
Format	Color
R _Y B	168, 166, 101
Decimal	11044453
CIE Lab	58.33, 8.36, 22.69
CIE LCh	58, 24.187, 69.769
Yxy	26.3146, 0.3899, 0.3797
Android (android.graphics.Color)	4289234533 (0xFFA88665)
YUV	140.4040, -19.4262, 24.2017
Hunter-Lab	51.2978, 4.2552, 17.4531

Details

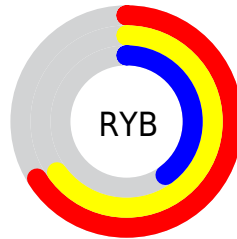
The Yxy color **26.3146, 0.3899, 0.3797** is a dark color, and the websafe version is hex **CC9966**. A complement of this color would be **22.9189, 0.2501, 0.2716**, and the grayscale version is **26.4596, 0.3127, 0.3290**.

A 20% lighter version of the original color is **53.6549, 0.3735, 0.3699**, and **10.1844, 0.4169, 0.3940** is the 20% darker color. If you saturate the color by 10%, you get **23.7575, 0.4150, 0.3921**, and if you desaturate by 10%, it is **29.1314, 0.3670, 0.3666**.

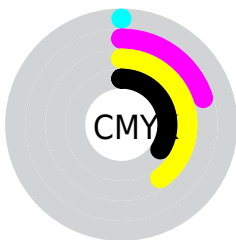
Distribution



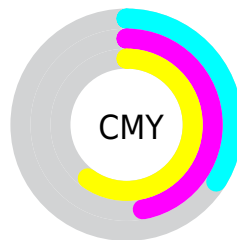
- Red (66%)
- Green (53%)
- Blue (40%)



- Red (66%)
- Yellow (65%)
- Blue (40%)



- Cyan (0%)
- Magenta (20%)
- Yellow (40%)
- Black (34%)





- Cyan (34%)
- Magenta (47%)
- Yellow (60%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 26.3146, 0.3899, 0.3797 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 26.3146, 0.3899, 0.3797 by changing the saturation by 10% instead.


 26.3146, 0.3899,
0.3797

 26.3146, 0.3899,
0.3797


284.3230, 0.3476,
0.3531


 17.0591, 0.4017,
0.3865


 53.7820, 0.3736,
0.3698


 10.2767, 0.4174,
0.3953


 72.7628, 0.3678,
0.3662

 5.5828, 0.4395,
0.4066


 95.7541, 0.3630,
0.3631

 2.5931, 0.4747,
0.4235

 123.1404, 0.3589,
0.3605

 0.9232, 0.5447,
0.4553

155.3061, 0.3555,
0.3582

 0.0000, 1.0000,
0.0000

192.6355, 0.3525,

 0.0000, 0.0000,

0.3563

0.0000

235.5130, 0.3499,
0.3546

■ 26.3146, 0.3899,
0.3797

■ 26.3146, 0.3899,
0.3797

■ 23.7575, 0.4150,
0.3921

■ 29.1314, 0.3670,
0.3666

■ 21.4477, 0.4419,
0.4028

■ 32.2123, 0.3465,
0.3536

■ 19.3774, 0.4693,
0.4107

■ 35.5662, 0.3284,
0.3409

■ 17.5366, 0.4961,
0.4146

■ 39.2003, 0.3125,
0.3289

■ 15.9140, 0.5203,
0.4135

■ 43.1217, 0.2987,
0.3176

■ 14.4911, 0.5415,
0.4081

■ 47.3371, 0.2867,
0.3073

■ 14.4746, 0.5418,
0.4080

■ 51.8529, 0.2762,
0.2977

■ 56.6755, 0.2670,
0.2890

■ 61.8108, 0.2590,
0.2810

Harmonies

Analogous

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



26.3146, 0.3928, 0.3489



26.3146, 0.3899, 0.3797



26.3146, 0.3655, 0.3997

Triad

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



26.3146, 0.3899, 0.3797



26.3146, 0.2555, 0.3389



26.3146, 0.2936, 0.2681

Complementary

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



26.3146, 0.3899, 0.3797



22.9189, 0.2501, 0.2716

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.



26.3146, 0.2596, 0.2629



26.3146, 0.3899, 0.3797



26.3146, 0.2388, 0.3006

Square

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



26.3146, 0.3899, 0.3797



26.3146, 0.2875, 0.3771



26.3146, 0.2403, 0.2737



26.3146, 0.3351, 0.2871

Rectangle

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



26.3146, 0.3899, 0.3797



26.3146, 0.3412, 0.4026



26.3146, 0.2403, 0.2737



26.3146, 0.2810, 0.2647

Sweetspot

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



26.3158, 0.3899, 0.3797



63.0742, 0.3324, 0.3438



19.3988, 0.3593, 0.2764



13.5817, 0.3346, 0.3453



84.8088, 0.3127, 0.3290



15.4872, 0.3127, 0.3290

Same Dimension

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



26.3158, 0.3899, 0.3797



43.5570, 0.4124, 0.3909



36.8559, 0.3717, 0.4243



8.1297, 0.3274, 0.3401



11.0340, 0.5403, 0.4092



0.3711, 0.4906, 0.4487

Inverse Universe

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



22.9189, 0.2501, 0.2716



36.5091, 0.2360, 0.2559



15.1202, 0.2410, 0.2118



7.9061, 0.2987, 0.3176



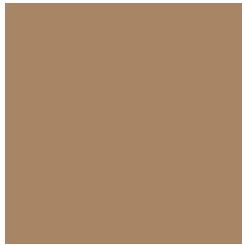
7.1718, 0.1786, 0.1631



0.2766, 0.1953, 0.2231

Previews

White Background



This preview shows how the Yxy color 26.3146, 0.3899, 0.3797 looks on a white background.

Color Contrast Check

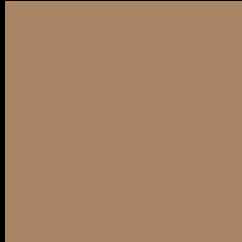
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.3146, 0.3899, 0.3797 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

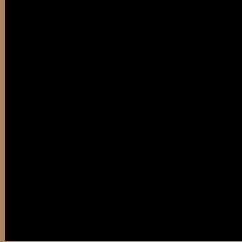
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 26.3146, 0.3899, 0.3797

Background



This preview shows how black text looks on a background with the Yxy color 26.3146, 0.3899, 0.3797.



This preview shows how white text looks on a background with the Yxy color 26.3146, 0.3899, 0.3797.

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

26.3146, 0.3899, 0.3797

Protanopia

26.3350, 0.3631, 0.3881

Deuteranopia

26.4830, 0.3881, 0.3814



Tritanopia

26.3352, 0.3523, 0.3142

Trichromacy



Original Color

26.3146, 0.3899, 0.3797

Protanomaly

26.3243, 0.3723, 0.3852

Deuteranomaly

26.4830, 0.3881, 0.3814

Tritanomaly

26.3712, 0.3670, 0.3382

Monochromacy



Original Color

26.3146, 0.3899, 0.3797

Achromatopsia

26.2251, 0.3127, 0.3290

Achromatomaly

26.1673, 0.3389, 0.3487

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.3146, 0.3899, 0.3797 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(168, 134, 101)` looks like.

```
.text, #text, p{  
    color:rgb(168, 134, 101)  
}
```

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(168, 134, 101) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 134, 101) }
```

Border

The CSS property to change the border of an element to Yxy 26.3146, 0.3899, 0.3797 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(168, 134, 101) }
```

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

```
.border{ border-color:rgb(168, 134, 101) }
```

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

Here you see how a box with a 4 pixel `rgb(168, 134, 101)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 134, 101); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 134, 101);  
box-shadow:4px 4px 4px 4px rgb(168, 134,  
101) }
```


Background

The CSS property to change the background color of an element to Yxy 26.3146, 0.3899, 0.3797 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 134, 101) }
```

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

```
.background{ background-color: rgb(168,  
134, 101) }
```

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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