

Converting Colors

$Yxy(26.5864, 0.3874, 0.3777)$

Have a look what the booklet for
Yxy(26.5864, 0.3874, 0.3777)
contains.

Yxy(26.6320, 0.3871, 0.3781)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(26.6320, 0.3871, 0.3781)

Conversions

Conversions Part 1

Format	Color
Hex	A88767
RGB	168, 135, 103
RGB Percent	66%, 53%, 40%
CMY	0.3411, 0.4706, 0.5960
CMYK	0.00, 0.20, 0.39, 0.34
HSL	30°, 27%, 53%
HSV	30°, 39%, 66%
XYZ	27.2659, 26.6320, 16.5385
YIQ	141.2190, 29.9400, -2.9560

Conversions

Conversions Part 2

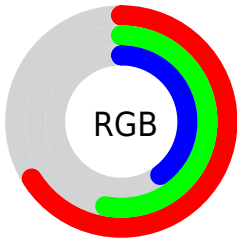
Format	Color
R_{YB}	168, 166, 103
Decimal	11044711
CIE _{Lab}	58.63, 8.07, 21.97
CIE _{LCh}	59, 23.401, 69.829
Yxy	26.6320, 0.3871, 0.3781
Android (android.graphics.Color)	4289234791 (0xFFA88767)
YUV	141.2190, -18.8420, 23.4869
Hunter-Lab	51.6062, 3.9989, 17.1234

Details

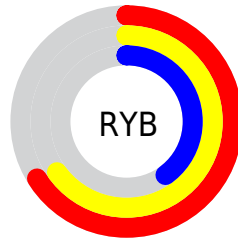
The Yxy color **26.6320, 0.3871, 0.3781** is a dark color, and the websafe version is hex **CC9966**. A complement of this color would be **23.3358, 0.2519, 0.2737**, and the grayscale version is **26.7948, 0.3127, 0.3290**.

A 20% lighter version of the original color is **54.1468, 0.3715, 0.3687**, and **10.3599, 0.4125, 0.3920** is the 20% darker color. If you saturate the color by 10%, you get **24.0412, 0.4120, 0.3906**, and if you desaturate by 10%, it is **29.4842, 0.3644, 0.3650**.

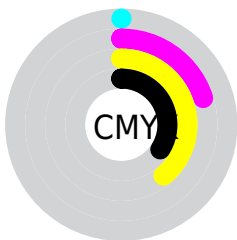
Distribution



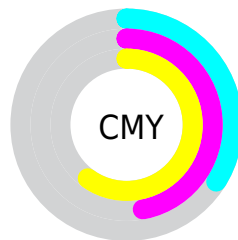
- Red (66%)
- Green (53%)
- Blue (40%)



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



- Cyan (0%)
- Magenta (20%)
- Yellow (39%)
- Black (34%)





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

Brightness & Saturation Gradients


These gradients show how the Yxy color 26.6320, 0.3871, 0.3781 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 26.6320, 0.3871, 0.3781 by changing the saturation by 10% instead.


 26.6320, 0.3871,
0.3781


 26.6320, 0.3871,
0.3781


285.8709, 0.3464,
0.3523


 17.2970, 0.3984,
0.3848


 54.2928, 0.3715,
0.3685


 10.4465, 0.4136,
0.3933


 73.3874, 0.3658,
0.3650

 5.6960, 0.4349,
0.4045

 96.5040, 0.3612,
0.3620

 2.6611, 0.4677,
0.4202

 124.0270, 0.3573,
0.3595

 0.9575, 0.5421,
0.4579

156.3408, 0.3540,
0.3573

 0.0000, 1.0000,
0.0000

193.8298, 0.3511,

 0.0000, 0.0000,

0.3554

0.0000

236.8783, 0.3486,
0.3538

■ 26.6320, 0.3871,
0.3781

■ 26.6320, 0.3871,
0.3781

■ 24.0412, 0.4120,
0.3906

■ 29.4842, 0.3644,
0.3650

■ 21.6995, 0.4387,
0.4015

■ 32.6022, 0.3442,
0.3520

■ 19.5991, 0.4662,
0.4098

■ 35.9948, 0.3264,
0.3394

■ 17.7300, 0.4932,
0.4142

■ 39.6693, 0.3108,
0.3275

■ 16.0812, 0.5178,
0.4138

■ 43.6327, 0.2972,
0.3164

■ 14.6363, 0.5393,
0.4086

■ 47.8918, 0.2853,
0.3061

■ 14.4604, 0.5421,
0.4078

■ 52.4529, 0.2750,
0.2967

■ 57.3223, 0.2660,
0.2881

■ 62.5061, 0.2581,
0.2802

Harmonies

Analogous

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



26.6320, 0.3899, 0.3485



26.6320, 0.3871, 0.3781



26.6320, 0.3636, 0.3972

Triad

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



26.6320, 0.3871, 0.3781



26.6320, 0.2574, 0.3385



26.6320, 0.2944, 0.2702

Complementary

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



26.6320, 0.3871, 0.3781



23.3358, 0.2519, 0.2737

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.



26.6320, 0.2615, 0.2651



26.6320, 0.3871, 0.3781



26.6320, 0.2413, 0.3016

Square

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



26.6320, 0.3871, 0.3781



26.6320, 0.2884, 0.3752



26.6320, 0.2428, 0.2757



26.6320, 0.3344, 0.2886

Rectangle

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



26.6320, 0.3871, 0.3781



26.6320, 0.3402, 0.3998



26.6320, 0.2428, 0.2757



26.6320, 0.2822, 0.2669

Sweetspot

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



26.6333, 0.3871, 0.3781



63.0638, 0.3324, 0.3438



19.8261, 0.3574, 0.2780



13.5792, 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.



26.6333, 0.3871, 0.3781



44.4439, 0.4073, 0.3883



36.9258, 0.3700, 0.4216



8.1287, 0.3274, 0.3401



11.0179, 0.5405, 0.4090



0.3708, 0.4907, 0.4486

Inverse Universe

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



23.3358, 0.2519, 0.2737



37.6427, 0.2391, 0.2596



15.6327, 0.2434, 0.2159



7.9071, 0.2987, 0.3176



7.1885, 0.1787, 0.1634



0.2770, 0.1954, 0.2233

Previews

White Background



This preview shows how the Yxy color 26.6320, 0.3871, 0.3781 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 26.6320, 0.3871, 0.3781 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

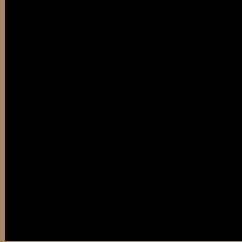
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 26.6320, 0.3871, 0.3781

Background



This preview shows how black text looks on a background with the Yxy color 26.6320, 0.3871, 0.3781.



This preview shows how white text looks on a background with the Yxy color 26.6320, 0.3871, 0.3781.

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

26.6320, 0.3871, 0.3781

Protanopia

26.6697, 0.3606, 0.3863

Deuteranopia

26.5227, 0.3859, 0.3784



Tritanopia

26.6294, 0.3508, 0.3142

Trichromacy



Original Color

26.6320, 0.3871, 0.3781

Protanomaly

26.6533, 0.3696, 0.3835

Deuteranomaly

26.5227, 0.3859, 0.3784

Tritanomaly

26.6928, 0.3642, 0.3367

Monochromacy



Original Color

26.6320, 0.3871, 0.3781

Achromatopsia

26.6356, 0.3127, 0.3290

Achromatomaly

26.5769, 0.3387, 0.3485

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.6320, 0.3871, 0.3781 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, 135, 103)` looks like.

```
.text, #text, p{  
    color:rgb(168, 135, 103)  
}
```

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, 135, 103) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 135, 103) }
```

Border

The CSS property to change the border of an element to Yxy 26.6320, 0.3871, 0.3781 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, 135, 103) }
```

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

```
.border{ border-color:rgb(168, 135, 103) }
```

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

Here you see how a box with a 4 pixel `rgb(168, 135, 103)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 135, 103); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 135, 103);  
box-shadow:4px 4px 4px 4px rgb(168, 135,  
103) }
```


Background

The CSS property to change the background color of an element to Yxy 26.6320, 0.3871, 0.3781 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 135, 103) }
```

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

```
.background{ background-color: rgb(168,  
135, 103) }
```

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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