

Converting Colors

$Yxy(26.9807, 0.3973, 0.3792)$

Have a look what the booklet for
Yxy(26.9807, 0.3973, 0.3792)
contains.

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Color

Yxy(26.9885, 0.3971, 0.3783)

Conversions

Conversions Part 1

Format	Color
Hex	AE8665
RGB	174, 134, 101
RGB Percent	68%, 53%, 40%
CMY	0.3176, 0.4745, 0.6040
CMYK	0.00, 0.23, 0.42, 0.32
HSL	27°, 31%, 54%
HSV	27°, 42%, 68%
XYZ	28.3297, 26.9885, 16.0233
YIQ	142.1980, 34.4330, -1.7830

Conversions

Conversions Part 2

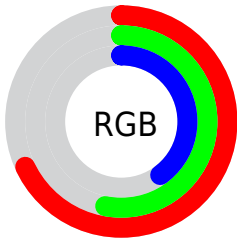
Format	Color
RYB	174, 161, 101
Decimal	11437669
CIELab	58.96, 10.87, 23.66
CIELCh	59, 26.036, 65.313
Yxy	26.9885, 0.3971, 0.3783
Android (android.graphics.Color)	4289627749 (0xFFAE8665)
YUV	142.1980, -20.3106, 27.8904
Hunter-Lab	51.9505, 6.4267, 18.0782

Details

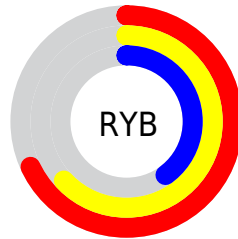
The Yxy color **26.9885, 0.3971, 0.3783** is a dark color, and the websafe version is hex **CC9966**. A complement of this color would be **24.8667, 0.2474, 0.2731**, and the grayscale version is **27.2048, 0.3127, 0.3290**.

A 20% lighter version of the original color is **54.7966, 0.3798, 0.3690**, and **10.6001, 0.4273, 0.3910** is the 20% darker color. If you saturate the color by 10%, you get **24.1667, 0.4239, 0.3894**, and if you desaturate by 10%, it is **30.1226, 0.3728, 0.3663**.

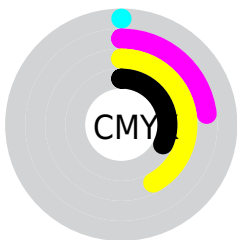
Distribution



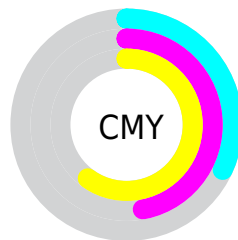
- Red (68%)
- Green (53%)
- Blue (40%)



- Red (68%)
- Yellow (63%)
- Blue (40%)



- Cyan (0%)
- Magenta (23%)
- Yellow (42%)
- Black (32%)





- Cyan (32%)
- Magenta (47%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 26.9885, 0.3971, 0.3783 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 26.9885, 0.3971, 0.3783 by changing the saturation by 10% instead.


 26.9885, 0.3971,
0.3783


 26.9885, 0.3971,
0.3783


287.6014, 0.3510,
0.3529

 17.5646, 0.4098,
0.3846


 54.8654, 0.3794,
0.3690


 10.6378, 0.4269,
0.3925


 74.0872, 0.3731,
0.3655

 5.8239, 0.4506,
0.4024

 97.3437, 0.3678,
0.3626

 2.7383, 0.4876,
0.4163

 125.0194, 0.3634,
0.3601

 0.9967, 0.5592,
0.4408

157.4986, 0.3596,
0.3579

 0.0000, 1.0000,
0.0000

195.1658, 0.3563,

 0.0000, 0.0000,

0.3560

0.0000

238.4052, 0.3535,
0.3543

■ 26.9885, 0.3971,
0.3783

■ 26.9885, 0.3971,
0.3783

■ 24.1667, 0.4239,
0.3894

■ 30.1226, 0.3728,
0.3663

■ 21.6426, 0.4527,
0.3987

■ 33.5753, 0.3511,
0.3542

■ 19.4057, 0.4821,
0.4050


■ 37.3576, 0.3322,
0.3423

■ 17.4435, 0.5105,
0.4070

■ 41.4787, 0.3157,
0.3311

■ 15.7417, 0.5359,
0.4038

■ 45.9475, 0.3014,
0.3206

 14.5461, 0.5540,
0.3983

 50.7723, 0.2890,
0.3109

 55.9613, 0.2783,
0.3020

 61.5225, 0.2691,
0.2939

 67.2956, 0.2623,
0.2892

Harmonies

Analogous

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



26.9885, 0.3965, 0.3446



26.9885, 0.3971, 0.3783



26.9885, 0.3739, 0.4023

Triad

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



26.9885, 0.3971, 0.3783



26.9885, 0.2559, 0.3460



26.9885, 0.2861, 0.2626

Complementary

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



26.9885, 0.3971, 0.3783



24.8667, 0.2474, 0.2731

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.



26.9885, 0.2520, 0.2593



26.9885, 0.3971, 0.3783



26.9885, 0.2356, 0.3039

Square

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



26.9885, 0.3971, 0.3783



26.9885, 0.2918, 0.3856



26.9885, 0.2343, 0.2732



26.9885, 0.3298, 0.2807

Rectangle

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



26.9885, 0.3971, 0.3783



26.9885, 0.3490, 0.4079



26.9885, 0.2343, 0.2732



26.9885, 0.2732, 0.2597

Sweetspot

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



26.9898, 0.3971, 0.3783



66.8579, 0.3344, 0.3438



20.2306, 0.3595, 0.2701



14.5203, 0.3384, 0.3464



89.0005, 0.3127, 0.3290



17.0645, 0.3127, 0.3290

Same Dimension

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



26.9898, 0.3971, 0.3783



44.3602, 0.4209, 0.3883



38.8207, 0.3761, 0.4263



8.5895, 0.3276, 0.3393



10.6653, 0.5521, 0.3998



0.4069, 0.5021, 0.4395

Inverse Universe

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



24.8667, 0.2474, 0.2731



39.9935, 0.2340, 0.2586



15.8506, 0.2370, 0.2085



8.4570, 0.2986, 0.3185



8.3139, 0.1824, 0.1765



0.3387, 0.1965, 0.2274

Previews

White Background



This preview shows how the Yxy color 26.9885, 0.3971, 0.3783 looks on a white background.

Color Contrast Check

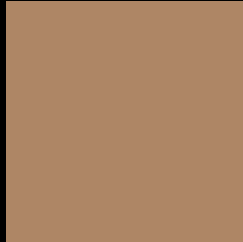
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.9885, 0.3971, 0.3783 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 26.9885, 0.3971, 0.3783

Background



This preview shows how black text looks on a background with the Yxy color 26.9885, 0.3971, 0.3783.



This preview shows how white text looks on a background with the Yxy color 26.9885, 0.3971, 0.3783.

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

26.9885, 0.3971, 0.3783

Protanopia

27.1178, 0.3646, 0.3906

Deuteranopia

26.9829, 0.3899, 0.3824



Tritanopia

27.0296, 0.3593, 0.3146

Trichromacy



Original Color

26.9885, 0.3971, 0.3783

Protanomaly

27.0216, 0.3765, 0.3857

Deuteranomaly

26.9255, 0.3929, 0.3804

Tritanomaly

27.0604, 0.3741, 0.3380

Monochromacy



Original Color

26.9885, 0.3971, 0.3783

Achromatopsia

27.0498, 0.3127, 0.3290

Achromatomaly

26.8676, 0.3421, 0.3483

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.9885, 0.3971, 0.3783 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(174, 134, 101)` looks like.

```
.text, #text, p{  
    color:rgb(174, 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(174, 134, 101) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 134, 101) }
```

Border

The CSS property to change the border of an element to Yxy 26.9885, 0.3971, 0.3783 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(174, 134, 101) }
```

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

```
.border{ border-color:rgb(174, 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(174, 134, 101)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 134, 101); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 134, 101);  
box-shadow:4px 4px 4px 4px rgb(174, 134,  
101) }
```


Background

The CSS property to change the background color of an element to Yxy 26.9885, 0.3971, 0.3783 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 134, 101) }
```

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

```
.background{ background-color: rgb(174,  
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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