

Converting Colors

$Y_{xy}(26.9618, 0.3910, 0.3838)$

Have a look what the booklet for
Yxy(26.9618, 0.3910, 0.3838)
contains.

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Color

Yxy(26.9634, 0.3910, 0.3839)

Conversions

Conversions Part 1

Format	Color
Hex	A98864
RGB	169, 136, 100
RGB Percent	66%, 53%, 39%
CMY	0.3374, 0.4666, 0.6079
CMYK	0.00, 0.20, 0.41, 0.34
HSL	31°, 29%, 53%
HSV	31°, 41%, 66%
XYZ	27.4621, 26.9634, 15.8100
YIQ	141.7630, 31.2240, -4.2000

Conversions

Conversions Part 2

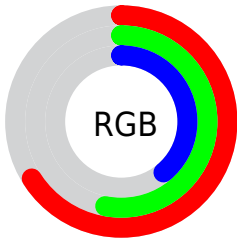
Format	Color
R_{YB}	163, 169, 100
Decimal	11110500
CIE Lab	58.94, 7.53, 24.09
CIE LCh	59, 25.236, 72.642
Yxy	26.9634, 0.3910, 0.3839
Android (android.graphics.Color)	4289300580 (0xFFA98864)
YUV	141.7630, -20.5892, 23.8868
Hunter-Lab	51.9263, 3.5316, 18.2964

Details

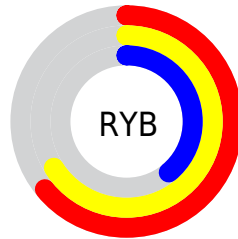
The Yxy color **26.9634, 0.3910, 0.3839** is a dark color, and the websafe version is hex **CC9966**. A complement of this color would be **22.3328, 0.2479, 0.2663**, and the grayscale version is **27.0248, 0.3127, 0.3290**.

A 20% lighter version of the original color is **54.6371, 0.3745, 0.3732**, and **10.5575, 0.4179, 0.3996** is the 20% darker color. If you saturate the color by 10%, you get **24.4814, 0.4155, 0.3968**, and if you desaturate by 10%, it is **29.6871, 0.3684, 0.3702**.

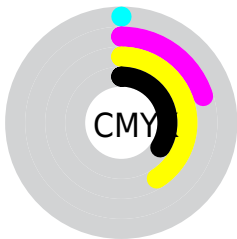
Distribution



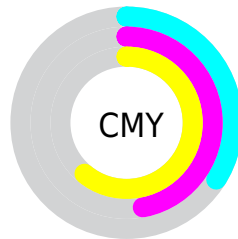
- Red (66%)
- Green (53%)
- Blue (39%)



- Red (64%)
- Yellow (66%)
- Blue (39%)



- Cyan (0%)
- Magenta (20%)
- Yellow (41%)
- Black (34%)



- Cyan (34%)
- Magenta (47%)
- Yellow (61%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 26.9634, 0.3910, 0.3839 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 26.9634, 0.3910, 0.3839 by changing the saturation by 10% instead.


 26.9634, 0.3910,
0.3839


 26.9634, 0.3910,
0.3839


287.4799, 0.3484,
0.3551


 17.5457, 0.4027,
0.3913


 54.8251, 0.3747,
0.3732


 10.6243, 0.4184,
0.4007


 74.0380, 0.3688,
0.3693

 5.8148, 0.4400,
0.4129

 97.2847, 0.3639,
0.3660

 2.7328, 0.4744,
0.4311

 124.9497, 0.3598,
0.3631

 0.9939, 0.5380,
0.4620

157.4173, 0.3563,
0.3607

 0.0000, 1.0000,
0.0000

195.0719, 0.3533,

 0.0000, 0.0000,

0.3586

0.0000

238.2980, 0.3507,
0.3568

■ 26.9634, 0.3910,
0.3839

■ 26.9634, 0.3910,
0.3839

■ 24.4814, 0.4155,
0.3968

■ 29.6871, 0.3684,
0.3702

■ 22.2293, 0.4414,
0.4080

■ 32.6562, 0.3480,
0.3563

■ 20.1999, 0.4675,
0.4162

■ 35.8791, 0.3299,
0.3428

■ 18.3837, 0.4926,
0.4203

■ 39.3625, 0.3139,
0.3300

■ 16.7702, 0.5151,
0.4194

■ 43.1129, 0.2999,
0.3180

■ 15.4520, 0.5333,
0.4148

■ 47.1364, 0.2877,
0.3069

■ 51.4392, 0.2769,
0.2967

■ 56.0268, 0.2676,
0.2873

■ 60.9049, 0.2593,
0.2788

Harmonies

Analogous

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



26.9634, 0.3964, 0.3527



26.9634, 0.3910, 0.3839



26.9634, 0.3639, 0.4032

Triad

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



26.9634, 0.3910, 0.3839



26.9634, 0.2511, 0.3351



26.9634, 0.2968, 0.2675

Complementary

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



26.9634, 0.3910, 0.3839



22.3328, 0.2479, 0.2663

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.



26.9634, 0.2606, 0.2606



26.9634, 0.3910, 0.3839



26.9634, 0.2357, 0.2962

Square

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



26.9634, 0.3910, 0.3839



26.9634, 0.2829, 0.3756



26.9634, 0.2391, 0.2700



26.9634, 0.3399, 0.2882

Rectangle

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



26.9634, 0.3910, 0.3839



26.9634, 0.3381, 0.4048



26.9634, 0.2391, 0.2700



26.9634, 0.2835, 0.2635

Sweetspot

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



26.9647, 0.3910, 0.3839



63.4497, 0.3323, 0.3447



19.2467, 0.3642, 0.2785



13.6711, 0.3345, 0.3463



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.



26.9647, 0.3910, 0.3839



44.2638, 0.4131, 0.3957



37.5922, 0.3713, 0.4283



8.1662, 0.3273, 0.3408



11.6278, 0.5318, 0.4160



0.3844, 0.4856, 0.4526

Inverse Universe

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



22.3328, 0.2479, 0.2663



34.8239, 0.2335, 0.2493



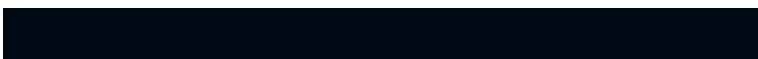
14.7501, 0.2397, 0.2068



7.8697, 0.2987, 0.3169



6.5985, 0.1760, 0.1534



0.2635, 0.1934, 0.2163

Previews

White Background



This preview shows how the Yxy color 26.9634, 0.3910, 0.3839 looks on a white background.

Color Contrast Check

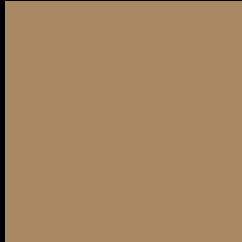
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.9634, 0.3910, 0.3839 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

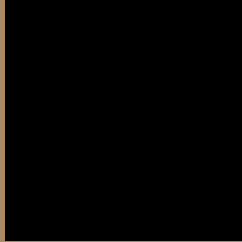
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 26.9634, 0.3910, 0.3839

Background



This preview shows how black text looks on a background with the Yxy color 26.9634, 0.3910, 0.3839.



This preview shows how white text looks on a background with the Yxy color 26.9634, 0.3910, 0.3839.

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

26.9634, 0.3910, 0.3839

Protanopia

27.0776, 0.3666, 0.3938

Deuteranopia

26.9634, 0.3910, 0.3839



Tritanopia

27.0399, 0.3506, 0.3143

Trichromacy



Original Color

26.9634, 0.3910, 0.3839

Protanomaly

27.0667, 0.3758, 0.3908

Deuteranomaly

26.9634, 0.3910, 0.3839

Tritanomaly

27.0521, 0.3662, 0.3397

Monochromacy



Original Color

26.9634, 0.3910, 0.3839

Achromatopsia

27.0498, 0.3127, 0.3290

Achromatomaly

26.9639, 0.3396, 0.3501

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.9634, 0.3910, 0.3839 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(169, 136, 100)` looks like.

```
.text, #text, p{  
    color:rgb(169, 136, 100)  
}
```

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(169, 136, 100) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 136, 100) }
```

Border

The CSS property to change the border of an element to Yxy 26.9634, 0.3910, 0.3839 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(169, 136, 100) }
```

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

```
.border{ border-color:rgb(169, 136, 100) }
```

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

Here you see how a box with a 4 pixel `rgb(169, 136, 100)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 136, 100); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 136, 100);  
box-shadow:4px 4px 4px 4px rgb(169, 136,  
100) }
```


Background

The CSS property to change the background color of an element to Yxy 26.9634, 0.3910, 0.3839 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 136, 100) }
```

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

```
.background{ background-color: rgb(169,  
136, 100) }
```

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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