

Converting Colors

$Y_{xy}(26.1301, 0.3838, 0.3712)$

Have a look what the booklet for
Yxy(26.1301, 0.3838, 0.3712)
contains.

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Color

Yxy(26.0312, 0.3836, 0.3708)

Conversions

Conversions Part 1

Format	Color
Hex	A7856A
RGB	167, 133, 106
RGB Percent	65%, 52%, 42%
CMY	0.3450, 0.4785, 0.5843
CMYK	0.00, 0.20, 0.37, 0.34
HSL	27°, 26%, 54%
HSV	27°, 37%, 66%
XYZ	26.9298, 26.0312, 17.2418
YIQ	140.0880, 28.9310, -1.1890

Conversions

Conversions Part 2

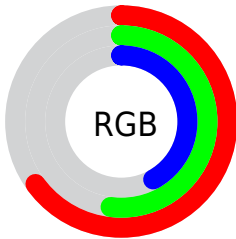
Format	Color
R_{YB}	167, 154, 106
Decimal	10978666
CIE _{Lab}	58.07, 9.15, 19.50
CIE _{LCh}	58, 21.537, 64.871
Yxy	26.0312, 0.3836, 0.3708
Android (android.graphics.Color)	4289168746 (0xFFA7856A)
YUV	140.0880, -16.8054, 23.6018
Hunter-Lab	51.0208, 4.9295, 15.6783

Details

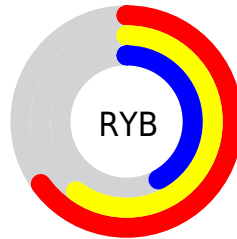
The Yxy color **26.0312, 0.3836, 0.3708** is a dark color, and the websafe version is hex **CC9966**. A complement of this color would be **24.6228, 0.2562, 0.2828**, and the grayscale version is **26.3211, 0.3127, 0.3290**.

A 20% lighter version of the original color is **53.2401, 0.3688, 0.3631**, and **10.0694, 0.4114, 0.3837** is the 20% darker color. If you saturate the color by 10%, you get **23.2795, 0.4093, 0.3822**, and if you desaturate by 10%, it is **29.0793, 0.3607, 0.3589**.

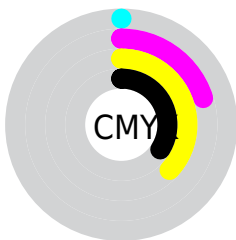
Distribution



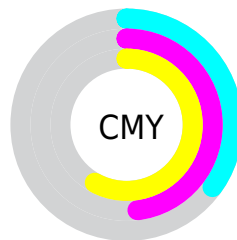
- Red (65%)
- Green (52%)
- Blue (42%)



- Red (65%)
- Yellow (60%)
- Blue (42%)



- Cyan (0%)
- Magenta (20%)
- Yellow (37%)
- Black (34%)




- Cyan (35%)
- Magenta (48%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 26.0312, 0.3836, 0.3708 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 26.0312, 0.3836, 0.3708 by changing the saturation by 10% instead.


 26.0312, 0.3836,
0.3708


 26.0312, 0.3836,
0.3708


282.9352, 0.3446,
0.3488


 16.8470, 0.3946,
0.3765


 53.3253, 0.3685,
0.3626


 10.1255, 0.4095,
0.3838


 72.2039, 0.3631,
0.3596

 5.4822, 0.4306,
0.3934

 95.0828, 0.3587,
0.3571

 2.5329, 0.4630,
0.4063

 122.3464, 0.3550,
0.3549

 0.8930, 0.5505,
0.4495

154.3790, 0.3518,
0.3531

 0.0000, 1.0000,
0.0000

191.5651, 0.3491,

 0.0000, 0.0000,

0.3515

0.0000

234.2890, 0.3467,
0.3501

■ 26.0312, 0.3836,
0.3708

■ 26.0312, 0.3836,
0.3708

■ 23.2795, 0.4093,
0.3822

■ 29.0793, 0.3607,
0.3589

■ 20.8108, 0.4373,
0.3924

■ 32.4293, 0.3405,
0.3472

■ 18.6157, 0.4669,
0.4003

■ 36.0913, 0.3229,
0.3360

■ 16.6831, 0.4965,
0.4046

■ 40.0737, 0.3077,
0.3254

■ 15.0005, 0.5242,
0.4042

■ 44.3846, 0.2945,
0.3156

■ 13.5530, 0.5483,
0.3988

■ 49.0317, 0.2831,
0.3066

■ 13.0990, 0.5564,
0.3964

■ 54.0225, 0.2733,
0.2983

■ 59.3642, 0.2647,
0.2908

■ 64.9779, 0.2580,
0.2853

Harmonies

Analogous

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



26.0312, 0.3825, 0.3424



26.0312, 0.3836, 0.3708



26.0312, 0.3648, 0.3904

Triad

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



26.0312, 0.3836, 0.3708



26.0312, 0.2653, 0.3439



26.0312, 0.2900, 0.2724

Complementary

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



26.0312, 0.3836, 0.3708



24.6228, 0.2562, 0.2828

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.



26.0312, 0.2612, 0.2701



26.0312, 0.3836, 0.3708



26.0312, 0.2476, 0.3090

Square

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



26.0312, 0.3836, 0.3708



26.0312, 0.2960, 0.3762



26.0312, 0.2462, 0.2826



26.0312, 0.3267, 0.2877

Rectangle

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



26.0312, 0.3836, 0.3708



26.0312, 0.3441, 0.3947



26.0312, 0.2462, 0.2826



26.0312, 0.2792, 0.2701

Sweetspot

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



26.0324, 0.3836, 0.3708



61.4855, 0.3308, 0.3412



20.4382, 0.3500, 0.2765



13.5699, 0.3331, 0.3426



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.



26.0324, 0.3836, 0.3708



42.4970, 0.4046, 0.3803



35.4389, 0.3683, 0.4126



8.0680, 0.3275, 0.3390



10.1148, 0.5548, 0.3977



0.3488, 0.4995, 0.4416

Inverse Universe

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



24.6228, 0.2562, 0.2828



39.5820, 0.2435, 0.2702



17.0231, 0.2487, 0.2288



7.9683, 0.2987, 0.3188



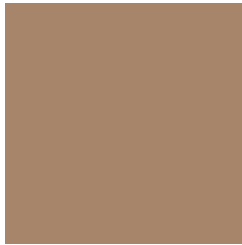
8.2433, 0.1834, 0.1801



0.3000, 0.1985, 0.2346

Previews

White Background



This preview shows how the Yxy color 26.0312, 0.3836, 0.3708 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 26.0312, 0.3836, 0.3708 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

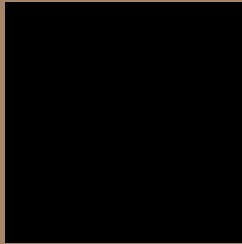
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 26.0312, 0.3836, 0.3708

Background



This preview shows how black text looks on a background with the Yxy color 26.0312, 0.3836, 0.3708.



This preview shows how white text looks on a background with the Yxy color 26.0312, 0.3836, 0.3708.

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

26.0312, 0.3836, 0.3708

Protanopia

26.2499, 0.3554, 0.3803

Deuteranopia

25.9833, 0.3794, 0.3729



Tritanopia

26.0815, 0.3511, 0.3156

Trichromacy



Original Color

26.0312, 0.3836, 0.3708

Protanomaly

26.0419, 0.3661, 0.3759

Deuteranomaly

26.0901, 0.3806, 0.3727

Tritanomaly

25.9066, 0.3638, 0.3353

Monochromacy



Original Color

26.0312, 0.3836, 0.3708

Achromatopsia

26.2251, 0.3127, 0.3290

Achromatomaly

25.9339, 0.3369, 0.3438

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.0312, 0.3836, 0.3708 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(167, 133, 106)` looks like.

```
.text, #text, p{  
    color:rgb(167, 133, 106)  
}
```

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(167, 133, 106) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 133, 106) }
```

Border

The CSS property to change the border of an element to Yxy 26.0312, 0.3836, 0.3708 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(167, 133, 106) }
```

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

```
.border{ border-color:rgb(167, 133, 106) }
```

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

Here you see how a box with a 4 pixel `rgb(167, 133, 106)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(167, 133, 106); -webkit-box-  
shadow:4px 4px 4px 4px rgb(167, 133, 106);  
box-shadow:4px 4px 4px 4px rgb(167, 133,  
106) }
```


Background

The CSS property to change the background color of an element to Yxy 26.0312, 0.3836, 0.3708 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 133, 106) }
```

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

```
.background{ background-color: rgb(167,  
133, 106) }
```

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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