

Converting Colors

$Y_{xy}(26.8738, 0.4044, 0.3895)$

Have a look what the booklet for
Yxy(26.8738, 0.4044, 0.3895)
contains.

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Color

$\text{Yxy}(26.7426, 0.4037, 0.3886)$

Conversions

Conversions Part 1

Format	Color
Hex	AD865E
RGB	173, 134, 94
RGB Percent	68%, 53%, 37%
CMY	0.3215, 0.4745, 0.6313
CMYK	0.00, 0.23, 0.46, 0.32
HSL	30°, 33%, 52%
HSV	30°, 46%, 68%
XYZ	27.7817, 26.7426, 14.2935
YIQ	141.1010, 36.0840, -4.1720

Conversions

Conversions Part 2

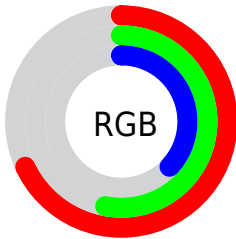
Format	Color
RYB	171, 173, 94
Decimal	11372126
CIELab	58.74, 9.69, 27.21
CIELCh	59, 28.883, 70.395
Yxy	26.7426, 0.4037, 0.3886
Android (android.graphics.Color)	4289562206 (0xFFAD865E)
YUV	141.1010, -23.2208, 27.9754
Hunter-Lab	51.7132, 5.3968, 19.8116

Details

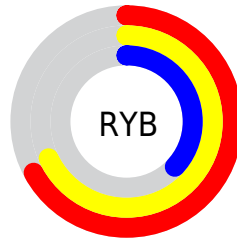
The Yxy color **26.7426, 0.4037, 0.3886** is a dark color, and the websafe version is hex **CC9966**. A complement of this color would be **22.1846, 0.2405, 0.2595**, and the grayscale version is **26.7616, 0.3127, 0.3290**.

A 20% lighter version of the original color is **54.4080, 0.3848, 0.3771**, and **10.4678, 0.4364, 0.4046** is the 20% darker color. If you saturate the color by 10%, you get **24.1996, 0.4295, 0.4005**, and if you desaturate by 10%, it is **29.5487, 0.3797, 0.3755**.

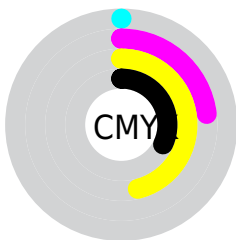
Distribution



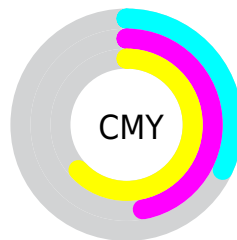
- Red (68%)
- Green (53%)
- Blue (37%)



- Red (67%)
- Yellow (68%)
- Blue (37%)



- Cyan (0%)
- Magenta (23%)
- Yellow (46%)
- Black (32%)





- Cyan (32%)
- Magenta (47%)
- Yellow (63%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 26.7426, 0.4037, 0.3886 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 26.7426, 0.4037, 0.3886 by changing the saturation by 10% instead.


 26.7426, 0.4037,
0.3886

 26.7426, 0.4037,
0.3886


286.4087, 0.3542,
0.3578

 17.3800, 0.4172,
0.3962


 54.4705, 0.3848,
0.3773


 10.5058, 0.4351,
0.4057


 73.6047, 0.3780,
0.3731

 5.7356, 0.4595,
0.4173

 96.7648, 0.3723,
0.3696

 2.6850, 0.5032,
0.4386

 124.3353, 0.3675,
0.3665

 0.9696, 0.5524,
0.4476

156.7005, 0.3635,
0.3639

 0.0000, 1.0000,
0.0000

194.2449, 0.3599,

 0.0000, 0.0000,

0.3616

0.0000

237.3528, 0.3569,
0.3596

■ 26.7426, 0.4037,
0.3886

■ 26.7426, 0.4037,
0.3886

■ 24.1996, 0.4295,
0.4005

■ 29.5487, 0.3797,
0.3755

■ 21.9067, 0.4564,
0.4100

■ 32.6226, 0.3579,
0.3620

■ 19.8552, 0.4831,
0.4160

■ 35.9738, 0.3385,
0.3487

■ 18.0341, 0.5079,
0.4173

■ 39.6101, 0.3214,
0.3359

■ 16.4305, 0.5293,
0.4133

■ 43.5386, 0.3064,
0.3239

■ 15.7921, 0.5382,
0.4108

■ 47.7666, 0.2934,
0.3127

■ 52.3008, 0.2819,
0.3024

■ 57.1478, 0.2720,
0.2929

■ 62.3139, 0.2633,
0.2842

Harmonies

Analogous

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



26.7426, 0.4082, 0.3523



26.7426, 0.4037, 0.3886



26.7426, 0.3739, 0.4131

Triad

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



26.7426, 0.4037, 0.3886



26.7426, 0.2445, 0.3393



26.7426, 0.2907, 0.2582

Complementary

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



26.7426, 0.4037, 0.3886



22.1846, 0.2405, 0.2595

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.



26.7426, 0.2508, 0.2515



26.7426, 0.4037, 0.3886



26.7426, 0.2258, 0.2937

Square

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



26.7426, 0.4037, 0.3886



26.7426, 0.2816, 0.3860



26.7426, 0.2281, 0.2630



26.7426, 0.3400, 0.2805

Rectangle

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



26.7426, 0.4037, 0.3886



26.7426, 0.3448, 0.4169



26.7426, 0.2281, 0.2630



26.7426, 0.2758, 0.2541

Sweetspot

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



26.7439, 0.4037, 0.3886



65.3042, 0.3360, 0.3469



18.6036, 0.3711, 0.2706



13.9070, 0.3398, 0.3496



86.8899, 0.3127, 0.3290



16.2647, 0.3127, 0.3290

Same Dimension

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



26.7439, 0.4037, 0.3886



43.2011, 0.4304, 0.4008



39.5852, 0.3791, 0.4388



8.6601, 0.3274, 0.3405



11.7148, 0.5366, 0.4121



0.4353, 0.4923, 0.4473

Inverse Universe

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



22.1846, 0.2405, 0.2595



33.9889, 0.2247, 0.2403



13.4090, 0.2282, 0.1893



8.3860, 0.2986, 0.3172



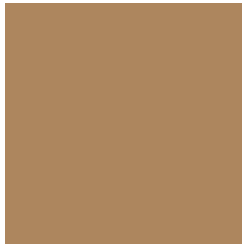
7.1558, 0.1774, 0.1584



0.3088, 0.1929, 0.2145

Previews

White Background



This preview shows how the Yxy color 26.7426, 0.4037, 0.3886 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 26.7426, 0.4037, 0.3886 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

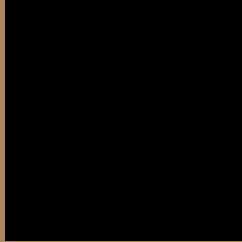
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 26.7426, 0.4037, 0.3886

Background



This preview shows how black text looks on a background with the Yxy color 26.7426, 0.4037, 0.3886.



This preview shows how white text looks on a background with the Yxy color 26.7426, 0.4037, 0.3886.

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

26.7426, 0.4037, 0.3886

Protanopia

26.6851, 0.3723, 0.4003

Deuteranopia

26.6821, 0.3995, 0.3910



Tritanopia

26.6204, 0.3596, 0.3145

Trichromacy



Original Color

26.7426, 0.4037, 0.3886

Protanomaly

26.4951, 0.3834, 0.3953

Deuteranomaly

26.7940, 0.4006, 0.3907

Tritanomaly

26.6005, 0.3769, 0.3410

Monochromacy



Original Color

26.7426, 0.4037, 0.3886

Achromatopsia

26.6356, 0.3127, 0.3290

Achromatomaly

26.4045, 0.3445, 0.3517

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.7426, 0.4037, 0.3886 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(173, 134, 94)` looks like.

```
.text, #text, p{  
    color:rgb(173, 134, 94)  
}
```

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(173, 134, 94) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 134, 94) }
```

Border

The CSS property to change the border of an element to Yxy 26.7426, 0.4037, 0.3886 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(173, 134, 94) }
```

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

```
.border{ border-color:rgb(173, 134, 94) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 134, 94)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 134, 94); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 134, 94);  
box-shadow:4px 4px 4px 4px rgb(173, 134,  
94) }
```


Background

The CSS property to change the background color of an element to Yxy 26.7426, 0.4037, 0.3886 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 134, 94) }
```

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

```
.background{ background-color: rgb(173,  
134, 94) }
```

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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