

Converting Colors

$Yxy(26.3843, 0.3806, 0.3471)$

Have a look what the booklet for
Yxy(26.3843, 0.3806, 0.3471)
contains.

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Color

Yxy(26.3872, 0.3805, 0.3471)

Conversions

Conversions Part 1

Format	Color
Hex	AF8276
RGB	175, 130, 118
RGB Percent	69%, 51%, 46%
CMY	0.3139, 0.4901, 0.5372
CMYK	0.00, 0.26, 0.33, 0.31
HSL	13°, 26%, 57%
HSV	13°, 33%, 69%
XYZ	28.9263, 26.3872, 20.7084
YIQ	142.0870, 30.6720, 5.8080

Conversions

Conversions Part 2

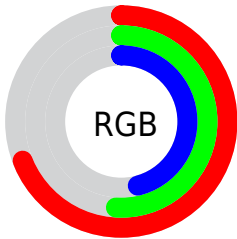
Format	Color
R_{YB}	175, 133, 118
Decimal	11502198
CIE _{Lab}	58.40, 15.62, 13.26
CIE _{LCh}	58, 20.492, 40.338
Yxy	26.3872, 0.3805, 0.3471
Android (android.graphics.Color)	4289692278 (0xFFAF8276)
YUV	142.0870, -11.8749, 28.8647
Hunter-Lab	51.3685, 10.6211, 12.0561

Details

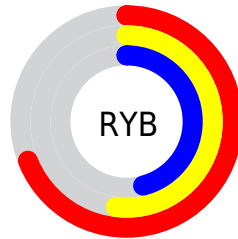
The Yxy color $26.3872, 0.3805, 0.3471$ is a dark color, and the websafe version is hex `CC9999`. A complement of this color would be $33.1221, 0.2648, 0.3100$, and the grayscale version is $27.1253, 0.3127, 0.3290$.

A 20% lighter version of the original color is $53.9251, 0.3665, 0.3439$, and $10.2445, 0.4054, 0.3502$ is the 20% darker color. If you saturate the color by 10%, you get $22.5800, 0.4104, 0.3528$, and if you desaturate by 10%, it is $30.7669, 0.3553, 0.3413$.

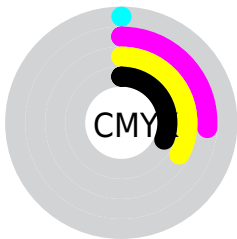
Distribution



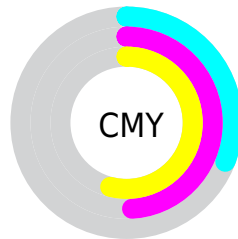
- Red (69%)
- Green (51%)
- Blue (46%)



- Red (69%)
- Yellow (52%)
- Blue (46%)



- Cyan (0%)
- Magenta (26%)
- Yellow (33%)
- Black (31%)





- Cyan (31%)
- Magenta (49%)
- Yellow (54%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 26.3872, 0.3805, 0.3471 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 26.3872, 0.3805, 0.3471 by changing the saturation by 10% instead.


 26.3872, 0.3805,
0.3471

 26.3872, 0.3805,
0.3471


284.6777, 0.3431,
0.3381

 17.1135, 0.3912,
0.3492


 53.8989, 0.3660,
0.3439

 10.3155, 0.4058,
0.3518


 72.9058, 0.3608,
0.3427

 5.6086, 0.4268,
0.3549

 95.9258, 0.3565,
0.3416

 2.6086, 0.4596,
0.3580

123.3435, 0.3530,
0.3407

 0.9310, 0.5687,
0.3950

155.5431, 0.3499,
0.3399

 0.0000, 1.0000,
0.0000

192.9090, 0.3473,

 0.0000, 0.0000,

0.3392

0.0000

235.8258, 0.3451,
0.3386

■ 26.3872, 0.3805,
0.3471

■ 26.3872, 0.3805,
0.3471

■ 22.5800, 0.4104,
0.3528

■ 30.7669, 0.3553,
0.3413

■ 19.3178, 0.4450,
0.3578

■ 35.7376, 0.3342,
0.3356

■ 16.5764, 0.4836,
0.3614

■ 41.3218, 0.3167,
0.3303

■ 14.3282, 0.5241,
0.3627

■ 47.5395, 0.3022,
0.3254

■ 12.5430, 0.5631,
0.3607

■ 54.4099, 0.2901,
0.3209

■ 11.1871, 0.5957,
0.3551

■ 61.9513, 0.2799,
0.3168

■ 10.4277, 0.6150,
0.3499

■ 70.1814, 0.2714,
0.3131

■ 78.9239, 0.2657,
0.3129

■ 87.3851, 0.2675,
0.3281

Harmonies

Analogous

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



26.3872, 0.3636, 0.3186



26.3872, 0.3805, 0.3471



26.3872, 0.3779, 0.3730

Triad

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



26.3872, 0.3805, 0.3471



26.3872, 0.2910, 0.3688



26.3872, 0.2680, 0.2724

Complementary

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



26.3872, 0.3805, 0.3471



33.1221, 0.2648, 0.3100

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.



26.3872, 0.2510, 0.2818



26.3872, 0.3805, 0.3471



26.3872, 0.2636, 0.3370

Square

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



26.3872, 0.3805, 0.3471



26.3872, 0.3252, 0.3884



26.3872, 0.2494, 0.3048



26.3872, 0.2973, 0.2770

Rectangle

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



26.3872, 0.3805, 0.3471



26.3872, 0.3658, 0.3853



26.3872, 0.2494, 0.3048



26.3872, 0.2607, 0.2740

Sweetspot

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



26.3884, 0.3805, 0.3471



66.3165, 0.3297, 0.3343



24.7323, 0.3291, 0.2642



14.4446, 0.3323, 0.3351



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.



26.3884, 0.3805, 0.3471



42.3221, 0.4013, 0.3512



34.8301, 0.3679, 0.3866



8.2790, 0.3281, 0.3338



7.5458, 0.6132, 0.3513



0.2867, 0.5580, 0.3952

Inverse Universe

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



33.1221, 0.2648, 0.3100



56.2316, 0.2552, 0.3051



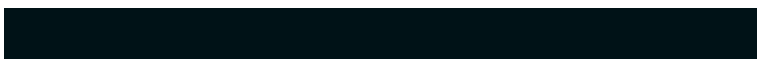
24.2989, 0.2592, 0.2637



8.7809, 0.2986, 0.3241



15.3417, 0.2058, 0.2609



0.4978, 0.2122, 0.2837

Previews

White Background



This preview shows how the Yxy color 26.3872, 0.3805, 0.3471 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 26.3872, 0.3805, 0.3471 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

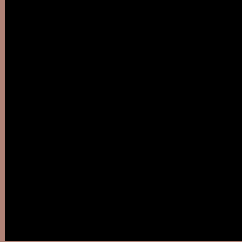
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 26.3872, 0.3805, 0.3471

Background



This preview shows how black text looks on a background with the Yxy color 26.3872, 0.3805, 0.3471.



This preview shows how white text looks on a background with the Yxy color 26.3872, 0.3805, 0.3471.

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

26.3872, 0.3805, 0.3471

Protanopia

26.3893, 0.3381, 0.3571

Deuteranopia

26.3988, 0.3652, 0.3573



Tritanopia

26.3320, 0.3611, 0.3145

Trichromacy



Original Color

26.3872, 0.3805, 0.3471

Protanomaly

26.1569, 0.3532, 0.3531

Deuteranomaly

26.2749, 0.3708, 0.3538

Tritanomaly

26.2802, 0.3681, 0.3262

Monochromacy



Original Color

26.3872, 0.3805, 0.3471

Achromatopsia

27.0498, 0.3127, 0.3290

Achromatomaly

26.7404, 0.3359, 0.3371

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.3872, 0.3805, 0.3471 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(175, 130, 118)` looks like.

```
.text, #text, p{  
    color:rgb(175, 130, 118)  
}
```

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(175, 130, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 130, 118) }
```

Border

The CSS property to change the border of an element to Yxy 26.3872, 0.3805, 0.3471 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(175, 130, 118) }
```

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

```
.border{ border-color:rgb(175, 130, 118) }
```

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

Here you see how a box with a 4 pixel `rgb(175, 130, 118)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 130, 118); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 130, 118);  
box-shadow:4px 4px 4px 4px rgb(175, 130,  
118) }
```


Background

The CSS property to change the background color of an element to Yxy 26.3872, 0.3805, 0.3471 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 130, 118) }
```

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

```
.background{ background-color: rgb(175,  
130, 118) }
```

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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