

Converting Colors

$Y_{xy}(26.8437, 0.3831, 0.3768)$

Have a look what the booklet for
Yxy(26.8437, 0.3831, 0.3768)
contains.

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Color

Yxy(26.8437, 0.3831, 0.3768)

Conversions

Conversions Part 1

Format	Color
Hex	A78869
RGB	167, 136, 105
RGB Percent	65%, 53%, 41%
CMY	0.3450, 0.4667, 0.5883
CMYK	0.00, 0.19, 0.37, 0.35
HSL	30°, 26%, 53%
HSV	30°, 37%, 65%
XYZ	27.2925, 26.8437, 17.1050
YIQ	141.7350, 28.4270, -3.0690

Conversions

Conversions Part 2

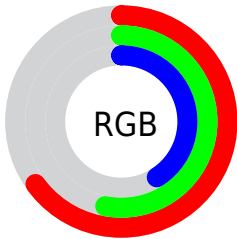
Format	Color
RYB	167, 167, 105
Decimal	10979433
CIELab	58.83, 7.33, 21.10
CIElCh	59, 22.336, 70.853
Yxy	26.8437, 0.3831, 0.3768
Android (android.graphics.Color)	4289169513 (0xFFA78869)
YUV	141.7350, -18.1104, 22.1574
Hunter-Lab	51.8109, 3.3597, 16.6934

Details

The Yxy color $26.8437, 0.3831, 0.3768$ is a dark color, and the websafe version is hex $CC9966$. A complement of this color would be $23.4046, 0.2543, 0.2755$, and the grayscale version is $27.0054, 0.3127, 0.3290$.

A 20% lighter version of the original color is $54.4835, 0.3686, 0.3676$, and $10.5284, 0.4098, 0.3920$ is the 20% darker color. If you saturate the color by 10%, you get $24.2729, 0.4075, 0.3896$, and if you desaturate by 10%, it is $29.6678, 0.3610, 0.3635$.

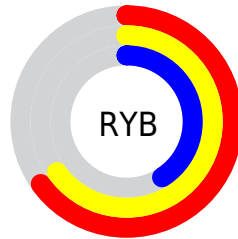
Distribution



Red (65%)

Green (53%)

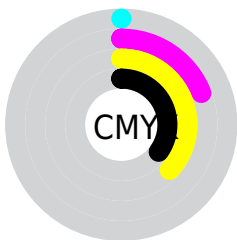
Blue (41%)



Red (65%)

Yellow (65%)

Blue (41%)

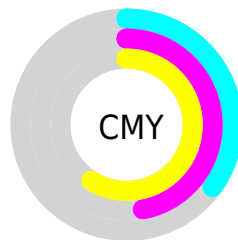


Cyan (0%)

Magenta (19%)

Yellow (37%)

Black (35%)



Cyan (35%)


Magenta (47%)


Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 26.8437, 0.3831, 0.3768 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 26.8437, 0.3831, 0.3768 by changing the saturation by 10% instead.


 26.8437, 0.3831,
0.3768


 26.8437, 0.3831,
0.3768


286.8995, 0.3446,
0.3516


 17.4559, 0.3938,
0.3834

 54.6330, 0.3683,
0.3674


 10.5600, 0.4082,
0.3919


 73.8032, 0.3630,
0.3639

 5.7718, 0.4283,
0.4030

 97.0030, 0.3586,
0.3610

 2.7068, 0.4588,
0.4184

 124.6167, 0.3549,
0.3586

 0.9807, 0.5369,
0.4631

157.0289, 0.3518,
0.3565

 0.0000, 1.0000,
0.0000

194.6238, 0.3491,

 0.0000, 0.0000,

0.3546

0.0000

237.7859, 0.3467,
0.3530

■ 26.8437, 0.3831,
0.3768

■ 26.8437, 0.3831,
0.3768

■ 24.2729, 0.4075,
0.3896

■ 29.6678, 0.3610,
0.3635

■ 21.9435, 0.4336,
0.4010

■ 32.7492, 0.3412,
0.3503

■ 19.8481, 0.4608,
0.4100

■ 36.0963, 0.3238,
0.3376

■ 17.9774, 0.4875,
0.4153

■ 39.7162, 0.3086,
0.3257

■ 16.3208, 0.5122,
0.4158

■ 43.6153, 0.2952,
0.3145

■ 14.8649, 0.5336,
0.4113

■ 47.8003, 0.2836,
0.3042

■ 14.4795, 0.5396,
0.4097

■ 52.2771, 0.2735,
0.2948

■ 57.0518, 0.2646,
0.2861

■ 62.1104, 0.2571,
0.2785

Harmonies

Analogous

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



26.8437, 0.3864, 0.3488



26.8437, 0.3831, 0.3768



26.8437, 0.3603, 0.3943

Triad

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



26.8437, 0.3831, 0.3768



26.8437, 0.2592, 0.3369



26.8437, 0.2966, 0.2732

Complementary

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



26.8437, 0.3831, 0.3768



23.4046, 0.2543, 0.2755

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.



26.8437, 0.2648, 0.2679



26.8437, 0.3831, 0.3768



26.8437, 0.2443, 0.3020

Square

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



26.8437, 0.3831, 0.3768



26.8437, 0.2885, 0.3718



26.8437, 0.2463, 0.2776



26.8437, 0.3347, 0.2912

Rectangle

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



26.8437, 0.3831, 0.3768



26.8437, 0.3378, 0.3961



26.8437, 0.2463, 0.2776



26.8437, 0.2848, 0.2699

Sweetspot

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



26.8450, 0.3831, 0.3768



62.1392, 0.3306, 0.3427



20.1261, 0.3550, 0.2801



13.7316, 0.3329, 0.3444



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.



26.8450, 0.3831, 0.3768



44.0454, 0.4041, 0.3880



36.5033, 0.3678, 0.4179



8.1387, 0.3274, 0.3403



11.1756, 0.5382, 0.4109



0.3743, 0.4894, 0.4496

Inverse Universe

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



23.4046, 0.2543, 0.2755



36.9355, 0.2406, 0.2603



16.1068, 0.2467, 0.2213



7.8971, 0.2987, 0.3174



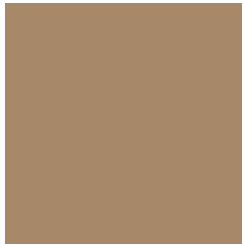
7.0277, 0.1780, 0.1607



0.2734, 0.1949, 0.2214

Previews

White Background



This preview shows how the Yxy color 26.8437, 0.3831, 0.3768 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 26.8437, 0.3831, 0.3768 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

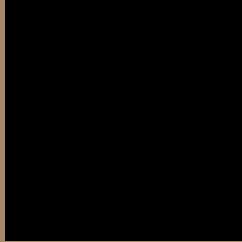
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 26.8437, 0.3831, 0.3768

Background



This preview shows how black text looks on a background with the Yxy color 26.8437, 0.3831, 0.3768.



This preview shows how white text looks on a background with the Yxy color 26.8437, 0.3831, 0.3768.

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

26.8437, 0.3831, 0.3768

Protanopia

27.0829, 0.3602, 0.3860

Deuteranopia

26.8437, 0.3831, 0.3768



Tritanopia

26.8136, 0.3482, 0.3142

Trichromacy



Original Color

26.8437, 0.3831, 0.3768

Protanomaly

26.9649, 0.3681, 0.3834

Deuteranomaly

26.8437, 0.3831, 0.3768

Tritanomaly

26.8796, 0.3615, 0.3367

Monochromacy



Original Color

26.8437, 0.3831, 0.3768

Achromatopsia

27.0498, 0.3127, 0.3290

Achromatomaly

26.9205, 0.3363, 0.3469

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.8437, 0.3831, 0.3768 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, 136, 105)` looks like.

```
.text, #text, p{  
    color:rgb(167, 136, 105)  
}
```

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, 136, 105) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 136, 105) }
```

Border

The CSS property to change the border of an element to Yxy 26.8437, 0.3831, 0.3768 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, 136, 105) }
```

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

```
.border{ border-color:rgb(167, 136, 105) }
```

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

Here you see how a box with a 4 pixel `rgb(167, 136, 105)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(167, 136, 105); -webkit-box-  
shadow:4px 4px 4px 4px rgb(167, 136, 105);  
box-shadow:4px 4px 4px 4px rgb(167, 136,  
105) }
```


Background

The CSS property to change the background color of an element to Yxy 26.8437, 0.3831, 0.3768 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 136, 105) }
```

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

```
.background{ background-color: rgb(167,  
136, 105) }
```

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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