

Converting Colors

$Y_{xy}(28.0261, 0.3833, 0.3751)$

Have a look what the booklet for
Yxy(28.0261, 0.3833, 0.3751)
contains.

Yxy(27.9176, 0.3834, 0.3743)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(27.9176, 0.3834, 0.3743)

Conversions

Conversions Part 1

Format	Color
Hex	AB8A6C
RGB	171, 138, 108
RGB Percent	67%, 54%, 42%
CMY	0.3293, 0.4589, 0.5764
CMYK	0.00, 0.19, 0.37, 0.33
HSL	29°, 27%, 55%
HSV	29°, 37%, 67%
XYZ	28.5963, 27.9176, 18.0722
YIQ	144.4470, 29.2980, -2.3340

Conversions

Conversions Part 2

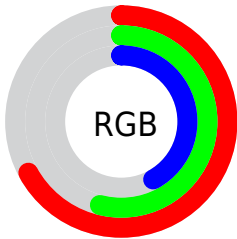
Format	Color
R _Y B	171, 165, 108
Decimal	11242092
CIE Lab	59.81, 8.25, 20.80
CIE LCh	60, 22.379, 68.361
Yxy	27.9176, 0.3834, 0.3743
Android (android.graphics.Color)	4289432172 (0xFFAB8A6C)
YUV	144.4470, -17.9684, 23.2870
Hunter-Lab	52.8371, 4.1423, 16.7066

Details

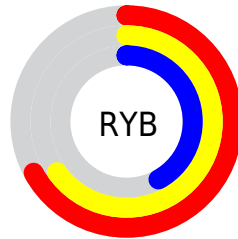
The Yxy color $27.9176, 0.3834, 0.3743$ is a dark color, and the websafe version is hex `CC9966`. A complement of this color would be $25.1985, 0.2551, 0.2785$, and the grayscale version is $28.1469, 0.3127, 0.3290$.

A 20% lighter version of the original color is $56.1306, 0.3681, 0.3647$, and $11.0876, 0.4080, 0.3886$ is the 20% darker color. If you saturate the color by 10%, you get $25.1217, 0.4084, 0.3866$, and if you desaturate by 10%, it is $31.0001, 0.3609, 0.3616$.

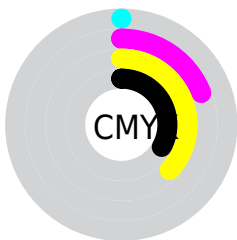
Distribution



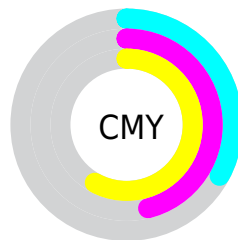
- Red (67%)
- Green (54%)
- Blue (42%)



- Red (67%)
- Yellow (65%)
- Blue (42%)



- Cyan (0%)
- Magenta (19%)
- Yellow (37%)
- Black (33%)





- Cyan (33%)
- Magenta (46%)
- Yellow (58%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 27.9176, 0.3834, 0.3743 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 27.9176, 0.3834, 0.3743 by changing the saturation by 10% instead.

 27.9176, 0.3834,
0.3743


 27.9176, 0.3834,
0.3743


292.0730, 0.3450,
0.3507


 18.2636, 0.3940,
0.3804


 56.3529, 0.3687,
0.3655


 11.1394, 0.4083,
0.3882


 75.9029, 0.3634,
0.3623

 6.1607, 0.4282,
0.3984

 99.5203, 0.3590,
0.3596

 2.9430, 0.4575,
0.4118

 127.5896, 0.3553,
0.3572

 1.1021, 0.5409,
0.4591

160.4951, 0.3521,
0.3553

 0.0000, 1.0000,
0.0000

198.6212, 0.3494,

 0.0000, 0.0000,

0.3535

0.0000

242.3524, 0.3470,
0.3520

■ 27.9176, 0.3834,
0.3743

■ 27.9176, 0.3834,
0.3743

■ 25.1217, 0.4084,
0.3866

■ 31.0001, 0.3609,
0.3616

■ 22.5993, 0.4354,
0.3975

■ 34.3740, 0.3409,
0.3490

■ 20.3415, 0.4636,
0.4060

■ 38.0491, 0.3234,
0.3369


■ 18.3378, 0.4916,
0.4108


■ 42.0332, 0.3081,
0.3255


■ 16.5762, 0.5176,
0.4109


■ 46.3341, 0.2949,
0.3149

 15.0420, 0.5401,
0.4059

 50.9591, 0.2833,
0.3051

 14.5990, 0.5470,
0.4039

 55.9153, 0.2733,
0.2962

 61.2094, 0.2646,
0.2880

 66.3927, 0.2605,
0.2877

Harmonies

Analogous

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



27.9176, 0.3849, 0.3461



27.9176, 0.3834, 0.3743



27.9176, 0.3622, 0.3927

Triad

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



27.9176, 0.3834, 0.3743



27.9176, 0.2617, 0.3399



27.9176, 0.2938, 0.2728

Complementary

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



27.9176, 0.3834, 0.3743



25.1985, 0.2551, 0.2785

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.



27.9176, 0.2632, 0.2688



27.9176, 0.3834, 0.3743



27.9176, 0.2456, 0.3049

Square

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



27.9176, 0.3834, 0.3743



27.9176, 0.2916, 0.3737



27.9176, 0.2462, 0.2796



27.9176, 0.3313, 0.2897

Rectangle

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



27.9176, 0.3834, 0.3743



27.9176, 0.3405, 0.3956



27.9176, 0.2462, 0.2796



27.9176, 0.2824, 0.2699

Sweetspot

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



27.9189, 0.3834, 0.3743



65.1848, 0.3307, 0.3421



21.3318, 0.3533, 0.2789



14.3445, 0.3330, 0.3437



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.



27.9189, 0.3834, 0.3743



45.9661, 0.4030, 0.3841



38.0973, 0.3679, 0.4161



8.6201, 0.3275, 0.3398



11.1046, 0.5454, 0.4051



0.4190, 0.4978, 0.4429

Inverse Universe

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



25.1985, 0.2551, 0.2785



40.3931, 0.2426, 0.2654



17.3072, 0.2474, 0.2239



8.4261, 0.2986, 0.3179



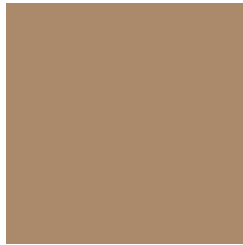
7.7929, 0.1802, 0.1686



0.3254, 0.1950, 0.2218

Previews

White Background



This preview shows how the Yxy color 27.9176, 0.3834, 0.3743 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 27.9176, 0.3834, 0.3743 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

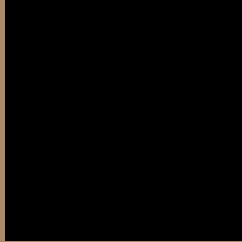
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 27.9176, 0.3834, 0.3743

Background



This preview shows how black text looks on a background with the Yxy color 27.9176, 0.3834, 0.3743.



This preview shows how white text looks on a background with the Yxy color 27.9176, 0.3834, 0.3743.

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

27.9176, 0.3834, 0.3743

Protanopia

27.9642, 0.3575, 0.3821

Deuteranopia

27.8057, 0.3822, 0.3746



Tritanopia

27.8722, 0.3501, 0.3145

Trichromacy



Original Color

27.9176, 0.3834, 0.3743

Protanomaly

27.9454, 0.3664, 0.3794

Deuteranomaly

27.8057, 0.3822, 0.3746

Tritanomaly

27.9383, 0.3632, 0.3366

Monochromacy



Original Color

27.9176, 0.3834, 0.3743

Achromatopsia

27.8894, 0.3127, 0.3290

Achromatomaly

27.8547, 0.3371, 0.3466

CSS Examples

Text

The CSS property to change the color of the text to Yxy 27.9176, 0.3834, 0.3743 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(171, 138, 108)` looks like.

```
.text, #text, p{  
    color:rgb(171, 138, 108)  
}
```

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(171, 138, 108) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 138, 108) }
```

Border

The CSS property to change the border of an element to Yxy 27.9176, 0.3834, 0.3743 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(171, 138, 108) }
```

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

```
.border{ border-color:rgb(171, 138, 108) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 138, 108)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 138, 108); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 138, 108);  
box-shadow:4px 4px 4px 4px rgb(171, 138,  
108) }
```


Background

The CSS property to change the background color of an element to Yxy 27.9176, 0.3834, 0.3743 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 138, 108) }
```

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

```
.background{ background-color: rgb(171,  
138, 108) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor