

Converting Colors

$Yxy(33.3243, 0.3592, 0.3843)$

Have a look what the booklet for
Yxy(33.3243, 0.3592, 0.3843)
contains.

Yxy(33.3243, 0.3592, 0.3843)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(33.3243, 0.3592, 0.3843)

Conversions

Conversions Part 1

Format	Color
Hex	A79C77
RGB	167, 156, 119
RGB Percent	65%, 61%, 47%
CMY	0.3453, 0.3882, 0.5333
CMYK	0.00, 0.07, 0.29, 0.35
HSL	46°, 21%, 56%
HSV	46°, 29%, 65%
XYZ	31.1478, 33.3243, 22.2422
YIQ	155.0710, 18.4330, -9.1750

Conversions

Conversions Part 2

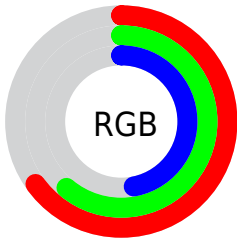
Format	Color
RYB	133, 167, 119
Decimal	10984567
CIELab	64.42, -1.93, 20.87
CIElCh	64, 20.960, 95.282
Yxy	33.3243, 0.3592, 0.3843
Android (android.graphics.Color)	4289174647 (0xFFA79C77)
YUV	155.0710, -17.7830, 10.4617
Hunter-Lab	57.7272, -4.7097, 17.5647

Details

The Yxy color **33.3243, 0.3592, 0.3843** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **22.6589, 0.2655, 0.2668**, and the grayscale version is **32.8840, 0.3127, 0.3290**.

A 20% lighter version of the original color is **64.7214, 0.3509, 0.3733**, and **14.1228, 0.3737, 0.4029** is the 20% darker color. If you saturate the color by 10%, you get **31.7009, 0.3771, 0.4038**, and if you desaturate by 10%, it is **35.0613, 0.3420, 0.3646**.

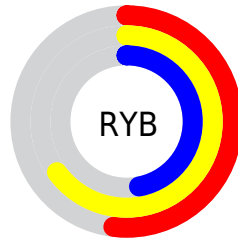
Distribution



Red (65%)

Green (61%)

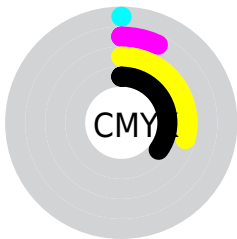
Blue (47%)



Red (52%)

Yellow (65%)

Blue (47%)

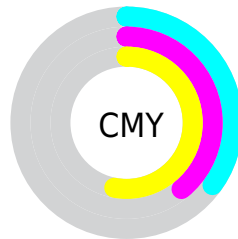


Cyan (0%)

Magenta (7%)

Yellow (29%)

Black (35%)



Cyan (35%)


Magenta (39%)

Yellow (53%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 33.3243, 0.3592, 0.3843 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 33.3243, 0.3592, 0.3843 by changing the saturation by 10% instead.


 33.3243, 0.3592,
0.3843


 33.3243, 0.3592,
0.3843


317.1085, 0.3349,
0.3551

 22.3750, 0.3656,
0.3920


 64.8815, 0.3501,
0.3734

 14.1327, 0.3739,
0.4022


 86.2582, 0.3468,
0.3693

 8.2130, 0.3851,
0.4161


 111.8795, 0.3440,
0.3660

 4.2316, 0.4008,
0.4360

142.1298, 0.3416,
0.3632

 1.8039, 0.4405,
0.4845

177.3934, 0.3396,
0.3607

 0.4896, 0.4607,
0.5393

218.0548, 0.3378,

 0.0000, 0.0000,

0.3586

0.0000

264.4984, 0.3363,
0.3568

■ 33.3243, 0.3592,
0.3843

■ 33.3243, 0.3592,
0.3843

■ 31.7009, 0.3771,
0.4038

■ 35.0613, 0.3420,
0.3646

■ 30.1825, 0.3951,
0.4222

■ 36.9111, 0.3259,
0.3453

■ 28.7662, 0.4127,
0.4387

■ 38.8788, 0.3109,
0.3267

■ 27.4472, 0.4291,
0.4522

■ 40.9677, 0.2972,
0.3092

■ 26.2200, 0.4436,
0.4619

■ 43.1810, 0.2847,
0.2928

■ 25.0785, 0.4554,
0.4671

■ 45.5218, 0.2735,
0.2777

■ 24.0111, 0.4648,
0.4682

■ 47.9930, 0.2634,
0.2638

■ 23.8784, 0.4659,
0.4682

■ 50.5974, 0.2544,
0.2511

■ 52.3849, 0.2537,
0.2533

Harmonies

Analogous

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



33.3243, 0.3761, 0.3672



33.3243, 0.3592, 0.3843



33.3243, 0.3301, 0.3864

Triad

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



33.3243, 0.3592, 0.3843



33.3243, 0.2539, 0.3109



33.3243, 0.3258, 0.2920

Complementary

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



33.3243, 0.3592, 0.3843



22.6589, 0.2655, 0.2668

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.



33.3243, 0.2929, 0.2780



33.3243, 0.3592, 0.3843



33.3243, 0.2528, 0.2872

Square

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



33.3243, 0.3592, 0.3843



33.3243, 0.2698, 0.3420



33.3243, 0.2666, 0.2759



33.3243, 0.3566, 0.3148

Rectangle

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



33.3243, 0.3592, 0.3843



33.3243, 0.3082, 0.3778



33.3243, 0.2666, 0.2759



33.3243, 0.3146, 0.2862

Sweetspot

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



33.3258, 0.3592, 0.3843



65.9930, 0.3265, 0.3461



23.0208, 0.3599, 0.3119



14.6610, 0.3288, 0.3488



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.



33.3258, 0.3592, 0.3843



57.9791, 0.3697, 0.3958



35.8405, 0.3423, 0.4022



8.4793, 0.3267, 0.3463



18.3582, 0.4654, 0.4687



0.5161, 0.4475, 0.4829

Inverse Universe

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



22.6589, 0.2655, 0.2668



35.9361, 0.2547, 0.2516



20.8700, 0.2768, 0.2506



7.5679, 0.2986, 0.3111



3.2640, 0.1576, 0.0871



0.1530, 0.1744, 0.1479

Previews

White Background



This preview shows how the Yxy color 33.3243, 0.3592, 0.3843 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 33.3243, 0.3592, 0.3843 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

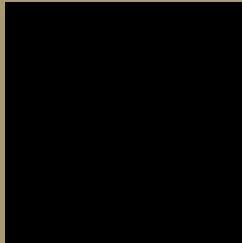
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

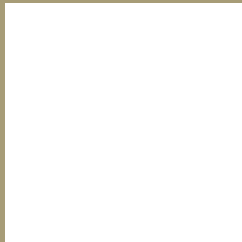
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 33.3243, 0.3592, 0.3843

Background



This preview shows how black text looks on a background with the Yxy color 33.3243, 0.3592, 0.3843.



This preview shows how white text looks on a background with the Yxy color 33.3243, 0.3592, 0.3843.

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

33.3243, 0.3592, 0.3843

Protanopia

33.3243, 0.3592, 0.3843

Deuteranopia

33.2360, 0.3781, 0.3715



Tritanopia

33.1920, 0.3237, 0.3119

Trichromacy



Original Color

33.3243, 0.3592, 0.3843

Protanomaly

33.3243, 0.3592, 0.3843

Deuteranomaly

33.1597, 0.3707, 0.3753

Tritanomaly

33.0778, 0.3370, 0.3378

Monochromacy



Original Color

33.3243, 0.3592, 0.3843

Achromatopsia

32.7778, 0.3127, 0.3290

Achromatomaly

32.7666, 0.3289, 0.3487

CSS Examples

Text

The CSS property to change the color of the text to Yxy 33.3243, 0.3592, 0.3843 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, 156, 119)` looks like.

```
.text, #text, p{  
    color:rgb(167, 156, 119)  
}
```

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, 156, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 156, 119) }
```

Border

The CSS property to change the border of an element to Yxy 33.3243, 0.3592, 0.3843 is called "border". The border property can be set on classes, ids or directly on the HTML element.

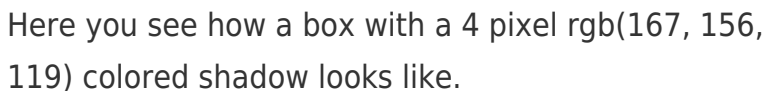
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(167, 156, 119) }
```

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

```
.border{ border-color:rgb(167, 156, 119) }
```

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



Here you see how a box with a 4 pixel `rgb(167, 156, 119)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(167, 156, 119); -webkit-box-shadow:4px 4px 4px 4px rgb(167, 156, 119); box-shadow:4px 4px 4px 4px rgb(167, 156, 119) }
```


Background

The CSS property to change the background color of an element to Yxy 33.3243, 0.3592, 0.3843 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 156, 119) }
```

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

```
.background{ background-color: rgb(167,  
156, 119) }
```

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