

Converting Colors

Yxy(39.4179, 0.3220, 0.3546)

Have a look what the booklet for
Yxy(39.4179, 0.3220, 0.3546)
contains.

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Color

Yxy(39.4251, 0.3225, 0.3548)

Conversions

Conversions Part 1

Format	Color
Hex	A5AB99
RGB	165, 171, 153
RGB Percent	65%, 67%, 60%
CMY	0.3528, 0.3294, 0.4000
CMYK	0.03, 0.00, 0.11, 0.33
HSL	80°, 10%, 64%
HSV	80°, 11%, 67%
XYZ	35.8359, 39.4251, 35.8582
YIQ	167.1540, 2.2020, -6.8700

Conversions

Conversions Part 2

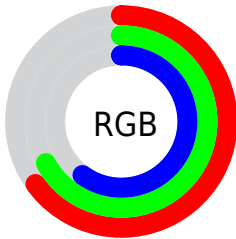
Format	Color
RYB	153, 171, 159
Decimal	10857369
CIELab	69.06, -5.42, 8.54
CIELCh	69, 10.111, 122.393
Yxy	39.4251, 0.3225, 0.3548
Android (android.graphics.Color)	4289047449 (0xFFA5AB99)
YUV	167.1540, -6.9779, -1.8891
Hunter-Lab	62.7894, -8.0057, 10.0929

Details

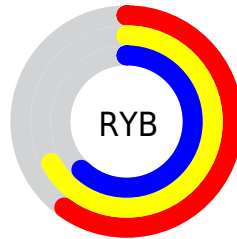
The Yxy color **39.4251, 0.3225, 0.3548** is a light color, and the websafe version is hex **999999**. A complement of this color would be **33.0892, 0.3022, 0.3028**, and the grayscale version is **38.7600, 0.3127, 0.3290**.

A 20% lighter version of the original color is **74.1134, 0.3209, 0.3499**, and **17.6637, 0.3251, 0.3633** is the 20% darker color. If you saturate the color by 10%, you get **38.3082, 0.3318, 0.3809**, and if you desaturate by 10%, it is **40.6533, 0.3132, 0.3302**.

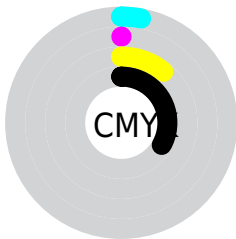
Distribution



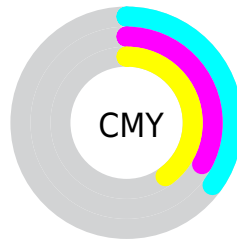
- Red (65%)
- Green (67%)
- Blue (60%)



- Red (60%)
- Yellow (67%)
- Blue (62%)



- Cyan (3%)
- Magenta (0%)
- Yellow (11%)
- Black (33%)



- Cyan (35%)
- Magenta (33%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 39.4251, 0.3225, 0.3548 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 39.4251, 0.3225, 0.3548 by changing the saturation by 10% instead.

■ 39.4251, 0.3225,
0.3548

■ 39.4251, 0.3225,
0.3548

■ 343.6945, 0.3175,
0.3414

■ 27.0906, 0.3238,
0.3583

■ 74.2873, 0.3207,
0.3498

■ 17.6413, 0.3254,
0.3630

■ 97.5837, 0.3200,
0.3480

■ 10.6927, 0.3276,
0.3693

■ 125.3030, 0.3194,
0.3464

■ 5.8606, 0.3306,
0.3786

■ 157.8294, 0.3189,
0.3451

■ 2.7605, 0.3352,
0.3935

■ 195.5473, 0.3185,
0.3440

■ 1.0080, 0.3532,
0.4338

■ 238.8412, 0.3182,

■ 0.0000, 0.0000,

0.3430

0.0000

288.0955, 0.3178,
0.3422

■ 39.4251, 0.3225,
0.3548

■ 39.4251, 0.3225,
0.3548

■ 38.3082, 0.3318,
0.3809

■ 40.6533, 0.3132,
0.3302

■ 37.2936, 0.3409,
0.4080

■ 41.9911, 0.3041,
0.3075

■ 36.3790, 0.3492,
0.4355

■ 43.4437, 0.2955,
0.2866

■ 35.5601, 0.3564,
0.4624

■ 45.0142, 0.2874,
0.2677

■ 34.8323, 0.3620,
0.4875

■ 46.7058, 0.2798,
0.2506

■ 34.1902, 0.3655,
0.5097

■ 48.4829, 0.2731,
0.2358

■ 33.6280, 0.3667,
0.5278

■ 49.2711, 0.2773,
0.2368

■ 33.1389, 0.3654,
0.5412

■ 50.0883, 0.2816,
0.2379

■ 32.7290, 0.3625,
0.5504

■ 50.9350, 0.2859,
0.2390

Harmonies

Analogous

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



39.4251, 0.3352, 0.3538



39.4251, 0.3225, 0.3548



39.4251, 0.3075, 0.3484

Triad

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



39.4251, 0.3225, 0.3548



39.4251, 0.2844, 0.3110



39.4251, 0.3315, 0.3215

Complementary

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



39.4251, 0.3225, 0.3548



33.0892, 0.3022, 0.3028

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.



39.4251, 0.3175, 0.3107



39.4251, 0.3225, 0.3548



39.4251, 0.2905, 0.3046

Square

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



39.4251, 0.3225, 0.3548



39.4251, 0.2857, 0.3226



39.4251, 0.3025, 0.3046



39.4251, 0.3405, 0.3343

Rectangle

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



39.4251, 0.3225, 0.3548



39.4251, 0.2981, 0.3408



39.4251, 0.3025, 0.3046



39.4251, 0.3272, 0.3175

Sweetspot

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



39.4268, 0.3225, 0.3548



72.2400, 0.3155, 0.3363



35.6499, 0.3300, 0.3372



16.0702, 0.3163, 0.3382



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.



39.4268, 0.3225, 0.3548



70.0566, 0.3250, 0.3617



38.5210, 0.3145, 0.3554



9.1955, 0.3214, 0.3517



24.7047, 0.3630, 0.5499



0.7154, 0.3807, 0.5359

Inverse Universe

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



33.0892, 0.3022, 0.3028



56.0435, 0.2993, 0.2956



34.0143, 0.3107, 0.3034



7.8811, 0.3035, 0.3059



2.8889, 0.1756, 0.0741



0.1107, 0.2119, 0.0941

Previews

White Background



This preview shows how the Yxy color 39.4251, 0.3225, 0.3548 looks on a white background.

Color Contrast Check

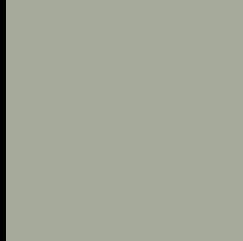
Large Text (above 18pt) WCAG AA × Fail

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 39.4251, 0.3225, 0.3548 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

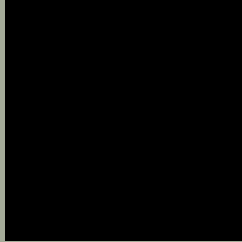
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

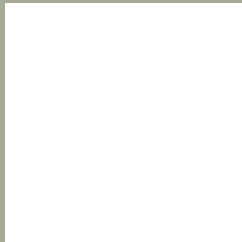
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 39.4251, 0.3225, 0.3548

Background



This preview shows how black text looks on a background with the Yxy color 39.4251, 0.3225, 0.3548.



This preview shows how white text looks on a background with the Yxy color 39.4251, 0.3225, 0.3548.

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

39.4251, 0.3225, 0.3548

Protanopia

39.3536, 0.3341, 0.3528

Deuteranopia

39.1544, 0.3464, 0.3385



Tritanopia

39.3677, 0.3036, 0.3111

Trichromacy



Original Color

39.4251, 0.3225, 0.3548

Protanomaly

39.3009, 0.3293, 0.3531

Deuteranomaly

39.0671, 0.3378, 0.3442

Tritanomaly

39.2324, 0.3110, 0.3262

Monochromacy



Original Color

39.4251, 0.3225, 0.3548

Achromatopsia

38.6429, 0.3127, 0.3290

Achromatomaly

38.7209, 0.3160, 0.3375

CSS Examples

Text

The CSS property to change the color of the text to Yxy 39.4251, 0.3225, 0.3548 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(165, 171, 153)` looks like.

```
.text, #text, p{  
    color:rgb(165, 171, 153)  
}
```

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(165, 171, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 171, 153) }
```

Border

The CSS property to change the border of an element to Yxy 39.4251, 0.3225, 0.3548 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(165, 171, 153) }
```

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

```
.border{ border-color:rgb(165, 171, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(165, 171, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 171, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 171, 153);  
box-shadow:4px 4px 4px 4px rgb(165, 171,  
153) }
```


Background

The CSS property to change the background color of an element to Yxy 39.4251, 0.3225, 0.3548 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 171, 153) }
```

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

```
.background{ background-color: rgb(165,  
171, 153) }
```

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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