

Converting Colors

$Yxy(39.2793, 0.3302, 0.3693)$

Have a look what the booklet for
Yxy(39.2793, 0.3302, 0.3693)
contains.

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Color

Yxy(39.1388, 0.3302, 0.3680)

Conversions

Conversions Part 1

Format	Color
Hex	A5AB90
RGB	165, 171, 144
RGB Percent	65%, 67%, 56%
CMY	0.3529, 0.3294, 0.4352
CMYK	0.03, 0.00, 0.16, 0.33
HSL	73°, 14%, 62%
HSV	73°, 16%, 67%
XYZ	35.1186, 39.1388, 32.0981
YIQ	166.1280, 5.0910, -9.6690

Conversions

Conversions Part 2

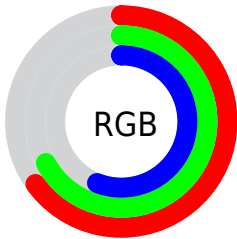
Format	Color
RYB	144, 171, 150
Decimal	10857360
CIELab	68.85, -6.95, 13.19
CIElCh	69, 14.909, 117.800
Yxy	39.1388, 0.3302, 0.3680
Android (android.graphics.Color)	4289047440 (0xFFA5AB90)
YUV	166.1280, -10.9091, -0.9893
Hunter-Lab	62.5610, -9.2810, 13.3729

Details

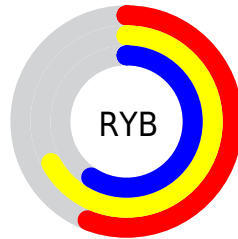
The Yxy color **39.1388, 0.3302, 0.3680** is a light color, and the websafe version is hex **999966**. A complement of this color would be **29.3778, 0.2935, 0.2883**, and the grayscale version is **38.2532, 0.3127, 0.3290**.

A 20% lighter version of the original color is **73.6856, 0.3268, 0.3599**, and **17.5125, 0.3347, 0.3799** is the 20% darker color. If you saturate the color by 10%, you get **38.2562, 0.3413, 0.3941**, and if you desaturate by 10%, it is **40.1161, 0.3191, 0.3429**.

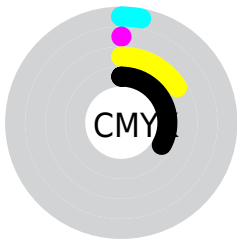
Distribution



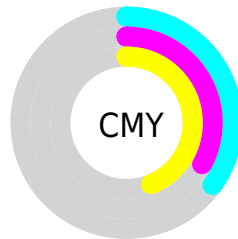
- Red (65%)
- Green (67%)
- Blue (56%)



- Red (56%)
- Yellow (67%)
- Blue (59%)



- Cyan (3%)
- Magenta (0%)
- Yellow (16%)
- Black (33%)





- Cyan (35%)
- Magenta (33%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 39.1388, 0.3302, 0.3680 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 39.1388, 0.3302, 0.3680 by changing the saturation by 10% instead.


 39.1388, 0.3302,
0.3680


 39.1388, 0.3302,
0.3680

342.4802, 0.3214,
0.3476

 26.8677, 0.3324,
0.3734


 73.8503, 0.3270,
0.3604

 17.4739, 0.3353,
0.3804


 97.0595, 0.3258,
0.3576

 10.5729, 0.3391,
0.3902


124.6836, 0.3247,
0.3553

 5.7805, 0.3444,
0.4044

157.1069, 0.3239,
0.3533

 2.7120, 0.3520,
0.4269

194.7138, 0.3231,
0.3516

 0.9833, 0.4030,
0.5203

237.8887, 0.3225,

 0.0000, 0.0000,

0.3501

0.0000

287.0161, 0.3219,
0.3488

■ 39.1388, 0.3302,
0.3680

■ 39.1388, 0.3302,
0.3680

■ 38.2562, 0.3413,
0.3941

■ 40.1161, 0.3191,
0.3429

■ 37.4595, 0.3520,
0.4204

■ 41.1863, 0.3082,
0.3192

■ 36.7464, 0.3617,
0.4462

■ 42.3544, 0.2977,
0.2971

■ 36.1128, 0.3701,
0.4704

■ 43.6235, 0.2879,
0.2768

■ 35.5538, 0.3765,
0.4920

■ 44.9965, 0.2787,
0.2583

■ 35.0643, 0.3807,
0.5099

■ 46.4763, 0.2702,
0.2416

■ 34.6383, 0.3823,
0.5235

■ 47.4908, 0.2676,
0.2344

■ 34.2678, 0.3815,
0.5326

■ 47.9902, 0.2704,
0.2351

■ 34.1205, 0.3809,
0.5358

■ 48.5023, 0.2732,
0.2358

Harmonies

Analogous

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



39.1388, 0.3480, 0.3645



39.1388, 0.3302, 0.3680



39.1388, 0.3081, 0.3602

Triad

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



39.1388, 0.3302, 0.3680



39.1388, 0.2709, 0.3044



39.1388, 0.3377, 0.3152

Complementary

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



39.1388, 0.3302, 0.3680



29.3778, 0.2935, 0.2883

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.



39.1388, 0.3162, 0.3005



39.1388, 0.3302, 0.3680



39.1388, 0.2780, 0.2939

Square

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



39.1388, 0.3302, 0.3680



39.1388, 0.2744, 0.3223



39.1388, 0.2944, 0.2927



39.1388, 0.3526, 0.3336

Rectangle

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



39.1388, 0.3302, 0.3680



39.1388, 0.2940, 0.3495



39.1388, 0.2944, 0.2927



39.1388, 0.3309, 0.3097

Sweetspot

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



39.1405, 0.3302, 0.3680



71.9749, 0.3183, 0.3412



32.4424, 0.3405, 0.3376



16.0227, 0.3190, 0.3429



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.



39.1405, 0.3302, 0.3680



69.5192, 0.3342, 0.3772



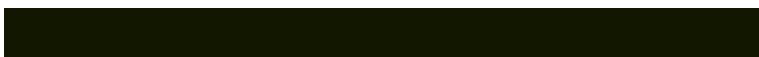
37.7821, 0.3177, 0.3695



9.2394, 0.3230, 0.3516



25.7469, 0.3812, 0.5355



0.7381, 0.3935, 0.5258

Inverse Universe

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



29.3778, 0.2935, 0.2883



48.6103, 0.2885, 0.2782



30.7178, 0.3067, 0.2899



7.8396, 0.3019, 0.3058



2.5453, 0.1629, 0.0671



0.0945, 0.1933, 0.0838

Previews

White Background



This preview shows how the Yxy color 39.1388, 0.3302, 0.3680 looks on a white background.

Color Contrast Check

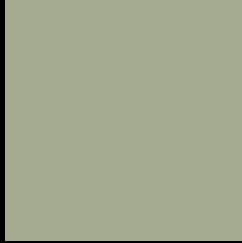
Large Text (above 18pt) WCAG AA × Fail

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 39.1388, 0.3302, 0.3680 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

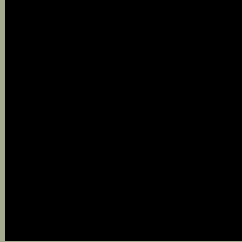
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 39.1388, 0.3302, 0.3680

Background



This preview shows how black text looks on a background with the Yxy color 39.1388, 0.3302, 0.3680.



This preview shows how white text looks on a background with the Yxy color 39.1388, 0.3302, 0.3680.

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

39.1388, 0.3302, 0.3680

Protanopia

38.9375, 0.3444, 0.3641

Deuteranopia

39.1225, 0.3570, 0.3505



Tritanopia

39.0732, 0.3054, 0.3111

Trichromacy



Original Color

39.1388, 0.3302, 0.3680

Protanomaly

38.8727, 0.3394, 0.3645

Deuteranomaly

38.8997, 0.3471, 0.3567

Tritanomaly

39.0833, 0.3144, 0.3318

Monochromacy



Original Color

39.1388, 0.3302, 0.3680

Achromatopsia

38.1326, 0.3127, 0.3290

Achromatomaly

38.5809, 0.3194, 0.3433

CSS Examples

Text

The CSS property to change the color of the text to Yxy 39.1388, 0.3302, 0.3680 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, 144)` looks like.

```
.text, #text, p{  
    color:rgb(165, 171, 144)  
}
```

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, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 171, 144) }
```

Border

The CSS property to change the border of an element to Yxy 39.1388, 0.3302, 0.3680 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, 144) }
```

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

```
.border{ border-color:rgb(165, 171, 144) }
```

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, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 171, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 171, 144);  
box-shadow:4px 4px 4px 4px rgb(165, 171,  
144) }
```


Background

The CSS property to change the background color of an element to Yxy 39.1388, 0.3302, 0.3680 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, 144) }
```

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

```
.background{ background-color: rgb(165,  
171, 144) }
```

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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