

Converting Colors

$Yxy(39.5859, 0.3755, 0.4669)$

Have a look what the booklet for
Yxy(39.5859, 0.3755, 0.4669)
contains.

Yxy(39.5859, 0.3755, 0.4669)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(39.5859, 0.3755, 0.4669)

Conversions

Conversions Part 1

Format	Color
Hex	A1B14F
RGB	161, 177, 79
RGB Percent	63%, 69%, 31%
CMY	0.3685, 0.3059, 0.6901
CMYK	0.09, 0.00, 0.55, 0.31
HSL	70°, 39%, 50%
HSV	70°, 55%, 69%
XYZ	31.8366, 39.5859, 13.3620
YIQ	161.0440, 21.9220, -33.8700

Conversions

Conversions Part 2

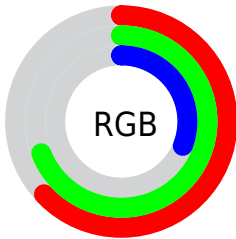
Format	Color
RYB	79, 177, 95
Decimal	10596687
CIELab	69.17, -19.89, 47.46
CIELCh	69, 51.460, 112.732
Yxy	39.5859, 0.3755, 0.4669
Android (android.graphics.Color)	4288786767 (0xFFA1B14F)
YUV	161.0440, -40.4477, -0.0386
Hunter-Lab	62.9173, -19.7831, 31.4504

Details

The Yxy color **39.5859, 0.3755, 0.4669** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **11.1997, 0.2220, 0.1609**, and the grayscale version is **35.8498, 0.3127, 0.3290**.

A 20% lighter version of the original color is **74.8219, 0.3664, 0.4411**, and **17.6202, 0.3868, 0.5061** is the 20% darker color. If you saturate the color by 10%, you get **39.0671, 0.3831, 0.4874**, and if you desaturate by 10%, it is **40.1838, 0.3660, 0.4436**.

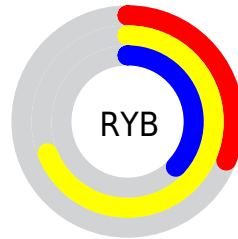
Distribution



Red (63%)

Green (69%)

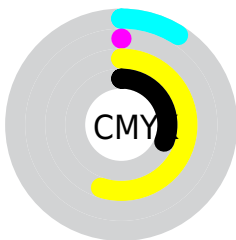
Blue (31%)



Red (31%)

Yellow (69%)

Blue (37%)

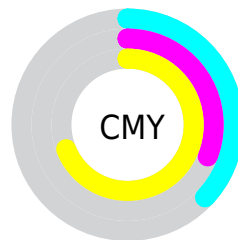


Cyan (9%)

Magenta (0%)

Yellow (55%)

Black (31%)



Cyan (37%)


Magenta (31%)


Yellow (69%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 39.5859, 0.3755, 0.4669 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 39.5859, 0.3755, 0.4669 by changing the saturation by 10% instead.

 39.5859, 0.3755,
0.4669


 39.5859, 0.3755,
0.4669


344.3751, 0.3469,
0.3954

 27.2158, 0.3810,
0.4847


 74.5325, 0.3662,
0.4407

 17.7354, 0.3866,
0.5070


 97.8779, 0.3623,
0.4309

 10.7602, 0.3915,
0.5352


 125.6504, 0.3589,
0.4226

 5.9058, 0.3996,
0.5809

 158.2346, 0.3559,
0.4156

 2.7879, 0.3840,
0.6160

 196.0147, 0.3533,
0.4095

 1.0220, 0.3195,
0.6805

239.3753, 0.3509,

 0.0000, 0.0000,

0.4042

0.0000

288.7006, 0.3488,
0.3995

■ 39.5859, 0.3755,
0.4669

■ 39.5859, 0.3755,
0.4669

■ 39.0671, 0.3831,
0.4874

■ 40.1838, 0.3660,
0.4436

■ 38.6163, 0.3883,
0.5042

■ 40.8605, 0.3551,
0.4185

■ 38.2290, 0.3910,
0.5167

■ 41.6223, 0.3434,
0.3926

■ 37.8971, 0.3912,
0.5248

■ 42.4734, 0.3312,
0.3669

■ 37.7533, 0.3909,
0.5278

■ 43.4177, 0.3191,
0.3419

■ 44.4588, 0.3073,
0.3182

■ 45.6001, 0.2960,
0.2960

■ 46.8451, 0.2854,
0.2756

■ 48.1967, 0.2755,
0.2569

Harmonies

Analogous

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



39.5859, 0.4348, 0.4340



39.5859, 0.3755, 0.4669



39.5859, 0.3031, 0.4548

Triad

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



39.5859, 0.3755, 0.4669



39.5859, 0.1818, 0.2496



39.5859, 0.3854, 0.2744

Complementary

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



39.5859, 0.3755, 0.4669



11.1997, 0.2220, 0.1609

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.



39.5859, 0.3075, 0.2356



39.5859, 0.3755, 0.4669



39.5859, 0.1973, 0.2190

Square

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



39.5859, 0.3755, 0.4669



39.5859, 0.1948, 0.3104



39.5859, 0.2402, 0.2157



39.5859, 0.4455, 0.3255

Rectangle

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



39.5859, 0.3755, 0.4669



39.5859, 0.2573, 0.4165



39.5859, 0.2402, 0.2157



39.5859, 0.3598, 0.2597

Sweetspot

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



39.5877, 0.3755, 0.4669



75.7655, 0.3336, 0.3718



17.8654, 0.4612, 0.3503



16.3540, 0.3360, 0.3768



89.0005, 0.3127, 0.3290



17.0645, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



39.5877, 0.3755, 0.4669



69.8202, 0.3842, 0.4907



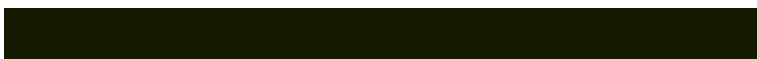
35.5384, 0.3307, 0.4901



9.8352, 0.3239, 0.3517



27.3774, 0.3913, 0.5275



0.8801, 0.3996, 0.5209

Inverse Universe

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



11.1997, 0.2220, 0.1609



14.0044, 0.2000, 0.1245



14.5811, 0.2757, 0.1826



8.2945, 0.3009, 0.3056



2.5056, 0.1579, 0.0643



0.0992, 0.1809, 0.0770

Previews

White Background



This preview shows how the Yxy color 39.5859, 0.3755, 0.4669 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 39.5859, 0.3755, 0.4669 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 39.5859, 0.3755, 0.4669

Background



This preview shows how black text looks on a background with the Yxy color 39.5859, 0.3755, 0.4669.



This preview shows how white text looks on a background with the Yxy color 39.5859, 0.3755, 0.4669.

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

39.5859, 0.3755, 0.4669

Protanopia

39.4625, 0.4089, 0.4484

Deuteranopia

39.5242, 0.4311, 0.4226



Tritanopia

39.2978, 0.3072, 0.3112

Trichromacy



Original Color

39.5859, 0.3755, 0.4669

Protanomaly

39.5058, 0.3970, 0.4552

Deuteranomaly

39.3230, 0.4102, 0.4380

Tritanomaly

39.0575, 0.3341, 0.3678

Monochromacy



Original Color

39.5859, 0.3755, 0.4669

Achromatopsia

35.6400, 0.3127, 0.3290

Achromatomaly

36.8532, 0.3385, 0.3826

CSS Examples

Text

The CSS property to change the color of the text to Yxy 39.5859, 0.3755, 0.4669 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(161, 177, 79)` looks like.

```
.text, #text, p{  
    color:rgb(161, 177, 79)  
}
```

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(161, 177, 79) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 177, 79) }
```

Border

The CSS property to change the border of an element to Yxy 39.5859, 0.3755, 0.4669 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(161, 177, 79) }
```

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

```
.border{ border-color:rgb(161, 177, 79) }
```

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

Here you see how a box with a 4 pixel `rgb(161, 177, 79)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 177, 79); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 177, 79);  
box-shadow:4px 4px 4px 4px rgb(161, 177,  
79) }
```


Background

The CSS property to change the background color of an element to Yxy 39.5859, 0.3755, 0.4669 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 177, 79) }
```

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

```
.background{ background-color: rgb(161,  
177, 79) }
```

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