

Converting Colors

$Yxy(39.0397, 0.4045, 0.4809)$

Have a look what the booklet for
Yxy(39.0397, 0.4045, 0.4809)
contains.

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Color

Yxy(39.0377, 0.4046, 0.4809)

Conversions

Conversions Part 1

Format	Color
Hex	ADAD36
RGB	173, 173, 54
RGB Percent	68%, 68%, 21%
CMY	0.3216, 0.3216, 0.7882
CMYK	0.00, 0.00, 0.69, 0.32
HSL	60°, 52%, 45%
HSV	60°, 69%, 68%
XYZ	32.8439, 39.0377, 9.2947
YIQ	159.4340, 38.1990, -37.0090

Conversions

Conversions Part 2

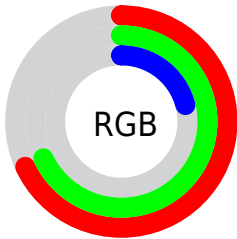
Format	Color
RYB	54, 173, 54
Decimal	11382070
CIELab	68.78, -14.56, 58.11
CIELCh	69, 59.904, 104.065
Yxy	39.0377, 0.4046, 0.4809
Android (android.graphics.Color)	4289572150 (0xFFADAD36)
YUV	159.4340, -51.9790, 11.8974
Hunter-Lab	62.4802, -15.5082, 34.9160

Details

The Yxy color **39.0377, 0.4046, 0.4809** is a dark color, and the websafe version is hex **999900**. A complement of this color would be **6.4412, 0.1820, 0.1129**, and the grayscale version is **35.1117, 0.3127, 0.3290**.

A 20% lighter version of the original color is **73.5584, 0.3914, 0.4540**, and **17.4567, 0.4138, 0.5096** is the 20% darker color. If you saturate the color by 10%, you get **38.9047, 0.4118, 0.4929**, and if you desaturate by 10%, it is **39.2321, 0.3949, 0.4649**.

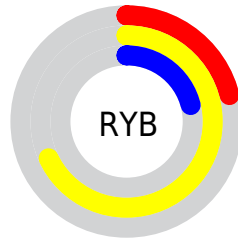
Distribution



Red (68%)

Green (68%)

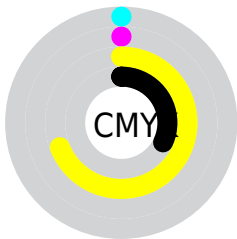
Blue (21%)



Red (21%)

Yellow (68%)

Blue (21%)

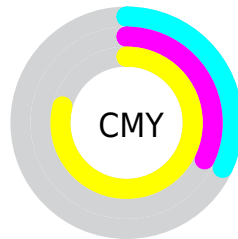


Cyan (0%)

Magenta (0%)

Yellow (69%)

Black (32%)



Cyan (32%)

Magenta (32%)

Yellow (79%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 39.0377, 0.4046, 0.4809 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 39.0377, 0.4046, 0.4809 by changing the saturation by 10% instead.

 39.0377, 0.4046,
0.4809


 39.0377, 0.4046,
0.4809


342.0507, 0.3631,
0.4050


 26.7891, 0.4121,
0.4980


 73.6959, 0.3913,
0.4543


 17.4149, 0.4195,
0.5182


 96.8743, 0.3858,
0.4439


 10.5307, 0.4260,
0.5425


 124.4646, 0.3808,
0.4350


 5.7522, 0.4290,
0.5710

 156.8514, 0.3764,
0.4273

 2.6950, 0.4116,
0.5884

 194.4191, 0.3725,
0.4207

 0.9747, 0.3683,
0.6317

 237.5519, 0.3690,

 0.0000, 0.0000,

0.4148

0.0000

286.6343, 0.3659,
0.4096

■ 39.0377, 0.4046,
0.4809

■ 39.0377, 0.4046,
0.4809

■ 38.9047, 0.4118,
0.4929

■ 39.2321, 0.3949,
0.4649

■ 38.8213, 0.4165,
0.5006

■ 39.4880, 0.3831,
0.4454

■ 38.7774, 0.4191,
0.5048

■ 39.8121, 0.3698,
0.4233

■ 38.7728, 0.4193,
0.5053

■ 40.2088, 0.3553,
0.3994

■ 40.6821, 0.3404,
0.3748

■ 41.2358, 0.3255,
0.3501

■ 41.8733, 0.3110,
0.3261

■ 42.5979, 0.2971,
0.3033

■ 43.4128, 0.2842,
0.2818

Harmonies

Analogous

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



39.0377, 0.4661, 0.4298



39.0377, 0.4046, 0.4809



39.0377, 0.3235, 0.4894

Triad

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



39.0377, 0.4046, 0.4809



39.0377, 0.1647, 0.2523



39.0377, 0.3711, 0.2516

Complementary

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



39.0377, 0.4046, 0.4809



6.4412, 0.1820, 0.1129

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.



39.0377, 0.2810, 0.2139



39.0377, 0.4046, 0.4809



39.0377, 0.1733, 0.2093

Square

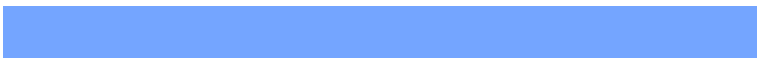
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



39.0377, 0.4046, 0.4809



39.0377, 0.1876, 0.3319



39.0377, 0.2120, 0.1984



39.0377, 0.4519, 0.3054

Rectangle

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



39.0377, 0.4046, 0.4809



39.0377, 0.2688, 0.4564



39.0377, 0.2120, 0.1984



39.0377, 0.3401, 0.2369

Sweetspot

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



39.0395, 0.4046, 0.4809



72.6229, 0.3443, 0.3812



11.8095, 0.5340, 0.3273



15.7328, 0.3483, 0.3878



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.



39.0395, 0.4046, 0.4809



69.5774, 0.4148, 0.4978



33.8335, 0.3478, 0.5173



9.3302, 0.3263, 0.3514



28.4827, 0.4193, 0.5053



0.7924, 0.4193, 0.5053

Inverse Universe

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



6.4412, 0.1820, 0.1129



7.2143, 0.1603, 0.0770



9.0701, 0.2381, 0.1395



7.7573, 0.2985, 0.3056



2.2166, 0.1500, 0.0600



0.0617, 0.1500, 0.0600

Previews

White Background



This preview shows how the Yxy color 39.0377, 0.4046, 0.4809 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 39.0377, 0.4046, 0.4809 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

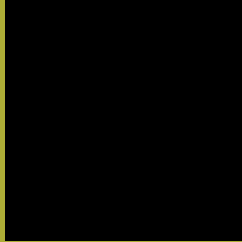
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 39.0377, 0.4046, 0.4809

Background



This preview shows how black text looks on a background with the Yxy color 39.0377, 0.4046, 0.4809.



This preview shows how white text looks on a background with the Yxy color 39.0377, 0.4046, 0.4809.

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

39.0377, 0.4046, 0.4809

Protanopia

38.9537, 0.4245, 0.4673

Deuteranopia

38.6674, 0.4504, 0.4411



Tritanopia

39.0870, 0.3229, 0.3130

Trichromacy



Original Color

39.0377, 0.4046, 0.4809

Protanomaly

39.0738, 0.4177, 0.4724

Deuteranomaly

38.5821, 0.4340, 0.4553

Tritanomaly

38.5874, 0.3587, 0.3794

Monochromacy



Original Color

39.0377, 0.4046, 0.4809

Achromatopsia

34.6704, 0.3127, 0.3290

Achromatomaly

35.8239, 0.3514, 0.3929

CSS Examples

Text

The CSS property to change the color of the text to Yxy 39.0377, 0.4046, 0.4809 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(173, 173, 54)` looks like.

```
.text, #text, p{  
    color:rgb(173, 173, 54)  
}
```

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(173, 173, 54) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 173, 54) }
```

Border

The CSS property to change the border of an element to Yxy 39.0377, 0.4046, 0.4809 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(173, 173, 54) }
```

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

```
.border{ border-color:rgb(173, 173, 54) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 173, 54)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 173, 54); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 173, 54);  
box-shadow:4px 4px 4px 4px rgb(173, 173,  
54) }
```


Background

The CSS property to change the background color of an element to Yxy 39.0377, 0.4046, 0.4809 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 173, 54) }
```

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

```
.background{ background-color: rgb(173,  
173, 54) }
```

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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