

Converting Colors

$Yxy(39.2355, 0.3381, 0.3632)$

Have a look what the booklet for
Yxy(39.2355, 0.3381, 0.3632)
contains.

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Color

Yxy(39.3045, 0.3374, 0.3630)

Conversions

Conversions Part 1

Format	Color
Hex	ADA991
RGB	173, 169, 145
RGB Percent	68%, 66%, 57%
CMY	0.3215, 0.3372, 0.4315
CMYK	0.00, 0.02, 0.16, 0.32
HSL	51°, 15%, 62%
HSV	51°, 16%, 68%
XYZ	36.5326, 39.3045, 32.4397
YIQ	167.4600, 10.0880, -6.6160

Conversions

Conversions Part 2

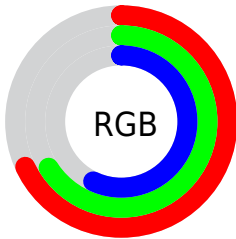
Format	Color
RYB	150, 173, 145
Decimal	11381137
CIELab	68.97, -2.72, 12.92
CIELCh	69, 13.206, 101.871
Yxy	39.3045, 0.3374, 0.3630
Android (android.graphics.Color)	4289571217 (0xFFADA991)
YUV	167.4600, -11.0728, 4.8586
Hunter-Lab	62.6933, -5.6978, 13.2066

Details

The Yxy color **39.3045, 0.3374, 0.3630** is a light color, and the websafe version is hex **999999**. A complement of this color would be **30.5257, 0.2872, 0.2926**, and the grayscale version is **38.9319, 0.3127, 0.3290**.

A 20% lighter version of the original color is **74.0928, 0.3330, 0.3561**, and **17.5419, 0.3436, 0.3726** is the 20% darker color. If you saturate the color by 10%, you get **37.9010, 0.3536, 0.3846**, and if you desaturate by 10%, it is **40.8102, 0.3219, 0.3418**.

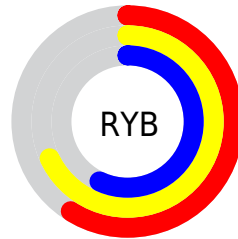
Distribution



Red (68%)

Green (66%)

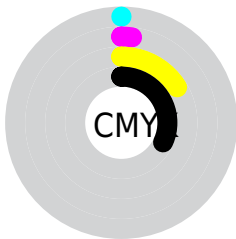
Blue (57%)



Red (59%)

Yellow (68%)

Blue (57%)

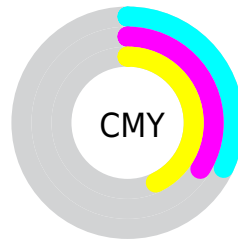


Cyan (0%)

Magenta (2%)

Yellow (16%)

Black (32%)



Cyan (32%)


Magenta (34%)


Yellow (43%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 39.3045, 0.3374, 0.3630 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 39.3045, 0.3374, 0.3630 by changing the saturation by 10% instead.


 39.3045, 0.3374,
0.3630


 39.3045, 0.3374,
0.3630


343.1834, 0.3248,
0.3454

 26.9967, 0.3406,
0.3676


 74.1033, 0.3327,
0.3565

 17.5707, 0.3448,
0.3736


 97.3630, 0.3310,
0.3541

 10.6422, 0.3505,
0.3817


125.0422, 0.3296,
0.3520

 5.8268, 0.3585,
0.3935

157.5252, 0.3283,
0.3503

 2.7401, 0.3707,
0.4119

195.1964, 0.3273,
0.3488

 0.9976, 0.4276,
0.4858

238.4402, 0.3263,

 0.0000, 0.0000,

0.3476

0.0000

287.6411, 0.3255,
0.3464

■ 39.3045, 0.3374,
0.3630

■ 39.3045, 0.3374,
0.3630

■ 37.9010, 0.3536,
0.3846

■ 40.8102, 0.3219,
0.3418

■ 36.5906, 0.3702,
0.4061

■ 42.4164, 0.3073,
0.3214

■ 35.3711, 0.3866,
0.4264

■ 44.1282, 0.2938,
0.3022

■ 34.2382, 0.4021,
0.4449

■ 45.9486, 0.2814,
0.2842

■ 33.1869, 0.4163,
0.4604

■ 47.8808, 0.2702,
0.2677

■ 32.2118, 0.4283,
0.4721

■ 49.9275, 0.2600,
0.2525

■ 31.3067, 0.4378,
0.4796

■ 51.3569, 0.2569,
0.2493

■ 30.4633, 0.4445,
0.4827

■ 52.4104, 0.2572,
0.2523

■ 30.1523, 0.4468,
0.4834

■ 53.4820, 0.2576,
0.2552

Harmonies

Analogous

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



39.3045, 0.3491, 0.3552



39.3045, 0.3374, 0.3630



39.3045, 0.3192, 0.3613

Triad

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



39.3045, 0.3374, 0.3630



39.3045, 0.2760, 0.3151



39.3045, 0.3251, 0.3092

Complementary

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



39.3045, 0.3374, 0.3630



30.5257, 0.2872, 0.2926

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.



39.3045, 0.3053, 0.2991



39.3045, 0.3374, 0.3630



39.3045, 0.2774, 0.3019

Square

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



39.3045, 0.3374, 0.3630



39.3045, 0.2841, 0.3329



39.3045, 0.2879, 0.2963



39.3045, 0.3420, 0.3242

Rectangle

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



39.3045, 0.3374, 0.3630



39.3045, 0.3061, 0.3548



39.3045, 0.2879, 0.2963



39.3045, 0.3185, 0.3051

Sweetspot

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



39.3062, 0.3374, 0.3630



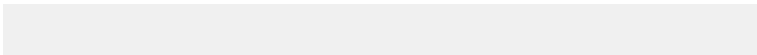
73.3909, 0.3202, 0.3394



31.3054, 0.3384, 0.3230



15.9083, 0.3212, 0.3409



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.



39.3062, 0.3374, 0.3630



69.5800, 0.3424, 0.3698



39.7425, 0.3273, 0.3696



9.1321, 0.3266, 0.3483



22.2120, 0.4465, 0.4837



0.6703, 0.4371, 0.4911

Inverse Universe

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



30.5257, 0.2872, 0.2926



51.2262, 0.2817, 0.2847



30.2094, 0.2964, 0.2875



7.9351, 0.2986, 0.3090



2.7717, 0.1537, 0.0732



0.1329, 0.1655, 0.1159

Previews

White Background



This preview shows how the Yxy color 39.3045, 0.3374, 0.3630 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 39.3045, 0.3374, 0.3630 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

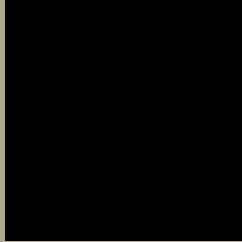
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 39.3045, 0.3374, 0.3630

Background



This preview shows how black text looks on a background with the Yxy color 39.3045, 0.3374, 0.3630.



This preview shows how white text looks on a background with the Yxy color 39.3045, 0.3374, 0.3630.

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

39.3045, 0.3374, 0.3630

Protanopia

39.3660, 0.3424, 0.3626

Deuteranopia

39.1225, 0.3570, 0.3505



Tritanopia

39.0724, 0.3135, 0.3114

Trichromacy



Original Color

39.3045, 0.3374, 0.3630

Protanomaly

39.2490, 0.3414, 0.3627

Deuteranomaly

39.2999, 0.3492, 0.3550

Tritanomaly

39.2192, 0.3229, 0.3304

Monochromacy



Original Color

39.3045, 0.3374, 0.3630

Achromatopsia

38.6429, 0.3127, 0.3290

Achromatomaly

38.9435, 0.3214, 0.3417

CSS Examples

Text

The CSS property to change the color of the text to Yxy 39.3045, 0.3374, 0.3630 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, 169, 145)` looks like.

```
.text, #text, p{  
    color:rgb(173, 169, 145)  
}
```

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, 169, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 169, 145) }
```

Border

The CSS property to change the border of an element to Yxy 39.3045, 0.3374, 0.3630 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, 169, 145) }
```

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

```
.border{ border-color:rgb(173, 169, 145) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 169, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 169, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 169, 145);  
box-shadow:4px 4px 4px 4px rgb(173, 169,  
145) }
```


Background

The CSS property to change the background color of an element to Yxy 39.3045, 0.3374, 0.3630 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 169, 145) }
```

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

```
.background{ background-color: rgb(173,  
169, 145) }
```

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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