

Converting Colors

$Yxy(39.5584, 0.3704, 0.4244)$

Have a look what the booklet for
Yxy(39.5584, 0.3704, 0.4244)
contains.

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Color

Yxy(39.7913, 0.3705, 0.4245)

Conversions

Conversions Part 1

Format	Color
Hex	ADAD69
RGB	173, 173, 105
RGB Percent	68%, 68%, 41%
CMY	0.3215, 0.3216, 0.5882
CMYK	0.00, 0.00, 0.39, 0.32
HSL	60°, 29%, 55%
HSV	60°, 39%, 68%
XYZ	34.7295, 39.7913, 19.2161
YIQ	165.2480, 21.8280, -21.1480

Conversions

Conversions Part 2

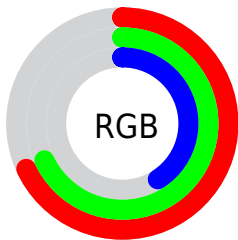
Format	Color
RYB	105, 173, 105
Decimal	11382121
CIELab	69.32, -10.30, 34.92
CIELCh	69, 36.409, 106.441
Yxy	39.7913, 0.3705, 0.4245
Android (android.graphics.Color)	4289572201 (0xFFADAD69)
YUV	165.2480, -29.7023, 6.7985
Hunter-Lab	63.0803, -12.1157, 26.0948

Details

The Yxy color **39.7913, 0.3705, 0.4245** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **16.1289, 0.2417, 0.2116**, and the grayscale version is **37.8916, 0.3127, 0.3290**.

A 20% lighter version of the original color is **74.5791, 0.3604, 0.4064**, and **17.8822, 0.3844, 0.4535** is the 20% darker color. If you saturate the color by 10%, you get **39.4714, 0.3838, 0.4465**, and if you desaturate by 10%, it is **40.1872, 0.3561, 0.4007**.

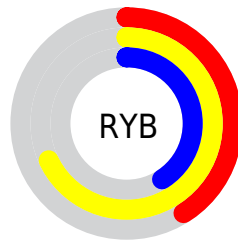
Distribution



Red (68%)

Green (68%)

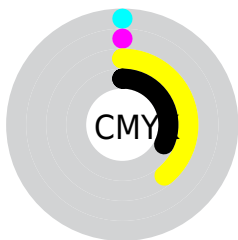
Blue (41%)



Red (41%)

Yellow (68%)

Blue (41%)

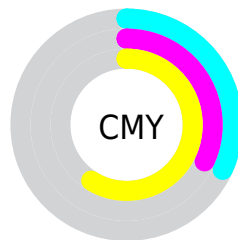


Cyan (0%)

Magenta (0%)

Yellow (39%)

Black (32%)



Cyan (32%)


Magenta (32%)


Yellow (59%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 39.7913, 0.3705, 0.4245 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 39.7913, 0.3705, 0.4245 by changing the saturation by 10% instead.


 39.7913, 0.3705,
0.4245


 39.7913, 0.3705,
0.4245


345.2431, 0.3422,
0.3752


 27.3759, 0.3771,
0.4370


 74.8456, 0.3605,
0.4064


 17.8557, 0.3850,
0.4530


 98.2533, 0.3567,
0.3996

 10.8464, 0.3946,
0.4740


 126.0938, 0.3534,
0.3939

 5.9637, 0.4055,
0.5020

 158.7516, 0.3505,
0.3890

 2.8230, 0.4351,
0.5649

196.6110, 0.3480,
0.3849

 1.0400, 0.4122,
0.5878

240.0565, 0.3458,

 0.0000, 0.0000,

0.3812

0.0000

289.4724, 0.3439,
0.3780

■ 39.7913, 0.3705,
0.4245

■ 39.7913, 0.3705,
0.4245

■ 39.4714, 0.3838,
0.4465

■ 40.1872, 0.3561,
0.4007

■ 39.2176, 0.3955,
0.4658

■ 40.6578, 0.3412,
0.3761

■ 39.0269, 0.4051,
0.4816

■ 41.2085, 0.3263,
0.3514


■ 38.8937, 0.4122,
0.4934

■ 41.8429, 0.3117,
0.3274

■ 38.8115, 0.4167,
0.5009

■ 42.5642, 0.2978,
0.3044

 38.7674, 0.4192,
0.5050

 43.3756, 0.2848,
0.2829

 38.7647, 0.4194,
0.5052

 44.2801, 0.2728,
0.2630

 45.2804, 0.2617,
0.2447

 46.0054, 0.2549,
0.2334

Harmonies

Analogous

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



39.7913, 0.4081, 0.4008



39.7913, 0.3705, 0.4245



39.7913, 0.3192, 0.4199

Triad

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



39.7913, 0.3705, 0.4245



39.7913, 0.2163, 0.2813



39.7913, 0.3535, 0.2823

Complementary

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



39.7913, 0.3705, 0.4245



16.1289, 0.2417, 0.2116

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.



39.7913, 0.2988, 0.2553



39.7913, 0.3705, 0.4245



39.7913, 0.2234, 0.2522

Square

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



39.7913, 0.3705, 0.4245



39.7913, 0.2319, 0.3291



39.7913, 0.2521, 0.2442



39.7913, 0.3995, 0.3202

Rectangle

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



39.7913, 0.3705, 0.4245



39.7913, 0.2845, 0.3982



39.7913, 0.2521, 0.2442



39.7913, 0.3353, 0.2719

Sweetspot

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



39.7931, 0.3705, 0.4245



73.4877, 0.3306, 0.3585



20.0340, 0.4071, 0.3276



15.9433, 0.3324, 0.3616



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.



39.7931, 0.3705, 0.4245



70.7563, 0.3819, 0.4434



36.5006, 0.3383, 0.4358



9.3299, 0.3263, 0.3514



28.4734, 0.4194, 0.5052



0.7922, 0.4193, 0.5052

Inverse Universe

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



16.1289, 0.2417, 0.2116



22.5034, 0.2236, 0.1816



18.5151, 0.2762, 0.2218



7.7575, 0.2985, 0.3056



2.2172, 0.1500, 0.0600



0.0618, 0.1500, 0.0601

Previews

White Background



This preview shows how the Yxy color 39.7913, 0.3705, 0.4245 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 39.7913, 0.3705, 0.4245 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

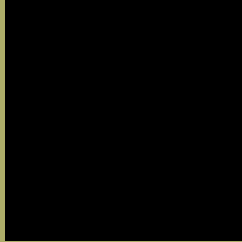
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

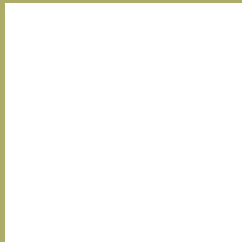
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 39.7913, 0.3705, 0.4245

Background



This preview shows how black text looks on a background with the Yxy color 39.7913, 0.3705, 0.4245.



This preview shows how white text looks on a background with the Yxy color 39.7913, 0.3705, 0.4245.

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

39.7913, 0.3705, 0.4245

Protanopia

39.6897, 0.3854, 0.4169

Deuteranopia

39.7607, 0.4052, 0.3975



Tritanopia

39.5490, 0.3173, 0.3116

Trichromacy



Original Color

39.7913, 0.3705, 0.4245

Protanomaly

39.5727, 0.3808, 0.4195

Deuteranomaly

39.6714, 0.3926, 0.4069

Tritanomaly

39.3368, 0.3372, 0.3513

Monochromacy



Original Color

39.7913, 0.3705, 0.4245

Achromatopsia

37.6262, 0.3127, 0.3290

Achromatomaly

38.3133, 0.3345, 0.3650

CSS Examples

Text

The CSS property to change the color of the text to Yxy 39.7913, 0.3705, 0.4245 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, 105)` looks like.

```
.text, #text, p{  
    color:rgb(173, 173, 105)  
}
```

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, 105) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 173, 105) }
```

Border

The CSS property to change the border of an element to Yxy 39.7913, 0.3705, 0.4245 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, 105) }
```

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

```
.border{ border-color:rgb(173, 173, 105) }
```

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, 105)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 173, 105); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 173, 105);  
box-shadow:4px 4px 4px 4px rgb(173, 173,  
105) }
```


Background

The CSS property to change the background color of an element to Yxy 39.7913, 0.3705, 0.4245 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, 105) }
```

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

```
.background{ background-color: rgb(173,  
173, 105) }
```

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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