

Converting Colors

$Yxy(39.5390, 0.3679, 0.4211)$

Have a look what the booklet for
Yxy(39.5390, 0.3679, 0.4211)
contains.

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Color

Yxy(39.3372, 0.3683, 0.4210)

Conversions

Conversions Part 1

Format	Color
Hex	ACAC6B
RGB	172, 172, 107
RGB Percent	67%, 67%, 42%
CMY	0.3256, 0.3254, 0.5804
CMYK	0.00, 0.00, 0.38, 0.33
HSL	60°, 28%, 55%
HSV	60°, 38%, 67%
XYZ	34.4130, 39.3372, 19.6873
YIQ	164.5900, 20.8650, -20.2150

Conversions

Conversions Part 2

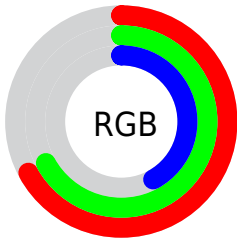
Format	Color
RYB	107, 172, 107
Decimal	11316331
CIELab	68.99, -9.99, 33.45
CIELCh	69, 34.909, 106.628
Yxy	39.3372, 0.3683, 0.4210
Android (android.graphics.Color)	4289506411 (0xFFACAC6B)
YUV	164.5900, -28.3919, 6.4986
Hunter-Lab	62.7194, -11.8190, 25.2927

Details

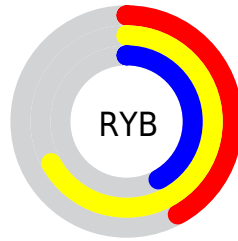
The Yxy color **39.3372, 0.3683, 0.4210** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **16.6226, 0.2449, 0.2169**, and the grayscale version is **37.5494, 0.3127, 0.3290**.

A 20% lighter version of the original color is **73.9354, 0.3586, 0.4034**, and **17.5900, 0.3819, 0.4493** is the 20% darker color. If you saturate the color by 10%, you get **39.0106, 0.3818, 0.4433**, and if you desaturate by 10%, it is **39.7394, 0.3538, 0.3970**.

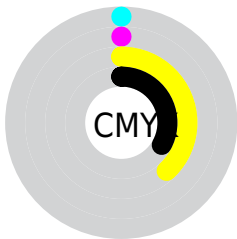
Distribution



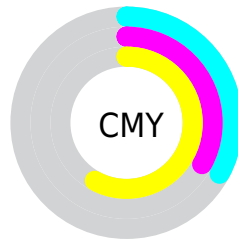
- Red (67%)
- Green (67%)
- Blue (42%)



- Red (42%)
- Yellow (67%)
- Blue (42%)



- Cyan (0%)
- Magenta (0%)
- Yellow (38%)
- Black (33%)



- Cyan (33%)
- Magenta (33%)
- Yellow (58%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 39.3372, 0.3683, 0.4210 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 39.3372, 0.3683, 0.4210 by changing the saturation by 10% instead.


 39.3372, 0.3683,
0.4210


 39.3372, 0.3683,
0.4210


343.3220, 0.3409,
0.3733


 27.0221, 0.3747,
0.4332


 74.1532, 0.3586,
0.4034

 17.5899, 0.3825,
0.4488


 97.4229, 0.3549,
0.3969

 10.6559, 0.3921,
0.4694


 125.1129, 0.3517,
0.3914

 5.8360, 0.4032,
0.4972

 157.6077, 0.3489,
0.3867

 2.7456, 0.4363,
0.5637

195.2916, 0.3465,
0.3827

 1.0004, 0.4126,
0.5874

238.5490, 0.3444,

 0.0000, 0.0000,

0.3791

0.0000

287.7643, 0.3426,
0.3761

■ 39.3372, 0.3683,
0.4210

■ 39.3372, 0.3683,
0.4210

■ 39.0106, 0.3818,
0.4433

■ 39.7394, 0.3538,
0.3970

■ 38.7499, 0.3937,
0.4631

■ 40.2158, 0.3389,
0.3723

■ 38.5522, 0.4036,
0.4795


■ 40.7718, 0.3240,
0.3477


■ 38.4121, 0.4111,
0.4919


■ 41.4109, 0.3096,
0.3238

■ 38.3234, 0.4160,
0.5001


■ 42.1362, 0.2959,
0.3011

 38.2760, 0.4187,
0.5046

 42.9508, 0.2830,
0.2798

 38.2673, 0.4192,
0.5054

 43.8576, 0.2711,
0.2601

 44.8594, 0.2602,
0.2421

 45.5124, 0.2541,
0.2321

Harmonies

Analogous

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



39.3372, 0.4045, 0.3987



39.3372, 0.3683, 0.4210



39.3372, 0.3188, 0.4161

Triad

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



39.3372, 0.3683, 0.4210



39.3372, 0.2195, 0.2830



39.3372, 0.3524, 0.2842

Complementary

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



39.3372, 0.3683, 0.4210



16.6226, 0.2449, 0.2169

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.



39.3372, 0.2997, 0.2579



39.3372, 0.3683, 0.4210



39.3372, 0.2266, 0.2549

Square

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



39.3372, 0.3683, 0.4210



39.3372, 0.2346, 0.3289



39.3372, 0.2545, 0.2470



39.3372, 0.3964, 0.3209

Rectangle

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



39.3372, 0.3683, 0.4210



39.3372, 0.2854, 0.3952



39.3372, 0.2545, 0.2470



39.3372, 0.3349, 0.2740

Sweetspot

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



39.3390, 0.3683, 0.4210



73.5914, 0.3291, 0.3560



20.3484, 0.4034, 0.3293



15.9642, 0.3310, 0.3592



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.



39.3390, 0.3683, 0.4210



70.8648, 0.3792, 0.4391



36.1053, 0.3365, 0.4317



9.3299, 0.3263, 0.3514



28.4713, 0.4192, 0.5054



0.7921, 0.4192, 0.5053

Inverse Universe

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



16.6226, 0.2449, 0.2169



23.9222, 0.2280, 0.1888



19.0263, 0.2792, 0.2267



7.7575, 0.2986, 0.3056



2.2174, 0.1500, 0.0600



0.0618, 0.1502, 0.0601

Previews

White Background



This preview shows how the Yxy color 39.3372, 0.3683, 0.4210 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 39.3372, 0.3683, 0.4210 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

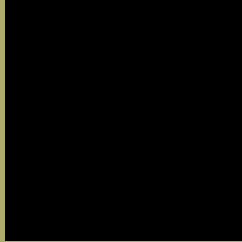
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 39.3372, 0.3683, 0.4210

Background



This preview shows how black text looks on a background with the Yxy color 39.3372, 0.3683, 0.4210.



This preview shows how white text looks on a background with the Yxy color 39.3372, 0.3683, 0.4210.

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

39.3372, 0.3683, 0.4210

Protanopia

39.1132, 0.3822, 0.4138

Deuteranopia

39.1504, 0.4029, 0.3957



Tritanopia

39.3888, 0.3172, 0.3129

Trichromacy



Original Color

39.3372, 0.3683, 0.4210

Protanomaly

39.0002, 0.3777, 0.4163

Deuteranomaly

39.0693, 0.3903, 0.4050

Tritanomaly

39.2189, 0.3363, 0.3513

Monochromacy



Original Color

39.3372, 0.3683, 0.4210

Achromatopsia

37.6262, 0.3127, 0.3290

Achromatomaly

38.3437, 0.3336, 0.3636

CSS Examples

Text

The CSS property to change the color of the text to Yxy 39.3372, 0.3683, 0.4210 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(172, 172, 107)` looks like.

```
.text, #text, p{  
    color:rgb(172, 172, 107)  
}
```

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(172, 172, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 172, 107) }
```

Border

The CSS property to change the border of an element to Yxy 39.3372, 0.3683, 0.4210 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(172, 172, 107) }
```

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

```
.border{ border-color:rgb(172, 172, 107) }
```

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

Here you see how a box with a 4 pixel rgb(172, 172, 107) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 172, 107); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 172, 107);  
box-shadow:4px 4px 4px 4px rgb(172, 172,  
107) }
```


Background

The CSS property to change the background color of an element to Yxy 39.3372, 0.3683, 0.4210 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 172, 107) }
```

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

```
.background{ background-color: rgb(172,  
172, 107) }
```

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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