

Converting Colors

$Y_{xy}(39.2153, 0.3732, 0.4290)$

Have a look what the booklet for
Yxy(39.2153, 0.3732, 0.4290)
contains.

Yxy(39.2153, 0.3732, 0.4290)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(39.2153, 0.3732, 0.4290)

Conversions

Conversions Part 1

Format	Color
Hex	ACAC65
RGB	172, 172, 101
RGB Percent	67%, 67%, 40%
CMY	0.3255, 0.3255, 0.6039
CMYK	0.00, 0.00, 0.41, 0.33
HSL	60°, 30%, 54%
HSV	60°, 41%, 67%
XYZ	34.1146, 39.2153, 18.0811
YIQ	163.9060, 22.7910, -22.0810

Conversions

Conversions Part 2

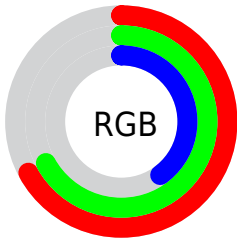
Format	Color
RYB	101, 172, 101
Decimal	11316325
CIELab	68.91, -10.64, 36.46
CIELCh	69, 37.983, 106.274
Yxy	39.2153, 0.3732, 0.4290
Android (android.graphics.Color)	4289506405 (0xFFACAC65)
YUV	163.9060, -31.0127, 7.0984
Hunter-Lab	62.6221, -12.3475, 26.7165

Details

The Yxy color **39.2153, 0.3732, 0.4290** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **15.0515, 0.2375, 0.2047**, and the grayscale version is **37.2201, 0.3127, 0.3290**.

A 20% lighter version of the original color is **73.8961, 0.3633, 0.4097**, and **17.5324, 0.3877, 0.4591** is the 20% darker color. If you saturate the color by 10%, you get **38.9144, 0.3862, 0.4505**, and if you desaturate by 10%, it is **39.5904, 0.3590, 0.4055**.

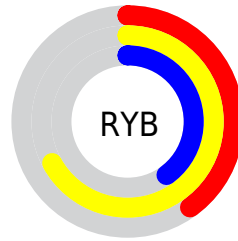
Distribution



Red (67%)

Green (67%)

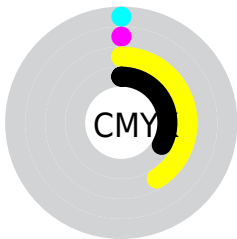
Blue (40%)



Red (40%)

Yellow (67%)

Blue (40%)

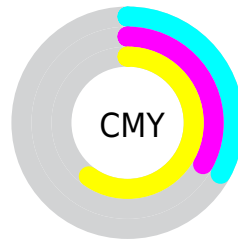


Cyan (0%)

Magenta (0%)

Yellow (41%)

Black (33%)



Cyan (33%)


Magenta (33%)


Yellow (60%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 39.2153, 0.3732, 0.4290 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 39.2153, 0.3732, 0.4290 by changing the saturation by 10% instead.


 39.2153, 0.3732,
0.4290


 39.2153, 0.3732,
0.4290


342.8050, 0.3436,
0.3773


 26.9273, 0.3800,
0.4421


 73.9671, 0.3628,
0.4100

 17.5186, 0.3882,
0.4588


 97.1997, 0.3588,
0.4029

 10.6049, 0.3978,
0.4805


 124.8492, 0.3553,
0.3969

 5.8018, 0.4086,
0.5093

 157.3001, 0.3523,
0.3918

 2.7250, 0.4327,
0.5673

194.9367, 0.3497,
0.3874

 0.9899, 0.4063,
0.5937

238.1434, 0.3475,

 0.0000, 0.0000,

0.3836

0.0000

287.3047, 0.3454,
0.3803

■ 39.2153, 0.3732,
0.4290

■ 39.2153, 0.3732,
0.4290

■ 38.9144, 0.3862,
0.4505

■ 39.5904, 0.3590,
0.4055

■ 38.6778, 0.3975,
0.4692

■ 40.0383, 0.3441,
0.3810

■ 38.5024, 0.4066,
0.4843

■ 40.5645, 0.3292,
0.3563

■ 38.3825, 0.4132,
0.4952

■ 41.1726, 0.3146,
0.3320

■ 38.3115, 0.4173,
0.5019

■ 41.8659, 0.3005,
0.3089

■ 38.2770, 0.4193,
0.5053

■ 42.6474, 0.2873,
0.2871

■ 43.5200, 0.2751,
0.2668

■ 44.4867, 0.2639,
0.2482

■ 45.4986, 0.2541,
0.2320

Harmonies

Analogous

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



39.2153, 0.4126, 0.4035



39.2153, 0.3732, 0.4290



39.2153, 0.3196, 0.4248

Triad

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



39.2153, 0.3732, 0.4290



39.2153, 0.2121, 0.2791



39.2153, 0.3551, 0.2801

Complementary

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



39.2153, 0.3732, 0.4290



15.0515, 0.2375, 0.2047

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.



39.2153, 0.2977, 0.2521



39.2153, 0.3732, 0.4290



39.2153, 0.2194, 0.2488

Square

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



39.2153, 0.3732, 0.4290



39.2153, 0.2284, 0.3292



39.2153, 0.2491, 0.2405



39.2153, 0.4035, 0.3193

Rectangle

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



39.2153, 0.3732, 0.4290



39.2153, 0.2833, 0.4021



39.2153, 0.2491, 0.2405



39.2153, 0.3360, 0.2692

Sweetspot

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



39.2171, 0.3732, 0.4290



73.4905, 0.3306, 0.3585



19.0168, 0.4159, 0.3293



15.9440, 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.



39.2171, 0.3732, 0.4290



70.6112, 0.3857, 0.4498



35.7225, 0.3382, 0.4420



9.3302, 0.3263, 0.3514



28.4826, 0.4193, 0.5053



0.7924, 0.4193, 0.5053

Inverse Universe

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



15.0515, 0.2375, 0.2047



20.4944, 0.2171, 0.1709



17.5610, 0.2753, 0.2164



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 39.2153, 0.3732, 0.4290 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 39.2153, 0.3732, 0.4290 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

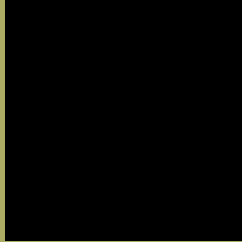
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 39.2153, 0.3732, 0.4290

Background



This preview shows how black text looks on a background with the Yxy color 39.2153, 0.3732, 0.4290.



This preview shows how white text looks on a background with the Yxy color 39.2153, 0.3732, 0.4290.

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

39.2153, 0.3732, 0.4290

Protanopia

39.1157, 0.3883, 0.4211

Deuteranopia

38.8376, 0.4091, 0.4002



Tritanopia

39.0323, 0.3173, 0.3115

Trichromacy



Original Color

39.2153, 0.3732, 0.4290

Protanomaly

38.9993, 0.3837, 0.4238

Deuteranomaly

38.7367, 0.3963, 0.4098

Tritanomaly

38.7895, 0.3383, 0.3528

Monochromacy



Original Color

39.2153, 0.3732, 0.4290

Achromatopsia

37.1238, 0.3127, 0.3290

Achromatomaly

37.7760, 0.3355, 0.3667

CSS Examples

Text

The CSS property to change the color of the text to Yxy 39.2153, 0.3732, 0.4290 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, 101)` looks like.

```
.text, #text, p{  
    color:rgb(172, 172, 101)  
}
```

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, 101) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 172, 101) }
```

Border

The CSS property to change the border of an element to Yxy 39.2153, 0.3732, 0.4290 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, 101) }
```

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

```
.border{ border-color:rgb(172, 172, 101) }
```

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, 101)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 172, 101); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 172, 101);  
box-shadow:4px 4px 4px 4px rgb(172, 172,  
101) }
```


Background

The CSS property to change the background color of an element to Yxy 39.2153, 0.3732, 0.4290 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, 101) }
```

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

```
.background{ background-color: rgb(172,  
172, 101) }
```

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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