

Converting Colors

$Yxy(38.3128, 0.3697, 0.4295)$

Have a look what the booklet for
Yxy(38.3128, 0.3697, 0.4295)
contains.

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Color

Yxy(38.3902, 0.3697, 0.4293)

Conversions

Conversions Part 1

Format	Color
Hex	A8AB65
RGB	168, 171, 101
RGB Percent	66%, 67%, 40%
CMY	0.3412, 0.3294, 0.6040
CMYK	0.02, 0.00, 0.41, 0.33
HSL	63°, 29%, 53%
HSV	63°, 41%, 67%
XYZ	33.0605, 38.3902, 17.9744
YIQ	162.1230, 20.6820, -22.4060

Conversions

Conversions Part 2

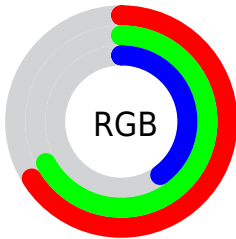
Format	Color
RYB	101, 171, 104
Decimal	11053925
CIELab	68.31, -11.76, 35.64
CIELCh	68, 37.532, 108.255
Yxy	38.3902, 0.3697, 0.4293
Android (android.graphics.Color)	4289244005 (0xFFA8AB65)
YUV	162.1230, -30.1336, 5.1541
Hunter-Lab	61.9598, -13.1858, 26.1719

Details

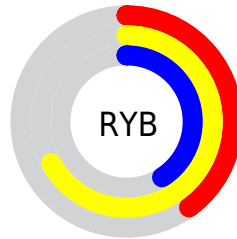
The Yxy color $38.3902, 0.3697, 0.4293$ is a dark color, and the websafe version is hex 999966 . A complement of this color would be $15.1862, 0.2412, 0.2068$, and the grayscale version is $36.3290, 0.3127, 0.3290$.

A 20% lighter version of the original color is $72.5399, 0.3598, 0.4098$, and $17.0864, 0.3844, 0.4597$ is the 20% darker color. If you saturate the color by 10%, you get $38.0108, 0.3820, 0.4516$, and if you desaturate by 10%, it is $38.8433, 0.3562, 0.4052$.

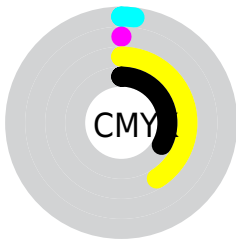
Distribution



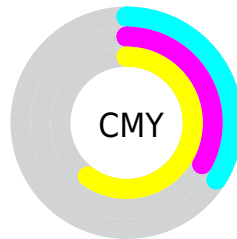
- Red (66%)
- Green (67%)
- Blue (40%)



- Red (40%)
- Yellow (67%)
- Blue (41%)



- Cyan (2%)
- Magenta (0%)
- Yellow (41%)
- Black (33%)





- Cyan (34%)
- Magenta (33%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 38.3902, 0.3697, 0.4293 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 38.3902, 0.3697, 0.4293 by changing the saturation by 10% instead.


 38.3902, 0.3697,
0.4293


 38.3902, 0.3697,
0.4293


339.2909, 0.3418,
0.3771

 26.2857, 0.3761,
0.4427


 72.7058, 0.3599,
0.4100


 17.0375, 0.3838,
0.4598


 95.6857, 0.3561,
0.4028

 10.2612, 0.3928,
0.4824


 123.0595, 0.3529,
0.3968

 5.5725, 0.4027,
0.5126

 155.2116, 0.3500,
0.3917

 2.5869, 0.4257,
0.5743

192.5264, 0.3476,
0.3873

 0.9201, 0.3895,
0.6105

235.3883, 0.3454,

 0.0000, 0.0000,

0.3834

0.0000

284.1816, 0.3435,
0.3800

■ 38.3902, 0.3697,
0.4293

■ 38.3902, 0.3697,
0.4293

■ 38.0108, 0.3820,
0.4516

■ 38.8433, 0.3562,
0.4052

■ 37.6955, 0.3926,
0.4712

■ 39.3688, 0.3421,
0.3804

■ 37.4412, 0.4011,
0.4872


■ 39.9721, 0.3279,
0.3555


■ 37.2423, 0.4070,
0.4992

■ 40.6568, 0.3140,
0.3312

■ 37.0924, 0.4105,
0.5069


■ 41.4260, 0.3007,
0.3081

 36.9860, 0.4119,
0.5111

 42.2828, 0.2881,
0.2865

 43.2301, 0.2764,
0.2665

 44.2706, 0.2656,
0.2481

 45.4070, 0.2558,
0.2314

Harmonies

Analogous

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



38.3902, 0.4103, 0.4055



38.3902, 0.3697, 0.4293



38.3902, 0.3159, 0.4227

Triad

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



38.3902, 0.3697, 0.4293



38.3902, 0.2123, 0.2766



38.3902, 0.3586, 0.2826

Complementary

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



38.3902, 0.3697, 0.4293



15.1862, 0.2412, 0.2068

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.



38.3902, 0.3014, 0.2538



38.3902, 0.3697, 0.4293



38.3902, 0.2211, 0.2480

Square

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



38.3902, 0.3697, 0.4293



38.3902, 0.2270, 0.3255



38.3902, 0.2521, 0.2411



38.3902, 0.4055, 0.3222

Rectangle

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



38.3902, 0.3697, 0.4293



38.3902, 0.2801, 0.3988



38.3902, 0.2521, 0.2411



38.3902, 0.3397, 0.2715

Sweetspot

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



38.3919, 0.3697, 0.4293



71.4401, 0.3297, 0.3586



19.3611, 0.4131, 0.3329



15.9000, 0.3315, 0.3617



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.



38.3919, 0.3697, 0.4293



68.1401, 0.3807, 0.4493



35.1068, 0.3358, 0.4417



9.3125, 0.3256, 0.3515



27.8867, 0.4120, 0.5111



0.7810, 0.4144, 0.5092

Inverse Universe

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



15.1862, 0.2412, 0.2068



20.9456, 0.2227, 0.1758



17.6756, 0.2784, 0.2183



7.7730, 0.2992, 0.3056



2.2581, 0.1517, 0.0609



0.0680, 0.1590, 0.0650

Previews

White Background



This preview shows how the Yxy color 38.3902, 0.3697, 0.4293 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 38.3902, 0.3697, 0.4293 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

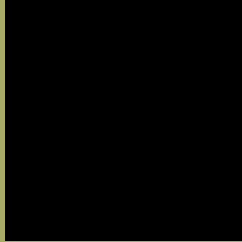
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 38.3902, 0.3697, 0.4293

Background



This preview shows how black text looks on a background with the Yxy color 38.3902, 0.3697, 0.4293.



This preview shows how white text looks on a background with the Yxy color 38.3902, 0.3697, 0.4293.

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

38.3902, 0.3697, 0.4293

Protanopia

38.1184, 0.3883, 0.4207

Deuteranopia

38.2133, 0.4077, 0.3997



Tritanopia

38.2829, 0.3154, 0.3113

Trichromacy



Original Color

38.3902, 0.3697, 0.4293

Protanomaly

38.2725, 0.3812, 0.4237

Deuteranomaly

37.9925, 0.3938, 0.4096

Tritanomaly

38.0471, 0.3365, 0.3531

Monochromacy



Original Color

38.3902, 0.3697, 0.4293

Achromatopsia

36.1307, 0.3127, 0.3290

Achromatomaly

36.6962, 0.3339, 0.3658

CSS Examples

Text

The CSS property to change the color of the text to Yxy 38.3902, 0.3697, 0.4293 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(168, 171, 101)` looks like.

```
.text, #text, p{  
    color:rgb(168, 171, 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(168, 171, 101) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 171, 101) }
```

Border

The CSS property to change the border of an element to Yxy 38.3902, 0.3697, 0.4293 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(168, 171, 101) }
```

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

```
.border{ border-color:rgb(168, 171, 101) }
```

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

Here you see how a box with a 4 pixel `rgb(168, 171, 101)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 171, 101); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 171, 101);  
box-shadow:4px 4px 4px 4px rgb(168, 171,  
101) }
```


Background

The CSS property to change the background color of an element to Yxy 38.3902, 0.3697, 0.4293 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 171, 101) }
```

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

```
.background{ background-color: rgb(168,  
171, 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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