

Converting Colors

$Yxy(38.8371, 0.3646, 0.4392)$

Have a look what the booklet for
Yxy(38.8371, 0.3646, 0.4392)
contains.

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Color

Yxy(38.8353, 0.3646, 0.4392)

Conversions

Conversions Part 1

Format	Color
Hex	A2AE62
RGB	162, 174, 98
RGB Percent	64%, 68%, 38%
CMY	0.3647, 0.3176, 0.6157
CMYK	0.07, 0.00, 0.44, 0.32
HSL	69°, 32%, 53%
HSV	69°, 44%, 68%
XYZ	32.2390, 38.8353, 17.3486
YIQ	161.7480, 17.2440, -26.1800

Conversions

Conversions Part 2

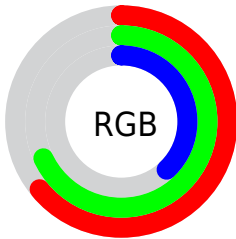
Format	Color
RYB	98, 174, 110
Decimal	10661474
CIELab	68.63, -16.09, 37.49
CIElCh	69, 40.799, 113.231
Yxy	38.8353, 0.3646, 0.4392
Android (android.graphics.Color)	4288851554 (0xFFA2AE62)
YUV	161.7480, -31.4278, 0.2210
Hunter-Lab	62.3180, -16.7131, 27.1170

Details

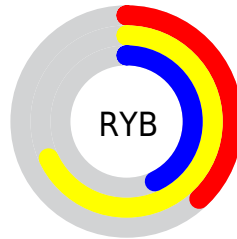
The Yxy color **38.8353, 0.3646, 0.4392** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **15.1047, 0.2441, 0.2000**, and the grayscale version is **36.1505, 0.3127, 0.3290**.

A 20% lighter version of the original color is **73.1461, 0.3562, 0.4173**, and **17.3920, 0.3761, 0.4733** is the 20% darker color. If you saturate the color by 10%, you get **38.2584, 0.3744, 0.4628**, and if you desaturate by 10%, it is **39.4934, 0.3535, 0.4140**.

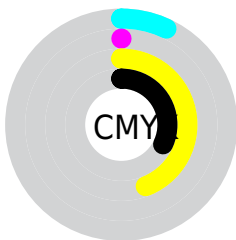
Distribution



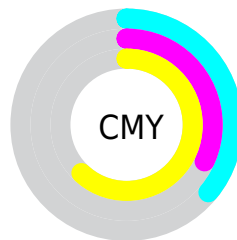
- Red (64%)
- Green (68%)
- Blue (38%)



- Red (38%)
- Yellow (68%)
- Blue (43%)



- Cyan (7%)
- Magenta (0%)
- Yellow (44%)
- Black (32%)





- Cyan (36%)
- Magenta (32%)
- Yellow (62%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 38.8353, 0.3646, 0.4392 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 38.8353, 0.3646, 0.4392 by changing the saturation by 10% instead.


 38.8353, 0.3646,
0.4392


 38.8353, 0.3646,
0.4392


341.1897, 0.3398,
0.3815


 26.6316, 0.3700,
0.4541


 73.3866, 0.3561,
0.4178

 17.2968, 0.3762,
0.4732


 96.5031, 0.3527,
0.4099

 10.4463, 0.3831,
0.4985


 124.0260, 0.3498,
0.4032

 5.6959, 0.3896,
0.5327

 156.3396, 0.3473,
0.3975

 2.6610, 0.4030,
0.5970

193.8284, 0.3451,
0.3927

 0.9574, 0.3499,
0.6501

236.8767, 0.3431,

 0.0000, 0.0000,

0.3885

0.0000

285.8691, 0.3414,
0.3847

■ 38.8353, 0.3646,
0.4392

■ 38.8353, 0.3646,
0.4392

■ 38.2584, 0.3744,
0.4628

■ 39.4934, 0.3535,
0.4140

■ 37.7528, 0.3824,
0.4838

■ 40.2319, 0.3415,
0.3882

■ 37.3150, 0.3882,
0.5011


■ 41.0563, 0.3293,
0.3626

■ 36.9389, 0.3914,
0.5143


■ 41.9705, 0.3171,
0.3378

■ 36.6172, 0.3921,
0.5230


■ 42.9778, 0.3053,
0.3144

 36.4320, 0.3918,
0.5271

 44.0816, 0.2941,
0.2925

 45.2849, 0.2836,
0.2724

 46.5907, 0.2738,
0.2540

 48.0019, 0.2648,
0.2373

Harmonies

Analogous

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



38.8353, 0.4121, 0.4169



38.8353, 0.3646, 0.4392



38.8353, 0.3058, 0.4263

Triad

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



38.8353, 0.3646, 0.4392



38.8353, 0.2049, 0.2653



38.8353, 0.3721, 0.2854

Complementary

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



38.8353, 0.3646, 0.4392



15.1047, 0.2441, 0.2000

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.



38.8353, 0.3104, 0.2524



38.8353, 0.3646, 0.4392



38.8353, 0.2183, 0.2390

Square

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



38.8353, 0.3646, 0.4392



38.8353, 0.2161, 0.3148



38.8353, 0.2549, 0.2356



38.8353, 0.4191, 0.3288

Rectangle

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



38.8353, 0.3646, 0.4392



38.8353, 0.2682, 0.3964



38.8353, 0.2549, 0.2356



38.8353, 0.3520, 0.2729

Sweetspot

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



38.8370, 0.3646, 0.4392



74.5373, 0.3287, 0.3614



20.9020, 0.4172, 0.3464



16.4910, 0.3314, 0.3669



89.0005, 0.3127, 0.3290



17.0645, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



38.8370, 0.3646, 0.4392



69.4662, 0.3737, 0.4611



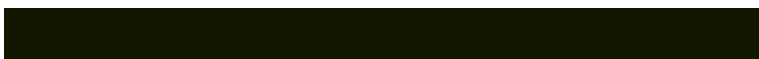
35.4862, 0.3289, 0.4534



9.2652, 0.3239, 0.3516



26.4431, 0.3921, 0.5268



0.7525, 0.4009, 0.5199

Inverse Universe

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



15.1047, 0.2441, 0.2000



21.0245, 0.2264, 0.1690



18.0296, 0.2857, 0.2136



7.8158, 0.3009, 0.3057



2.4081, 0.1576, 0.0642



0.0851, 0.1817, 0.0774

Previews

White Background



This preview shows how the Yxy color 38.8353, 0.3646, 0.4392 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 38.8353, 0.3646, 0.4392 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

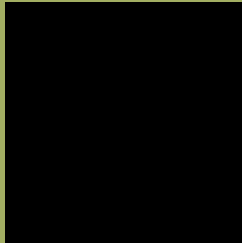
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 38.8353, 0.3646, 0.4392

Background



This preview shows how black text looks on a background with the Yxy color 38.8353, 0.3646, 0.4392.



This preview shows how white text looks on a background with the Yxy color 38.8353, 0.3646, 0.4392.

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

38.8353, 0.3646, 0.4392

Protanopia

38.5492, 0.3912, 0.4253

Deuteranopia

38.7777, 0.4118, 0.4038



Tritanopia

38.8953, 0.3080, 0.3112

Trichromacy



Original Color

38.8353, 0.3646, 0.4392

Protanomaly

38.7265, 0.3805, 0.4307

Deuteranomaly

38.5217, 0.3942, 0.4161

Tritanomaly

38.5000, 0.3292, 0.3563

Monochromacy



Original Color

38.8353, 0.3646, 0.4392

Achromatopsia

36.1307, 0.3127, 0.3290

Achromatomaly

36.8179, 0.3326, 0.3689

CSS Examples

Text

The CSS property to change the color of the text to Yxy 38.8353, 0.3646, 0.4392 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(162, 174, 98)` looks like.

```
.text, #text, p{  
    color:rgb(162, 174, 98)  
}
```

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(162, 174, 98) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 174, 98) }
```

Border

The CSS property to change the border of an element to Yxy 38.8353, 0.3646, 0.4392 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(162, 174, 98) }
```

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

```
.border{ border-color:rgb(162, 174, 98) }
```

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

Here you see how a box with a 4 pixel `rgb(162, 174, 98)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 174, 98); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 174, 98);  
box-shadow:4px 4px 4px 4px rgb(162, 174,  
98) }
```


Background

The CSS property to change the background color of an element to Yxy 38.8353, 0.3646, 0.4392 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 174, 98) }
```

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

```
.background{ background-color: rgb(162,  
174, 98) }
```

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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