

Converting Colors

$Yxy(38.5498, 0.3587, 0.4242)$

Have a look what the booklet for
Yxy(38.5498, 0.3587, 0.4242)
contains.

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Color

Yxy(38.7352, 0.3590, 0.4252)

Conversions

Conversions Part 1

Format	Color
Hex	A3AD6B
RGB	163, 173, 107
RGB Percent	64%, 68%, 42%
CMY	0.3607, 0.3216, 0.5804
CMYK	0.06, 0.00, 0.38, 0.32
HSL	69°, 29%, 55%
HSV	69°, 38%, 68%
XYZ	32.7045, 38.7352, 19.6591
YIQ	162.4860, 15.2260, -22.6460

Conversions

Conversions Part 2

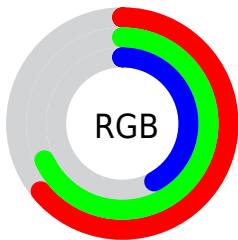
Format	Color
RYB	107, 173, 117
Decimal	10726763
CIELab	68.56, -14.11, 32.75
CIELCh	69, 35.661, 113.306
Yxy	38.7352, 0.3590, 0.4252
Android (android.graphics.Color)	4288916843 (0xFFA3AD6B)
YUV	162.4860, -27.3546, 0.4508
Hunter-Lab	62.2376, -15.1181, 24.8383

Details

The Yxy color **38.7352, 0.3590, 0.4252** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **17.3096, 0.2540, 0.2184**, and the grayscale version is **36.4987, 0.3127, 0.3290**.

A 20% lighter version of the original color is **73.0501, 0.3515, 0.4062**, and **17.2952, 0.3699, 0.4560** is the 20% darker color. If you saturate the color by 10%, you get **38.1353, 0.3697, 0.4497**, and if you desaturate by 10%, it is **39.4171, 0.3472, 0.3996**.

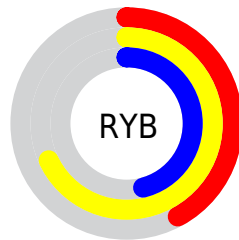
Distribution



Red (64%)

Green (68%)

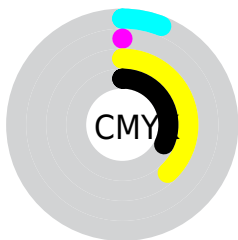
Blue (42%)



Red (42%)

Yellow (68%)

Blue (46%)

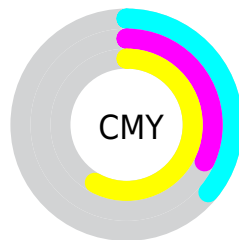


Cyan (6%)

Magenta (0%)

Yellow (38%)

Black (32%)



Cyan (36%)


Magenta (32%)


Yellow (58%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 38.7352, 0.3590, 0.4252 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 38.7352, 0.3590, 0.4252 by changing the saturation by 10% instead.


 38.7352, 0.3590,
0.4252


 38.7352, 0.3590,
0.4252

340.7634, 0.3365,
0.3747


 26.5538, 0.3641,
0.4383


 73.2336, 0.3511,
0.4064

 17.2384, 0.3703,
0.4554


 96.3194, 0.3481,
0.3995

 10.4046, 0.3775,
0.4782


 123.8088, 0.3454,
0.3937

 5.6680, 0.3854,
0.5098

 156.0862, 0.3432,
0.3887

 2.6443, 0.4135,
0.5865

193.5359, 0.3412,
0.3845

 0.9490, 0.3695,
0.6305

236.5424, 0.3394,

 0.0000, 0.0000,

0.3808

0.0000

285.4901, 0.3379,
0.3776

■ 38.7352, 0.3590,
0.4252

■ 38.7352, 0.3590,
0.4252

■ 38.1353, 0.3697,
0.4497

■ 39.4171, 0.3472,
0.3996

■ 37.6078, 0.3789,
0.4721

■ 40.1799, 0.3350,
0.3739

■ 37.1497, 0.3861,
0.4914

■ 41.0290, 0.3226,
0.3487


■ 36.7552, 0.3909,
0.5069


■ 41.9680, 0.3105,
0.3247

■ 36.4182, 0.3931,
0.5179


■ 43.0001, 0.2989,
0.3021


 36.1277, 0.3931,
0.5250

 44.1285, 0.2880,
0.2812

 36.0761, 0.3930,
0.5261

 45.3562, 0.2778,
0.2620

 46.6860, 0.2684,
0.2445

 47.6155, 0.2643,
0.2357

Harmonies

Analogous

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



38.7352, 0.4004, 0.4072



38.7352, 0.3590, 0.4252



38.7352, 0.3072, 0.4129

Triad

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



38.7352, 0.3590, 0.4252



38.7352, 0.2170, 0.2735



38.7352, 0.3649, 0.2907

Complementary

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



38.7352, 0.3590, 0.4252



17.3096, 0.2540, 0.2184

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.



38.7352, 0.3111, 0.2610



38.7352, 0.3590, 0.4252



38.7352, 0.2291, 0.2494

Square

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



38.7352, 0.3590, 0.4252



38.7352, 0.2273, 0.3171



38.7352, 0.2620, 0.2460



38.7352, 0.4057, 0.3297

Rectangle

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



38.7352, 0.3590, 0.4252



38.7352, 0.2740, 0.3872



38.7352, 0.2620, 0.2460



38.7352, 0.3475, 0.2795

Sweetspot

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



38.7369, 0.3590, 0.4252



73.0037, 0.3264, 0.3563



22.6424, 0.3989, 0.3443



15.8218, 0.3280, 0.3595



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.



38.7369, 0.3590, 0.4252



68.4373, 0.3684, 0.4465



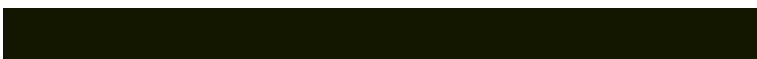
35.7012, 0.3274, 0.4359



9.2680, 0.3240, 0.3516



26.5234, 0.3933, 0.5259



0.7541, 0.4017, 0.5192

Inverse Universe

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



17.3096, 0.2540, 0.2184



24.4207, 0.2376, 0.1893



20.0042, 0.2901, 0.2288



7.8132, 0.3008, 0.3057



2.3956, 0.1571, 0.0639



0.0840, 0.1804, 0.0767

Previews

White Background



This preview shows how the Yxy color 38.7352, 0.3590, 0.4252 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 38.7352, 0.3590, 0.4252 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

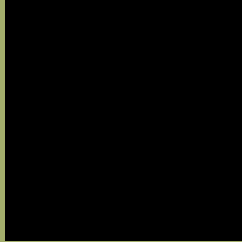
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 38.7352, 0.3590, 0.4252

Background



This preview shows how black text looks on a background with the Yxy color 38.7352, 0.3590, 0.4252.



This preview shows how white text looks on a background with the Yxy color 38.7352, 0.3590, 0.4252.

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

38.7352, 0.3590, 0.4252

Protanopia

38.6024, 0.3826, 0.4142

Deuteranopia

38.6849, 0.4016, 0.3936



Tritanopia

38.4959, 0.3089, 0.3111

Trichromacy



Original Color

38.7352, 0.3590, 0.4252

Protanomaly

38.5305, 0.3736, 0.4177

Deuteranomaly

38.5792, 0.3853, 0.4050

Tritanomaly

38.3394, 0.3277, 0.3504

Monochromacy



Original Color

38.7352, 0.3590, 0.4252

Achromatopsia

36.1307, 0.3127, 0.3290

Achromatomaly

36.9068, 0.3300, 0.3644

CSS Examples

Text

The CSS property to change the color of the text to Yxy 38.7352, 0.3590, 0.4252 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(163, 173, 107)` looks like.

```
.text, #text, p{  
    color:rgb(163, 173, 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(163, 173, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 173, 107) }
```

Border

The CSS property to change the border of an element to Yxy 38.7352, 0.3590, 0.4252 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(163, 173, 107) }
```

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

```
.border{ border-color:rgb(163, 173, 107) }
```

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

Here you see how a box with a 4 pixel rgb(163, 173, 107) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(163, 173, 107); -webkit-box-  
shadow:4px 4px 4px 4px rgb(163, 173, 107);  
box-shadow:4px 4px 4px 4px rgb(163, 173,  
107) }
```


Background

The CSS property to change the background color of an element to Yxy 38.7352, 0.3590, 0.4252 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 173, 107) }
```

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

```
.background{ background-color: rgb(163,  
173, 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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