

Converting Colors

$Yxy(38.3843, 0.3625, 0.4357)$

Have a look what the booklet for
Yxy(38.3843, 0.3625, 0.4357)
contains.

Yxy(38.3843, 0.3625, 0.4357)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(38.3843, 0.3625, 0.4357)

Conversions

Conversions Part 1

Format	Color
Hex	A1AD64
RGB	161, 173, 100
RGB Percent	63%, 68%, 39%
CMY	0.3688, 0.3215, 0.6079
CMYK	0.07, 0.00, 0.42, 0.32
HSL	70°, 31%, 54%
HSV	70°, 42%, 68%
XYZ	31.9355, 38.3843, 17.7782
YIQ	161.0900, 16.2810, -25.2470

Conversions

Conversions Part 2

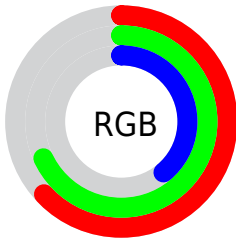
Format	Color
RYB	100, 173, 112
Decimal	10595684
CIELab	68.30, -15.77, 36.04
CIELCh	68, 39.337, 113.638
Yxy	38.3843, 0.3625, 0.4357
Android (android.graphics.Color)	4288785764 (0xFFA1AD64)
YUV	161.0900, -30.1174, -0.0789
Hunter-Lab	61.9551, -16.4113, 26.3551

Details

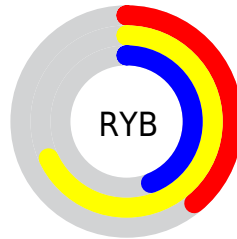
The Yxy color **38.3843, 0.3625, 0.4357** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **15.5766, 0.2474, 0.2052**, and the grayscale version is **35.8193, 0.3127, 0.3290**.

A 20% lighter version of the original color is **72.5055, 0.3545, 0.4144**, and **17.1019, 0.3738, 0.4694** is the 20% darker color. If you saturate the color by 10%, you get **37.7927, 0.3724, 0.4597**, and if you desaturate by 10%, it is **39.0573, 0.3513, 0.4103**.

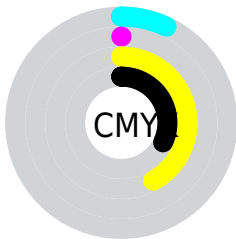
Distribution



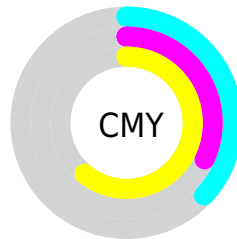
- Red (63%)
- Green (68%)
- Blue (39%)



- Red (39%)
- Yellow (68%)
- Blue (44%)



- Cyan (7%)
- Magenta (0%)
- Yellow (42%)
- Black (32%)




- Cyan (37%)
- Magenta (32%)
- Yellow (61%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 38.3843, 0.3625, 0.4357 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 38.3843, 0.3625, 0.4357 by changing the saturation by 10% instead.


 38.3843, 0.3625,
0.4357

 38.3843, 0.3625,
0.4357


339.2657, 0.3386,
0.3796

 26.2811, 0.3678,
0.4502


 72.6968, 0.3542,
0.4148


 17.0340, 0.3739,
0.4690


 95.6749, 0.3510,
0.4071

 10.2588, 0.3808,
0.4940


 123.0467, 0.3482,
0.4007

 5.5709, 0.3875,
0.5280

 155.1966, 0.3458,
0.3952

 2.5859, 0.4039,
0.5961

192.5091, 0.3436,
0.3905

 0.9196, 0.3470,
0.6530

235.3685, 0.3417,

 0.0000, 0.0000,

0.3864

0.0000

284.1592, 0.3401,
0.3828

■ 38.3843, 0.3625,
0.4357

■ 38.3843, 0.3625,
0.4357

■ 37.7927, 0.3724,
0.4597

■ 39.0573, 0.3513,
0.4103

■ 37.2726, 0.3806,
0.4812

■ 39.8107, 0.3395,
0.3844

■ 36.8208, 0.3866,
0.4994


■ 40.6501, 0.3273,
0.3588


■ 36.4313, 0.3901,
0.5133

■ 41.5790, 0.3153,
0.3343


■ 36.0973, 0.3911,
0.5229

■ 42.6009, 0.3037,
0.3111

 35.8639, 0.3906,
0.5281

 43.7191, 0.2927,
0.2895

 44.9364, 0.2823,
0.2696

 46.2559, 0.2728,
0.2515

 47.6352, 0.2644,
0.2358

Harmonies

Analogous

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



38.3843, 0.4087, 0.4149



38.3843, 0.3625, 0.4357



38.3843, 0.3054, 0.4224

Triad

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



38.3843, 0.3625, 0.4357



38.3843, 0.2079, 0.2669



38.3843, 0.3710, 0.2873

Complementary

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



38.3843, 0.3625, 0.4357



15.5766, 0.2474, 0.2052

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.



38.3843, 0.3113, 0.2549



38.3843, 0.3625, 0.4357



38.3843, 0.2213, 0.2415

Square

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



38.3843, 0.3625, 0.4357



38.3843, 0.2186, 0.3147



38.3843, 0.2573, 0.2383



38.3843, 0.4161, 0.3296

Rectangle

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



38.3843, 0.3625, 0.4357



38.3843, 0.2690, 0.3933



38.3843, 0.2573, 0.2383



38.3843, 0.3516, 0.2750

Sweetspot

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



38.3860, 0.3625, 0.4357



72.6281, 0.3286, 0.3614



21.1616, 0.4121, 0.3459



15.7114, 0.3312, 0.3668



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.



38.3860, 0.3625, 0.4357



67.7035, 0.3721, 0.4590



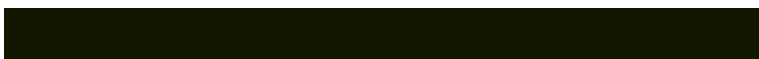
35.2140, 0.3285, 0.4487



9.2623, 0.3238, 0.3516



26.3634, 0.3909, 0.5278



0.7509, 0.4001, 0.5205

Inverse Universe

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



15.5766, 0.2474, 0.2052



21.2008, 0.2290, 0.1727



18.3745, 0.2869, 0.2177



7.8184, 0.3010, 0.3057



2.4211, 0.1581, 0.0645



0.0861, 0.1830, 0.0782

Previews

White Background



This preview shows how the Yxy color 38.3843, 0.3625, 0.4357 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 38.3843, 0.3625, 0.4357 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

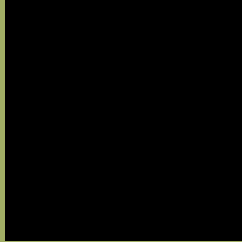
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 38.3843, 0.3625, 0.4357

Background



This preview shows how black text looks on a background with the Yxy color 38.3843, 0.3625, 0.4357.



This preview shows how white text looks on a background with the Yxy color 38.3843, 0.3625, 0.4357.

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

38.3843, 0.3625, 0.4357

Protanopia

38.0994, 0.3891, 0.4220

Deuteranopia

38.1931, 0.4086, 0.4009



Tritanopia

38.2713, 0.3071, 0.3110

Trichromacy



Original Color

38.3843, 0.3625, 0.4357

Protanomaly

38.2755, 0.3784, 0.4273

Deuteranomaly

37.9493, 0.3910, 0.4131

Tritanomaly

38.0228, 0.3284, 0.3550

Monochromacy



Original Color

38.3843, 0.3625, 0.4357

Achromatopsia

35.6400, 0.3127, 0.3290

Achromatomaly

36.3514, 0.3319, 0.3676

CSS Examples

Text

The CSS property to change the color of the text to Yxy 38.3843, 0.3625, 0.4357 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(161, 173, 100)` looks like.

```
.text, #text, p{  
    color:rgb(161, 173, 100)  
}
```

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(161, 173, 100) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 173, 100) }
```

Border

The CSS property to change the border of an element to Yxy 38.3843, 0.3625, 0.4357 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(161, 173, 100) }
```

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

```
.border{ border-color:rgb(161, 173, 100) }
```

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

Here you see how a box with a 4 pixel `rgb(161, 173, 100)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 173, 100); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 173, 100);  
box-shadow:4px 4px 4px 4px rgb(161, 173,  
100) }
```


Background

The CSS property to change the background color of an element to Yxy 38.3843, 0.3625, 0.4357 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 173, 100) }
```

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

```
.background{ background-color: rgb(161,  
173, 100) }
```

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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