

Converting Colors

$Yxy(39.2698, 0.3454, 0.4343)$

Have a look what the booklet for
Yxy(39.2698, 0.3454, 0.4343)
contains.

Yxy(39.0851, 0.3458, 0.4341)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(39.0851, 0.3458, 0.4341)

Conversions

Conversions Part 1

Format	Color
Hex	97B16B
RGB	151, 177, 107
RGB Percent	59%, 69%, 42%
CMY	0.4080, 0.3058, 0.5803
CMYK	0.15, 0.00, 0.40, 0.31
HSL	82°, 31%, 56%
HSV	82°, 40%, 69%
XYZ	31.1348, 39.0851, 19.8172
YIQ	161.2460, 6.9740, -27.2820

Conversions

Conversions Part 2

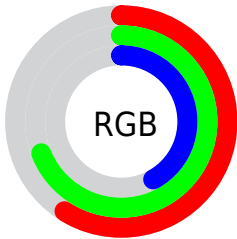
Format	Color
RYB	107, 177, 133
Decimal	9941355
CIELab	68.81, -20.90, 32.89
CIElCh	69, 38.967, 122.437
Yxy	39.0851, 0.3458, 0.4341
Android (android.graphics.Color)	4288131435 (0xFF97B16B)
YUV	161.2460, -26.7433, -8.9857
Hunter-Lab	62.5181, -20.5113, 24.9687

Details

The Yxy color **39.0851, 0.3458, 0.4341** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **18.6849, 0.2674, 0.2184**, and the grayscale version is **35.8844, 0.3127, 0.3290**.

A 20% lighter version of the original color is **73.9028, 0.3407, 0.4138**, and **17.3734, 0.3530, 0.4676** is the 20% darker color. If you saturate the color by 10%, you get **38.1390, 0.3524, 0.4618**, and if you desaturate by 10%, it is **40.1461, 0.3381, 0.4061**.

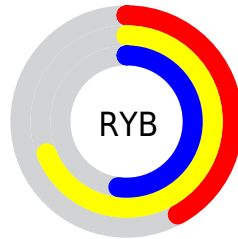
Distribution



Red (59%)

Green (69%)

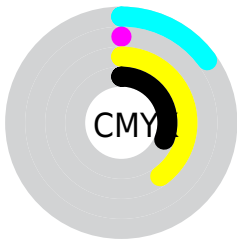
Blue (42%)



Red (42%)

Yellow (69%)

Blue (52%)

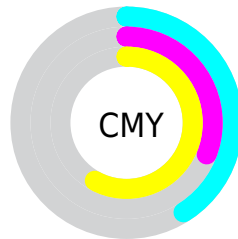


Cyan (15%)

Magenta (0%)

Yellow (40%)

Black (31%)



Cyan (41%)


Magenta (31%)


Yellow (58%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 39.0851, 0.3458, 0.4341 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 39.0851, 0.3458, 0.4341 by changing the saturation by 10% instead.


 39.0851, 0.3458,
0.4341


 39.0851, 0.3458,
0.4341


342.2522, 0.3305,
0.3783

 26.8259, 0.3490,
0.4489


 73.7683, 0.3407,
0.4131

 17.4425, 0.3525,
0.4683


 96.9611, 0.3386,
0.4055

 10.5505, 0.3561,
0.4946


 124.5673, 0.3368,
0.3990

 5.7655, 0.3585,
0.5318

 156.9712, 0.3352,
0.3936

 2.7030, 0.3774,
0.6226

194.5573, 0.3338,
0.3890

 0.9787, 0.2988,
0.7012

237.7098, 0.3326,

 0.0000, 0.0000,

0.3849

0.0000

286.8133, 0.3315,
0.3814

■ 39.0851, 0.3458,
0.4341

■ 39.0851, 0.3458,
0.4341

■ 38.1390, 0.3524,
0.4618

■ 40.1461, 0.3381,
0.4061

■ 37.2975, 0.3575,
0.4879

■ 41.3217, 0.3297,
0.3786

■ 36.5563, 0.3605,
0.5112

■ 42.6181, 0.3210,
0.3524


■ 35.9091, 0.3612,
0.5305


■ 44.0396, 0.3123,
0.3279

■ 35.3483, 0.3595,
0.5451


■ 45.5901, 0.3039,
0.3053


 34.8594, 0.3559,
0.5553

 47.2736, 0.2958,
0.2847

 34.8380, 0.3557,
0.5558

 49.0935, 0.2883,
0.2661

 51.0535, 0.2812,
0.2493

 52.4056, 0.2819,
0.2445

Harmonies

Analogous

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



39.0851, 0.3960, 0.4223



39.0851, 0.3458, 0.4341



39.0851, 0.2893, 0.4099

Triad

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



39.0851, 0.3458, 0.4341



39.0851, 0.2108, 0.2581



39.0851, 0.3855, 0.2994

Complementary

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



39.0851, 0.3458, 0.4341



18.6849, 0.2674, 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.



39.0851, 0.3288, 0.2639



39.0851, 0.3458, 0.4341



39.0851, 0.2308, 0.2396

Square

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



39.0851, 0.3458, 0.4341



39.0851, 0.2143, 0.2992



39.0851, 0.2723, 0.2425



39.0851, 0.4220, 0.3429

Rectangle

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



39.0851, 0.3458, 0.4341



39.0851, 0.2558, 0.3762



39.0851, 0.2723, 0.2425



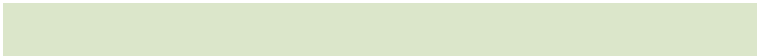
39.0851, 0.3679, 0.2864

Sweetspot

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



39.0868, 0.3458, 0.4341



75.6775, 0.3233, 0.3593



27.0982, 0.3945, 0.3670



16.3362, 0.3244, 0.3625



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.



39.0868, 0.3458, 0.4341



68.5778, 0.3514, 0.4570



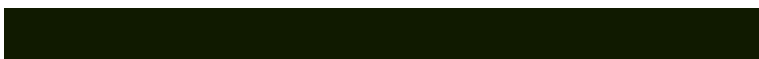
36.2474, 0.3147, 0.4451



9.7455, 0.3208, 0.3519



25.2734, 0.3564, 0.5552



0.8271, 0.3743, 0.5410

Inverse Universe

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



18.6849, 0.2674, 0.2184



27.1717, 0.2552, 0.1927



21.9832, 0.3064, 0.2300



8.3790, 0.3041, 0.3059



3.1675, 0.1815, 0.0773



0.1336, 0.2154, 0.0960

Previews

White Background



This preview shows how the Yxy color 39.0851, 0.3458, 0.4341 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 39.0851, 0.3458, 0.4341 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

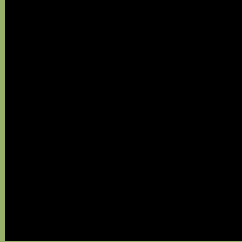
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 39.0851, 0.3458, 0.4341

Background



This preview shows how black text looks on a background with the Yxy color 39.0851, 0.3458, 0.4341.



This preview shows how white text looks on a background with the Yxy color 39.0851, 0.3458, 0.4341.

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

39.0851, 0.3458, 0.4341

Protanopia

39.0518, 0.3848, 0.4176

Deuteranopia

38.7068, 0.4006, 0.3923



Tritanopia

38.9185, 0.2958, 0.3108

Trichromacy



Original Color

39.0851, 0.3458, 0.4341

Protanomaly

38.7832, 0.3703, 0.4241

Deuteranomaly

38.4655, 0.3798, 0.4061

Tritanomaly

38.6270, 0.3143, 0.3539

Monochromacy



Original Color

39.0851, 0.3458, 0.4341

Achromatopsia

35.6400, 0.3127, 0.3290

Achromatomaly

36.7286, 0.3259, 0.3679

CSS Examples

Text

The CSS property to change the color of the text to Yxy 39.0851, 0.3458, 0.4341 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(151, 177, 107)` looks like.

```
.text, #text, p{  
    color:rgb(151, 177, 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(151, 177, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 177, 107) }
```

Border

The CSS property to change the border of an element to Yxy 39.0851, 0.3458, 0.4341 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(151, 177, 107) }
```

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

```
.border{ border-color:rgb(151, 177, 107) }
```

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

Here you see how a box with a 4 pixel `rgb(151, 177, 107)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(151, 177, 107); -webkit-box-  
shadow:4px 4px 4px 4px rgb(151, 177, 107);  
box-shadow:4px 4px 4px 4px rgb(151, 177,  
107) }
```


Background

The CSS property to change the background color of an element to Yxy 39.0851, 0.3458, 0.4341 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 177, 107) }
```

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

```
.background{ background-color: rgb(151,  
177, 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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