

Converting Colors

Yxy(39.6182, 0.3627, 0.4834)

Have a look what the booklet for
Yxy(39.6182, 0.3627, 0.4834)
contains.

Yxy(39.7452, 0.3628, 0.4840)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(39.7452, 0.3628, 0.4840)

Conversions

Conversions Part 1

Format	Color
Hex	93B54A
RGB	147, 181, 74
RGB Percent	58%, 71%, 29%
CMY	0.4235, 0.2902, 0.7098
CMYK	0.19, 0.00, 0.59, 0.29
HSL	79°, 42%, 50%
HSV	79°, 59%, 71%
XYZ	29.7925, 39.7452, 12.5805
YIQ	158.6360, 14.0830, -40.4850

Conversions

Conversions Part 2

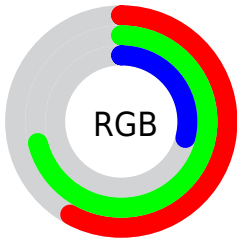
Format	Color
RYB	74, 181, 108
Decimal	9680202
CIELab	69.29, -27.97, 49.64
CIELCh	69, 56.976, 119.404
Yxy	39.7452, 0.3628, 0.4840
Android (android.graphics.Color)	4287870282 (0xFF93B54A)
YUV	158.6360, -41.7255, -10.2048
Hunter-Lab	63.0438, -25.9733, 32.2992

Details

The Yxy color **39.7452, 0.3628, 0.4840** is a dark color, and the websafe version is hex **99CC66**. A complement of this color would be **11.4237, 0.2312, 0.1556**, and the grayscale version is **34.6863, 0.3127, 0.3290**.

A 20% lighter version of the original color is **74.7712, 0.3566, 0.4545**, and **17.8125, 0.3680, 0.5307** is the 20% darker color. If you saturate the color by 10%, you get **39.0185, 0.3668, 0.5064**, and if you desaturate by 10%, it is **40.5723, 0.3567, 0.4587**.

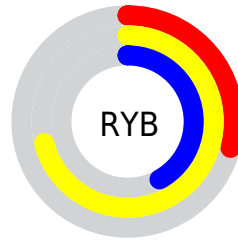
Distribution



Red (58%)

Green (71%)

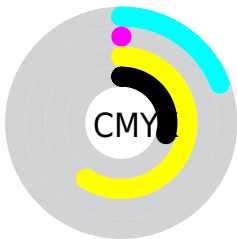
Blue (29%)



Red (29%)

Yellow (71%)

Blue (42%)

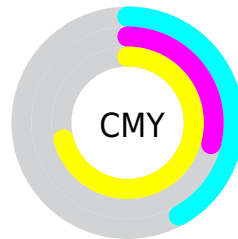


Cyan (19%)

Magenta (0%)

Yellow (59%)

Black (29%)



Cyan (42%)

Magenta (29%)

Yellow (71%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 39.7452, 0.3628, 0.4840 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 39.7452, 0.3628, 0.4840 by changing the saturation by 10% instead.


 39.7452, 0.3628,
0.4840


 39.7452, 0.3628,
0.4840


345.0485, 0.3416,
0.4025


 27.3399, 0.3660,
0.5046

 74.7754, 0.3565,
0.4539


 17.8287, 0.3684,
0.5306


 98.1690, 0.3537,
0.4427

 10.8271, 0.3685,
0.5639


 125.9943, 0.3511,
0.4333

 5.9507, 0.3717,
0.6220

 158.6356, 0.3488,
0.4253

 2.8151, 0.3406,
0.6594

 196.4772, 0.3467,
0.4184

 1.0360, 0.2213,
0.7787

239.9037, 0.3449,

 0.0000, 0.0000,

0.4124

0.0000

289.2993, 0.3432,
0.4072

■ 39.7452, 0.3628,
0.4840

■ 39.7452, 0.3628,
0.4840

■ 39.0185, 0.3668,
0.5064

■ 40.5723, 0.3567,
0.4587

■ 38.3802, 0.3684,
0.5248

■ 41.5002, 0.3491,
0.4318

■ 37.8244, 0.3676,
0.5386

■ 42.5360, 0.3404,
0.4044

■ 37.3373, 0.3647,
0.5481

■ 43.6847, 0.3310,
0.3773

■ 37.2959, 0.3644,
0.5489

■ 44.9507, 0.3214,
0.3513

■ 46.3382, 0.3119,
0.3269

■ 47.8514, 0.3027,
0.3043

■ 49.4940, 0.2939,
0.2836

■ 51.2697, 0.2856,
0.2648

Harmonies

Analogous

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



39.7452, 0.4331, 0.4534



39.7452, 0.3628, 0.4840



39.7452, 0.2835, 0.4583

Triad

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



39.7452, 0.3628, 0.4840



39.7452, 0.1718, 0.2312



39.7452, 0.4106, 0.2804

Complementary

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



39.7452, 0.3628, 0.4840



11.4237, 0.2312, 0.1556

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.



39.7452, 0.3254, 0.2352



39.7452, 0.3628, 0.4840



39.7452, 0.1949, 0.2060

Square

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



39.7452, 0.3628, 0.4840



39.7452, 0.1782, 0.2898



39.7452, 0.2473, 0.2088



39.7452, 0.4683, 0.3369

Rectangle

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



39.7452, 0.3628, 0.4840



39.7452, 0.2362, 0.4080



39.7452, 0.2473, 0.2088



39.7452, 0.3835, 0.2636

Sweetspot

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



39.7470, 0.3628, 0.4840



78.4105, 0.3302, 0.3751



21.0205, 0.4592, 0.3764



16.8139, 0.3330, 0.3828



91.1408, 0.3127, 0.3290



17.8868, 0.3127, 0.3290

Same Dimension

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



39.7470, 0.3628, 0.4840



69.5097, 0.3676, 0.5125



35.9038, 0.3170, 0.5095



9.7686, 0.3216, 0.3518



25.7480, 0.3651, 0.5483



0.8397, 0.3808, 0.5358

Inverse Universe

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



11.4237, 0.2312, 0.1556



14.1763, 0.2095, 0.1193



15.8522, 0.2944, 0.1825



8.3569, 0.3033, 0.3058



2.9436, 0.1738, 0.0731



0.1247, 0.2069, 0.0914

Previews

White Background



This preview shows how the Yxy color 39.7452, 0.3628, 0.4840 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 39.7452, 0.3628, 0.4840 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 39.7452, 0.3628, 0.4840

Background



This preview shows how black text looks on a background with the Yxy color 39.7452, 0.3628, 0.4840.



This preview shows how white text looks on a background with the Yxy color 39.7452, 0.3628, 0.4840.

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

39.7452, 0.3628, 0.4840

Protanopia

39.5095, 0.4139, 0.4538

Deuteranopia

39.4788, 0.4334, 0.4255



Tritanopia

39.6419, 0.2934, 0.3108

Trichromacy



Original Color

39.7452, 0.3628, 0.4840

Protanomaly

39.2263, 0.3951, 0.4652

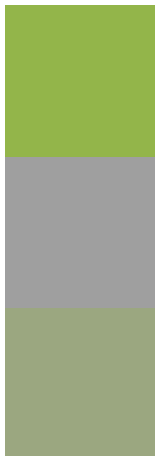
Deuteranomaly

38.9944, 0.4073, 0.4458

Tritanomaly

39.2238, 0.3213, 0.3749

Monochromacy



Original Color

39.7452, 0.3628, 0.4840

Achromatopsia

34.6704, 0.3127, 0.3290

Achromatomaly

36.1645, 0.3353, 0.3882

CSS Examples

Text

The CSS property to change the color of the text to Yxy 39.7452, 0.3628, 0.4840 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(147, 181, 74)` looks like.

```
.text, #text, p{  
    color:rgb(147, 181, 74)  
}
```

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(147, 181, 74) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(147, 181, 74) }
```

Border

The CSS property to change the border of an element to Yxy 39.7452, 0.3628, 0.4840 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(147, 181, 74) }
```

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

```
.border{ border-color:rgb(147, 181, 74) }
```

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

Here you see how a box with a 4 pixel `rgb(147, 181, 74)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(147, 181, 74); -webkit-box-  
shadow:4px 4px 4px 4px rgb(147, 181, 74);  
box-shadow:4px 4px 4px 4px rgb(147, 181,  
74) }
```


Background

The CSS property to change the background color of an element to Yxy 39.7452, 0.3628, 0.4840 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(147, 181, 74) }
```

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

```
.background{ background-color: rgb(147,  
181, 74) }
```

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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