

Converting Colors

$Y_{xy}(39.2101, 0.3336, 0.4071)$

Have a look what the booklet for
Yxy(39.2101, 0.3336, 0.4071)
contains.

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Color

Yxy(39.1813, 0.3337, 0.4072)

Conversions

Conversions Part 1

Format	Color
Hex	98B07C
RGB	152, 176, 124
RGB Percent	60%, 69%, 49%
CMY	0.4040, 0.3098, 0.5138
CMYK	0.14, 0.00, 0.30, 0.31
HSL	88°, 25%, 59%
HSV	88°, 30%, 69%
XYZ	32.1090, 39.1813, 24.9309
YIQ	162.8960, 2.3880, -21.2600

Conversions

Conversions Part 2

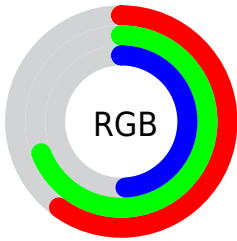
Format	Color
RYB	124, 176, 148
Decimal	10006652
CIELab	68.88, -17.64, 23.99
CIELCh	69, 29.782, 126.327
Yxy	39.1813, 0.3337, 0.4072
Android (android.graphics.Color)	4288196732 (0xFF98B07C)
YUV	162.8960, -19.1757, -9.5558
Hunter-Lab	62.5950, -17.9769, 20.2019

Details

The Yxy color **39.1813, 0.3337, 0.4072** is a light color, and the websafe version is hex **999966**. A complement of this color would be **23.8403, 0.2859, 0.2501**, and the grayscale version is **36.6644, 0.3127, 0.3290**.

A 20% lighter version of the original color is **74.1529, 0.3303, 0.3917**, and **17.3832, 0.3378, 0.4315** is the 20% darker color. If you saturate the color by 10%, you get **38.0194, 0.3399, 0.4362**, and if you desaturate by 10%, it is **40.4798, 0.3268, 0.3791**.

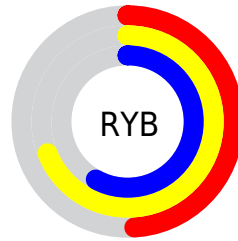
Distribution



Red (60%)

Green (69%)

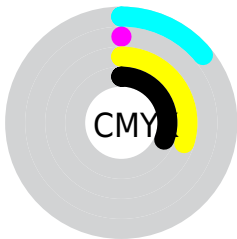
Blue (49%)



Red (49%)

Yellow (69%)

Blue (58%)

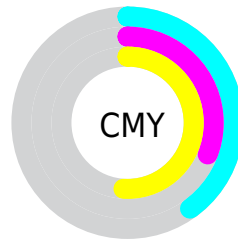


Cyan (14%)

Magenta (0%)

Yellow (30%)

Black (31%)



Cyan (40%)


Magenta (31%)


Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 39.1813, 0.3337, 0.4072 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 39.1813, 0.3337, 0.4072 by changing the saturation by 10% instead.

 39.1813, 0.3337,
0.4072


 39.1813, 0.3337,
0.4072


342.6607, 0.3238,
0.3657


 26.9008, 0.3359,
0.4183


 73.9152, 0.3303,
0.3916

 17.4987, 0.3385,
0.4330


 97.1374, 0.3289,
0.3859

 10.5907, 0.3415,
0.4533


 124.7756, 0.3278,
0.3811

 5.7923, 0.3445,
0.4829

157.2142, 0.3268,
0.3771

 2.7192, 0.3488,
0.5337

194.8376, 0.3259,
0.3736

 0.9870, 0.3380,
0.6620

238.0303, 0.3251,

 0.0000, 0.0000,

0.3706

0.0000

287.1765, 0.3244,
0.3680

■ 39.1813, 0.3337,
0.4072

■ 39.1813, 0.3337,
0.4072

■ 38.0194, 0.3399,
0.4362

■ 40.4798, 0.3268,
0.3791

■ 36.9837, 0.3450,
0.4652

■ 41.9148, 0.3196,
0.3526

■ 36.0703, 0.3486,
0.4928

■ 43.4926, 0.3124,
0.3280

■ 35.2727, 0.3502,
0.5178

■ 45.2176, 0.3053,
0.3055

■ 34.5841, 0.3497,
0.5388

■ 47.0941, 0.2985,
0.2851

■ 33.9963, 0.3469,
0.5547

■ 49.1261, 0.2921,
0.2668

■ 33.4943, 0.3424,
0.5660

■ 51.3174, 0.2860,
0.2505

■ 33.4736, 0.3422,
0.5665

■ 53.0255, 0.2869,
0.2446

■ 54.3016, 0.2931,
0.2461

Harmonies

Analogous

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



39.1813, 0.3733, 0.4036



39.1813, 0.3337, 0.4072



39.1813, 0.2901, 0.3851

Triad

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



39.1813, 0.3337, 0.4072



39.1813, 0.2339, 0.2719



39.1813, 0.3731, 0.3108

Complementary

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



39.1813, 0.3337, 0.4072



23.8403, 0.2859, 0.2501

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.



39.1813, 0.3315, 0.2811



39.1813, 0.3337, 0.4072



39.1813, 0.2524, 0.2585

Square

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



39.1813, 0.3337, 0.4072



39.1813, 0.2345, 0.3023



39.1813, 0.2872, 0.2624



39.1813, 0.3978, 0.3459

Rectangle

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



39.1813, 0.3337, 0.4072



39.1813, 0.2648, 0.3592



39.1813, 0.2872, 0.2624



39.1813, 0.3604, 0.3000

Sweetspot

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



39.1830, 0.3337, 0.4072



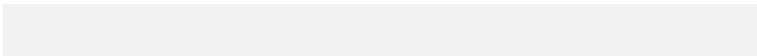
76.1215, 0.3193, 0.3515



31.6752, 0.3674, 0.3632



16.4126, 0.3204, 0.3552



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.



39.1830, 0.3337, 0.4072



69.7518, 0.3376, 0.4247



36.9887, 0.3110, 0.4129



9.7078, 0.3195, 0.3520



24.5925, 0.3429, 0.5659



0.8080, 0.3639, 0.5493

Inverse Universe

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



23.8403, 0.2859, 0.2501



37.7072, 0.2790, 0.2322



26.4752, 0.3132, 0.2562



8.4160, 0.3055, 0.3060



3.6259, 0.1965, 0.0856



0.1489, 0.2291, 0.1036

Previews

White Background



This preview shows how the Yxy color 39.1813, 0.3337, 0.4072 looks on a white background.

Color Contrast Check

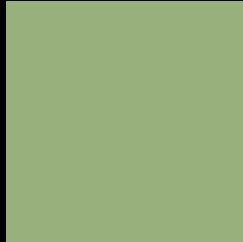
Large Text (above 18pt) WCAG AA × Fail

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 39.1813, 0.3337, 0.4072 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

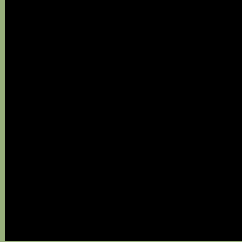
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 39.1813, 0.3337, 0.4072

Background



This preview shows how black text looks on a background with the Yxy color 39.1813, 0.3337, 0.4072.



This preview shows how white text looks on a background with the Yxy color 39.1813, 0.3337, 0.4072.

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

39.1813, 0.3337, 0.4072

Protanopia

39.1851, 0.3680, 0.3956

Deuteranopia

38.8924, 0.3808, 0.3740



Tritanopia

39.2269, 0.2941, 0.3108

Trichromacy



Original Color

39.1813, 0.3337, 0.4072

Protanomaly

39.0523, 0.3550, 0.4008

Deuteranomaly

38.6026, 0.3634, 0.3848

Tritanomaly

39.2464, 0.3084, 0.3449

Monochromacy



Original Color

39.1813, 0.3337, 0.4072

Achromatopsia

36.6253, 0.3127, 0.3290

Achromatomaly

37.5461, 0.3207, 0.3570

CSS Examples

Text

The CSS property to change the color of the text to Yxy 39.1813, 0.3337, 0.4072 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(152, 176, 124)` looks like.

```
.text, #text, p{  
    color:rgb(152, 176, 124)  
}
```

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(152, 176, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 176, 124) }
```

Border

The CSS property to change the border of an element to Yxy 39.1813, 0.3337, 0.4072 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(152, 176, 124) }
```

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

```
.border{ border-color:rgb(152, 176, 124) }
```

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

Here you see how a box with a 4 pixel `rgb(152, 176, 124)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(152, 176, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(152, 176, 124);  
box-shadow:4px 4px 4px 4px rgb(152, 176,  
124) }
```


Background

The CSS property to change the background color of an element to Yxy 39.1813, 0.3337, 0.4072 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 176, 124) }
```

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

```
.background{ background-color: rgb(152,  
176, 124) }
```

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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