

Converting Colors

$Yxy(39.2772, 0.3467, 0.4098)$

Have a look what the booklet for
Yxy(39.2772, 0.3467, 0.4098)
contains.

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Color

Yxy(39.1811, 0.3469, 0.4098)

Conversions

Conversions Part 1

Format	Color
Hex	A1AE77
RGB	161, 174, 119
RGB Percent	63%, 68%, 47%
CMY	0.3685, 0.3177, 0.5334
CMYK	0.07, 0.00, 0.32, 0.32
HSL	74°, 25%, 57%
HSV	74°, 32%, 68%
XYZ	33.1672, 39.1811, 23.2620
YIQ	163.8430, 9.9070, -19.8610

Conversions

Conversions Part 2

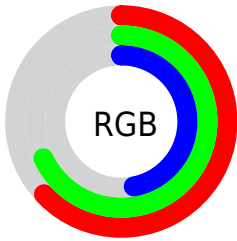
Format	Color
RYB	119, 174, 132
Decimal	10595959
CIELab	68.88, -13.86, 26.79
CIELCh	69, 30.159, 117.354
Yxy	39.1811, 0.3469, 0.4098
Android (android.graphics.Color)	4288786039 (0xFFA1AE77)
YUV	163.8430, -22.1076, -2.4933
Hunter-Lab	62.5948, -14.9588, 21.7825

Details

The Yxy color **39.1811, 0.3469, 0.4098** is a light color, and the websafe version is hex **999966**. A complement of this color would be **21.1477, 0.2705, 0.2410**, and the grayscale version is **37.1516, 0.3127, 0.3290**.

A 20% lighter version of the original color is **73.6161, 0.3406, 0.3931**, and **17.6125, 0.3556, 0.4357** is the 20% darker color. If you saturate the color by 10%, you get **38.3831, 0.3568, 0.4362**, and if you desaturate by 10%, it is **40.0731, 0.3362, 0.3833**.

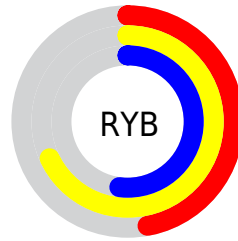
Distribution



Red (63%)

Green (68%)

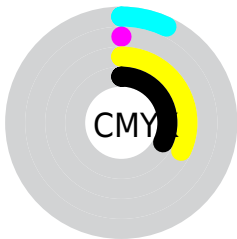
Blue (47%)



Red (47%)

Yellow (68%)

Blue (52%)

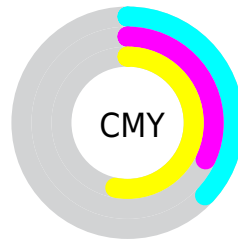


Cyan (7%)

Magenta (0%)

Yellow (32%)

Black (32%)



Cyan (37%)


Magenta (32%)


Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 39.1811, 0.3469, 0.4098 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 39.1811, 0.3469, 0.4098 by changing the saturation by 10% instead.


 39.1811, 0.3469,
0.4098


 39.1811, 0.3469,
0.4098

342.6598, 0.3302,
0.3673


 26.9006, 0.3508,
0.4210


 73.9149, 0.3410,
0.3939

 17.4986, 0.3556,
0.4357


 97.1370, 0.3387,
0.3880

 10.5906, 0.3614,
0.4557


 124.7752, 0.3368,
0.3832

 5.7923, 0.3683,
0.4843

157.2137, 0.3351,
0.3790

 2.7192, 0.3824,
0.5378

194.8370, 0.3336,
0.3755

 0.9869, 0.3766,
0.6234

238.0296, 0.3323,

 0.0000, 0.0000,

0.3724

0.0000

287.1757, 0.3312,
0.3697

■ 39.1811, 0.3469,
0.4098

■ 39.1811, 0.3469,
0.4098

■ 38.3831, 0.3568,
0.4362

■ 40.0731, 0.3362,
0.3833

■ 37.6695, 0.3656,
0.4614

■ 41.0579, 0.3253,
0.3575

■ 37.0375, 0.3726,
0.4845

■ 42.1410, 0.3144,
0.3328


■ 36.4816, 0.3775,
0.5043


■ 43.3258, 0.3039,
0.3098


■ 35.9961, 0.3799,
0.5200

■ 44.6156, 0.2939,
0.2885


 35.5738, 0.3798,
0.5311

 46.0137, 0.2845,
0.2690

 35.2561, 0.3784,
0.5378

 47.5231, 0.2757,
0.2512

 48.9399, 0.2696,
0.2382

 49.4897, 0.2726,
0.2389

Harmonies

Analogous

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



39.1811, 0.3835, 0.3989



39.1811, 0.3469, 0.4098



39.1811, 0.3027, 0.3952

Triad

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



39.1811, 0.3469, 0.4098



39.1811, 0.2311, 0.2786



39.1811, 0.3624, 0.3007

Complementary

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



39.1811, 0.3469, 0.4098



21.1477, 0.2705, 0.2410

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.



39.1811, 0.3179, 0.2735



39.1811, 0.3469, 0.4098



39.1811, 0.2441, 0.2598

Square

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



39.1811, 0.3469, 0.4098



39.1811, 0.2376, 0.3140



39.1811, 0.2749, 0.2587



39.1811, 0.3939, 0.3353

Rectangle

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



39.1811, 0.3469, 0.4098



39.1811, 0.2750, 0.3722



39.1811, 0.2749, 0.2587



39.1811, 0.3483, 0.2906

Sweetspot

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



39.1828, 0.3469, 0.4098



74.9435, 0.3226, 0.3513



26.7840, 0.3773, 0.3484



16.5963, 0.3242, 0.3549



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.



39.1828, 0.3469, 0.4098



70.0359, 0.3540, 0.4285



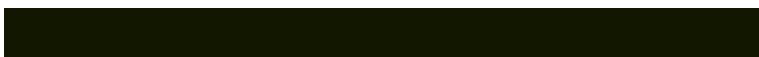
36.6428, 0.3212, 0.4168



9.2336, 0.3228, 0.3517



25.6002, 0.3788, 0.5374



0.7350, 0.3918, 0.5271

Inverse Universe

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



21.1477, 0.2705, 0.2410



32.0885, 0.2589, 0.2183



23.6504, 0.2999, 0.2480



7.8450, 0.3021, 0.3058



2.5821, 0.1643, 0.0679



0.0966, 0.1958, 0.0852

Previews

White Background



This preview shows how the Yxy color 39.1811, 0.3469, 0.4098 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 39.1811, 0.3469, 0.4098 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

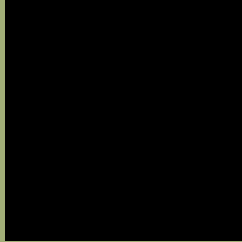
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 39.1811, 0.3469, 0.4098

Background



This preview shows how black text looks on a background with the Yxy color 39.1811, 0.3469, 0.4098.



This preview shows how white text looks on a background with the Yxy color 39.1811, 0.3469, 0.4098.

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

39.1811, 0.3469, 0.4098

Protanopia

39.0900, 0.3715, 0.4011

Deuteranopia

39.0370, 0.3877, 0.3801



Tritanopia

38.9621, 0.3045, 0.3111

Trichromacy



Original Color

39.1811, 0.3469, 0.4098

Protanomaly

39.0325, 0.3628, 0.4041

Deuteranomaly

38.9672, 0.3720, 0.3908

Tritanomaly

38.9172, 0.3202, 0.3461

Monochromacy



Original Color

39.1811, 0.3469, 0.4098

Achromatopsia

37.1238, 0.3127, 0.3290

Achromatomaly

37.9299, 0.3253, 0.3582

CSS Examples

Text

The CSS property to change the color of the text to Yxy 39.1811, 0.3469, 0.4098 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, 174, 119)` looks like.

```
.text, #text, p{  
    color:rgb(161, 174, 119)  
}
```

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, 174, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 174, 119) }
```

Border

The CSS property to change the border of an element to Yxy 39.1811, 0.3469, 0.4098 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, 174, 119) }
```

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

```
.border{ border-color:rgb(161, 174, 119) }
```

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

Here you see how a box with a 4 pixel `rgb(161, 174, 119)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(161, 174, 119); -webkit-box-shadow:4px 4px 4px 4px rgb(161, 174, 119); box-shadow:4px 4px 4px 4px rgb(161, 174, 119) }
```


Background

The CSS property to change the background color of an element to Yxy 39.1811, 0.3469, 0.4098 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 174, 119) }
```

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

```
.background{ background-color: rgb(161,  
174, 119) }
```

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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