

Converting Colors

$Yxy(38.1457, 0.3892, 0.4598)$

Have a look what the booklet for
Yxy(38.1457, 0.3892, 0.4598)
contains.

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Color

Yxy(38.0826, 0.3892, 0.4599)

Conversions

Conversions Part 1

Format	Color
Hex	A9AB4C
RGB	169, 171, 76
RGB Percent	66%, 67%, 30%
CMY	0.3373, 0.3294, 0.7018
CMYK	0.01, 0.00, 0.56, 0.33
HSL	61°, 38%, 48%
HSV	61°, 56%, 67%
XYZ	32.2282, 38.0826, 12.4955
YIQ	159.5720, 29.3030, -29.9690

Conversions

Conversions Part 2

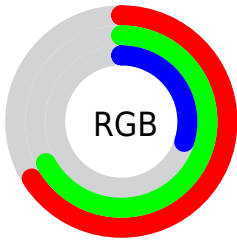
Format	Color
RYB	76, 171, 78
Decimal	11119436
CIELab	68.08, -13.76, 47.78
CIELCh	68, 49.719, 106.066
Yxy	38.0826, 0.3892, 0.4599
Android (android.graphics.Color)	4289309516 (0xFFA9AB4C)
YUV	159.5720, -41.2010, 8.2684
Hunter-Lab	61.7111, -14.7740, 31.1925

Details

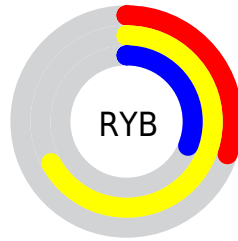
The Yxy color **38.0826, 0.3892, 0.4599** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **9.7364, 0.2092, 0.1557**, and the grayscale version is **35.1309, 0.3127, 0.3290**.

A 20% lighter version of the original color is **72.1200, 0.3771, 0.4354**, and **16.8329, 0.4043, 0.4971** is the 20% darker color. If you saturate the color by 10%, you get **37.8369, 0.3992, 0.4775**, and if you desaturate by 10%, it is **38.3951, 0.3772, 0.4391**.

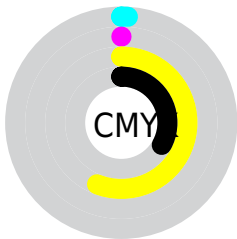
Distribution



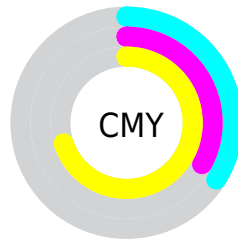
- Red (66%)
- Green (67%)
- Blue (30%)



- Red (30%)
- Yellow (67%)
- Blue (31%)



- Cyan (1%)
- Magenta (0%)
- Yellow (56%)
- Black (33%)





- Cyan (34%)
- Magenta (33%)
- Yellow (70%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 38.0826, 0.3892, 0.4599 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 38.0826, 0.3892, 0.4599 by changing the saturation by 10% instead.


 38.0826, 0.3892,
0.4599


 38.0826, 0.3892,
0.4599


337.9742, 0.3531,
0.3927

 26.0468, 0.3966,
0.4762


 72.2347, 0.3771,
0.4356


 16.8587, 0.4048,
0.4964

 95.1198, 0.3722,
0.4264


 10.1338, 0.4128,
0.5213


 122.3902, 0.3679,
0.4186

 5.4877, 0.4294,
0.5660

 154.4302, 0.3642,
0.4119

 2.5362, 0.4144,
0.5856

 191.6241, 0.3609,
0.4061

 0.8947, 0.3651,
0.6349

234.3565, 0.3580,

 0.0000, 0.0000,

0.4011

0.0000

283.0118, 0.3554,
0.3966

■ 38.0826, 0.3892,
0.4599

■ 38.0826, 0.3892,
0.4599

■ 37.8369, 0.3992,
0.4775

■ 38.3951, 0.3772,
0.4391

■ 37.6477, 0.4069,
0.4913

■ 38.7738, 0.3638,
0.4160

■ 37.5108, 0.4121,
0.5009

■ 39.2245, 0.3496,
0.3916

■ 37.4186, 0.4148,
0.5063

■ 39.7511, 0.3350,
0.3668

■ 37.3841, 0.4157,
0.5082

■ 40.3571, 0.3205,
0.3422

■ 41.0458, 0.3066,
0.3186

■ 41.8204, 0.2933,
0.2962

■ 42.6839, 0.2809,
0.2753

■ 43.6390, 0.2695,
0.2561

Harmonies

Analogous

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



38.0826, 0.4419, 0.4217



38.0826, 0.3892, 0.4599



38.0826, 0.3195, 0.4592

Triad

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



38.0826, 0.3892, 0.4599



38.0826, 0.1845, 0.2621



38.0826, 0.3674, 0.2656

Complementary

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



38.0826, 0.3892, 0.4599



9.7364, 0.2092, 0.1557

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.



38.0826, 0.2914, 0.2311



38.0826, 0.3892, 0.4599



38.0826, 0.1937, 0.2253

Square

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



38.0826, 0.3892, 0.4599



38.0826, 0.2038, 0.3277



38.0826, 0.2300, 0.2164



38.0826, 0.4326, 0.3139

Rectangle

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



38.0826, 0.3892, 0.4599



38.0826, 0.2729, 0.4291



38.0826, 0.2300, 0.2164



38.0826, 0.3417, 0.2523

Sweetspot

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



38.0844, 0.3892, 0.4599



71.0088, 0.3376, 0.3712



14.5757, 0.4734, 0.3317



15.7932, 0.3404, 0.3760



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.



38.0844, 0.3892, 0.4599



67.6580, 0.4015, 0.4816



33.7840, 0.3423, 0.4842



9.3214, 0.3260, 0.3514



28.1825, 0.4157, 0.5081



0.7867, 0.4169, 0.5072

Inverse Universe

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



9.7364, 0.2092, 0.1557



11.6106, 0.1849, 0.1156



12.4821, 0.2598, 0.1761



7.7650, 0.2989, 0.3056



2.2372, 0.1508, 0.0605



0.0648, 0.1545, 0.0625

Previews

White Background



This preview shows how the Yxy color 38.0826, 0.3892, 0.4599 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 38.0826, 0.3892, 0.4599 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 38.0826, 0.3892, 0.4599

Background



This preview shows how black text looks on a background with the Yxy color 38.0826, 0.3892, 0.4599.



This preview shows how white text looks on a background with the Yxy color 38.0826, 0.3892, 0.4599.

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

38.0826, 0.3892, 0.4599

Protanopia

37.9708, 0.4089, 0.4478

Deuteranopia

38.0120, 0.4329, 0.4236



Tritanopia

38.0906, 0.3192, 0.3127

Trichromacy



Original Color

38.0826, 0.3892, 0.4599

Protanomaly

38.0970, 0.4022, 0.4525

Deuteranomaly

37.9654, 0.4165, 0.4362

Tritanomaly

37.8592, 0.3466, 0.3674

Monochromacy



Original Color

38.0826, 0.3892, 0.4599

Achromatopsia

35.1533, 0.3127, 0.3290

Achromatomaly

35.9224, 0.3431, 0.3811

CSS Examples

Text

The CSS property to change the color of the text to Yxy 38.0826, 0.3892, 0.4599 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(169, 171, 76)` looks like.

```
.text, #text, p{  
    color:rgb(169, 171, 76)  
}
```

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(169, 171, 76) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 171, 76) }
```

Border

The CSS property to change the border of an element to Yxy 38.0826, 0.3892, 0.4599 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(169, 171, 76) }
```

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

```
.border{ border-color:rgb(169, 171, 76) }
```

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

Here you see how a box with a 4 pixel `rgb(169, 171, 76)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 171, 76); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 171, 76);  
box-shadow:4px 4px 4px 4px rgb(169, 171,  
76) }
```


Background

The CSS property to change the background color of an element to Yxy 38.0826, 0.3892, 0.4599 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 171, 76) }
```

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

```
.background{ background-color: rgb(169,  
171, 76) }
```

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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