

Converting Colors

$Yxy(38.2907, 0.3477, 0.4079)$

Have a look what the booklet for
Yxy(38.2907, 0.3477, 0.4079)
contains.

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Color

Yxy(38.3901, 0.3483, 0.4087)

Conversions

Conversions Part 1

Format	Color
Hex	A1AC76
RGB	161, 172, 118
RGB Percent	63%, 67%, 46%
CMY	0.3687, 0.3254, 0.5372
CMYK	0.06, 0.00, 0.31, 0.33
HSL	72°, 25%, 57%
HSV	72°, 31%, 67%
XYZ	32.7166, 38.3901, 22.8255
YIQ	162.5550, 10.7780, -19.1260

Conversions

Conversions Part 2

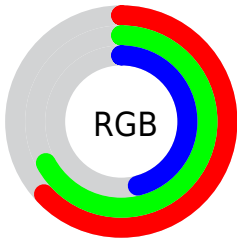
Format	Color
RYB	118, 172, 129
Decimal	10595446
CIELab	68.31, -12.98, 26.55
CIELCh	68, 29.551, 116.056
Yxy	38.3901, 0.3483, 0.4087
Android (android.graphics.Color)	4288785526 (0xFFA1AC76)
YUV	162.5550, -21.9656, -1.3637
Hunter-Lab	61.9597, -14.1762, 21.5298

Details

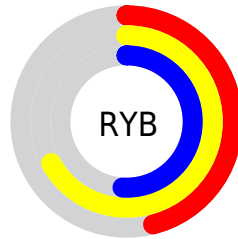
The Yxy color **38.3901, 0.3483, 0.4087** is a light color, and the websafe version is hex **999966**. A complement of this color would be **20.6068, 0.2692, 0.2413**, and the grayscale version is **36.5058, 0.3127, 0.3290**.

A 20% lighter version of the original color is **72.4774, 0.3416, 0.3922**, and **17.1138, 0.3578, 0.4343** is the 20% darker color. If you saturate the color by 10%, you get **37.6594, 0.3588, 0.4347**, and if you desaturate by 10%, it is **39.2091, 0.3371, 0.3825**.

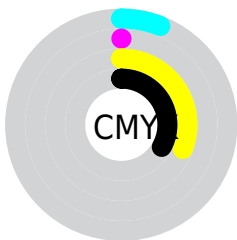
Distribution



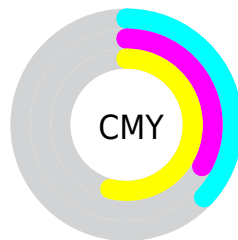
- Red (63%)
- Green (67%)
- Blue (46%)



- Red (46%)
- Yellow (67%)
- Blue (51%)



- Cyan (6%)
- Magenta (0%)
- Yellow (31%)
- Black (33%)





- Cyan (37%)
- Magenta (33%)
- Yellow (54%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 38.3901, 0.3483, 0.4087 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 38.3901, 0.3483, 0.4087 by changing the saturation by 10% instead.


 38.3901, 0.3483,
0.4087


 38.3901, 0.3483,
0.4087


339.2904, 0.3308,
0.3667

 26.2856, 0.3524,
0.4198


 72.7057, 0.3421,
0.3930

 17.0374, 0.3575,
0.4344


 95.6855, 0.3397,
0.3872

 10.2612, 0.3638,
0.4543


 123.0593, 0.3376,
0.3824

 5.5725, 0.3714,
0.4826

155.2113, 0.3359,
0.3783

 2.5869, 0.3885,
0.5385

192.5261, 0.3344,
0.3748

 0.9201, 0.3772,
0.6228

235.3879, 0.3330,

 0.0000, 0.0000,

0.3717

0.0000

284.1812, 0.3318,
0.3690

■ 38.3901, 0.3483,
0.4087

■ 38.3901, 0.3483,
0.4087

■ 37.6594, 0.3588,
0.4347

■ 39.2091, 0.3371,
0.3825

■ 37.0077, 0.3682,
0.4594

■ 40.1150, 0.3256,
0.3569

■ 36.4322, 0.3758,
0.4820


■ 41.1132, 0.3143,
0.3323

■ 35.9278, 0.3813,
0.5012


■ 42.2070, 0.3033,
0.3093

■ 35.4888, 0.3843,
0.5164


■ 43.3996, 0.2929,
0.2879


 35.1085, 0.3848,
0.5270

 44.6941, 0.2831,
0.2684

 34.8158, 0.3838,
0.5335

 46.0933, 0.2740,
0.2506

 47.5605, 0.2660,
0.2351

 48.0158, 0.2685,
0.2357

Harmonies

Analogous

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



38.3901, 0.3838, 0.3971



38.3901, 0.3483, 0.4087



38.3901, 0.3047, 0.3954

Triad

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



38.3901, 0.3483, 0.4087



38.3901, 0.2319, 0.2805



38.3901, 0.3600, 0.2997

Complementary

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



38.3901, 0.3483, 0.4087



20.6068, 0.2692, 0.2413

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.



38.3901, 0.3159, 0.2733



38.3901, 0.3483, 0.4087



38.3901, 0.2441, 0.2611

Square

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



38.3901, 0.3483, 0.4087



38.3901, 0.2392, 0.3160



38.3901, 0.2738, 0.2593



38.3901, 0.3919, 0.3337

Rectangle

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



38.3901, 0.3483, 0.4087



38.3901, 0.2772, 0.3732



38.3901, 0.2738, 0.2593



38.3901, 0.3460, 0.2898

Sweetspot

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



38.3918, 0.3483, 0.4087



73.1542, 0.3231, 0.3513



25.7291, 0.3775, 0.3455



15.8442, 0.3247, 0.3548



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.



38.3918, 0.3483, 0.4087



68.6560, 0.3561, 0.4277



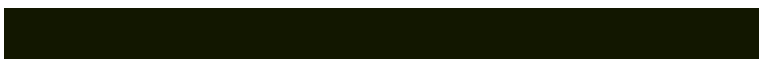
35.9027, 0.3228, 0.4156



9.2463, 0.3232, 0.3516



25.9285, 0.3842, 0.5332



0.7419, 0.3955, 0.5242

Inverse Universe

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



20.6068, 0.2692, 0.2413



31.0292, 0.2567, 0.2178



22.9854, 0.2980, 0.2482



7.8331, 0.3016, 0.3058



2.5039, 0.1613, 0.0662



0.0919, 0.1902, 0.0821

Previews

White Background



This preview shows how the Yxy color 38.3901, 0.3483, 0.4087 looks on a white background.

Color Contrast Check

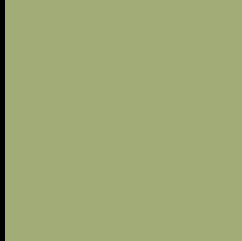
Large Text (above 18pt) WCAG AA × Fail

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 38.3901, 0.3483, 0.4087 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

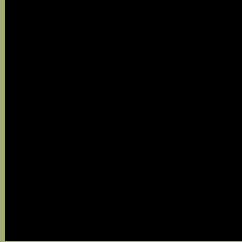
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

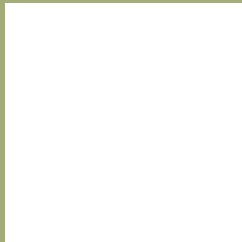
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 38.3901, 0.3483, 0.4087

Background



This preview shows how black text looks on a background with the Yxy color 38.3901, 0.3483, 0.4087.



This preview shows how white text looks on a background with the Yxy color 38.3901, 0.3483, 0.4087.

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

38.3901, 0.3483, 0.4087

Protanopia

38.2367, 0.3714, 0.3988

Deuteranopia

38.0471, 0.3876, 0.3793



Tritanopia

38.1603, 0.3062, 0.3110

Trichromacy



Original Color

38.3901, 0.3483, 0.4087

Protanomaly

38.1739, 0.3626, 0.4018

Deuteranomaly

38.0973, 0.3728, 0.3898

Tritanomaly

38.1447, 0.3213, 0.3448

Monochromacy



Original Color

38.3901, 0.3483, 0.4087

Achromatopsia

36.6253, 0.3127, 0.3290

Achromatomaly

37.0604, 0.3255, 0.3569

CSS Examples

Text

The CSS property to change the color of the text to Yxy 38.3901, 0.3483, 0.4087 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, 172, 118)` looks like.

```
.text, #text, p{  
    color:rgb(161, 172, 118)  
}
```

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, 172, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 172, 118) }
```

Border

The CSS property to change the border of an element to Yxy 38.3901, 0.3483, 0.4087 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, 172, 118) }
```

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

```
.border{ border-color:rgb(161, 172, 118) }
```

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

Here you see how a box with a 4 pixel `rgb(161, 172, 118)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 172, 118); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 172, 118);  
box-shadow:4px 4px 4px 4px rgb(161, 172,  
118) }
```


Background

The CSS property to change the background color of an element to Yxy 38.3901, 0.3483, 0.4087 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 172, 118) }
```

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

```
.background{ background-color: rgb(161,  
172, 118) }
```

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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