

Converting Colors

$Yxy(39.0918, 0.3415, 0.3993)$

Have a look what the booklet for
Yxy(39.0918, 0.3415, 0.3993)
contains.

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Color

Yxy(38.9706, 0.3413, 0.3982)

Conversions

Conversions Part 1

Format	Color
Hex	A1AD7E
RGB	161, 173, 126
RGB Percent	63%, 68%, 49%
CMY	0.3687, 0.3215, 0.5059
CMYK	0.07, 0.00, 0.27, 0.32
HSL	75°, 22%, 59%
HSV	75°, 27%, 68%
XYZ	33.4020, 38.9706, 25.4943
YIQ	164.0540, 7.9350, -17.1610

Conversions

Conversions Part 2

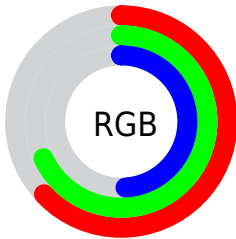
Format	Color
RYB	126, 173, 138
Decimal	10595710
CIELab	68.73, -12.37, 22.82
CIELCh	69, 25.955, 118.470
Yxy	38.9706, 0.3413, 0.3982
Android (android.graphics.Color)	4288785790 (0xFFA1AD7E)
YUV	164.0540, -18.7606, -2.6784
Hunter-Lab	62.4264, -13.7378, 19.4851

Details

The Yxy color **38.9706, 0.3413, 0.3982** is a light color, and the websafe version is hex **999966**. A complement of this color would be **23.3409, 0.2785, 0.2550**, and the grayscale version is **37.2377, 0.3127, 0.3290**.

A 20% lighter version of the original color is **73.3404, 0.3362, 0.3841**, and **17.4618, 0.3484, 0.4200** is the 20% darker color. If you saturate the color by 10%, you get **38.1116, 0.3513, 0.4249**, and if you desaturate by 10%, it is **39.9266, 0.3308, 0.3718**.

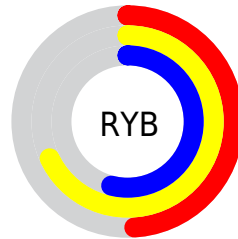
Distribution



Red (63%)

Green (68%)

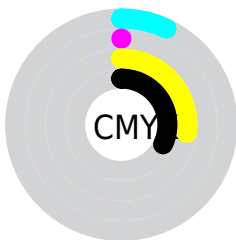
Blue (49%)



Red (49%)

Yellow (68%)

Blue (54%)

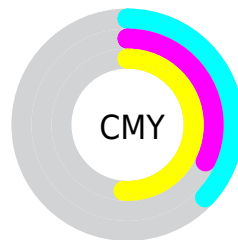


Cyan (7%)

Magenta (0%)

Yellow (27%)

Black (32%)



Cyan (37%)


Magenta (32%)


Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 38.9706, 0.3413, 0.3982 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 38.9706, 0.3413, 0.3982 by changing the saturation by 10% instead.


 38.9706, 0.3413,
0.3982


 38.9706, 0.3413,
0.3982


341.7655, 0.3272,
0.3618


 26.7369, 0.3447,
0.4079


 73.5934, 0.3363,
0.3845

 17.3757, 0.3489,
0.4206


 96.7513, 0.3343,
0.3795

 10.5027, 0.3542,
0.4380


 124.3193, 0.3327,
0.3754

 5.7335, 0.3608,
0.4631

156.6818, 0.3313,
0.3718

 2.6837, 0.3705,
0.5049

194.2233, 0.3301,
0.3688

 0.9689, 0.3889,
0.6111

237.3282, 0.3290,

 0.0000, 0.0000,

0.3661

0.0000

286.3808, 0.3280,
0.3638

■ 38.9706, 0.3413,
0.3982

■ 38.9706, 0.3413,
0.3982

■ 38.1116, 0.3513,
0.4249

■ 39.9266, 0.3308,
0.3718

■ 37.3402, 0.3602,
0.4511

■ 40.9783, 0.3202,
0.3464

■ 36.6538, 0.3677,
0.4756

■ 42.1311, 0.3098,
0.3224

■ 36.0474, 0.3732,
0.4974

■ 43.3883, 0.2998,
0.3001

■ 35.5153, 0.3764,
0.5154

■ 44.7531, 0.2903,
0.2797

■ 35.0511, 0.3771,
0.5290

■ 46.2288, 0.2814,
0.2611

■ 34.6454, 0.3755,
0.5382

■ 47.8181, 0.2732,
0.2442

■ 34.5366, 0.3749,
0.5405

■ 48.9040, 0.2714,
0.2375

■ 49.5086, 0.2746,
0.2384

Harmonies

Analogous

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



38.9706, 0.3732, 0.3904



38.9706, 0.3413, 0.3982



38.9706, 0.3030, 0.3845

Triad

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



38.9706, 0.3413, 0.3982



38.9706, 0.2417, 0.2849



38.9706, 0.3569, 0.3056

Complementary

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



38.9706, 0.3413, 0.3982



23.3409, 0.2785, 0.2550

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.



38.9706, 0.3189, 0.2813



38.9706, 0.3413, 0.3982



38.9706, 0.2538, 0.2686

Square

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



38.9706, 0.3413, 0.3982



38.9706, 0.2469, 0.3152



38.9706, 0.2814, 0.2679



38.9706, 0.3832, 0.3361

Rectangle

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



38.9706, 0.3413, 0.3982



38.9706, 0.2791, 0.3647



38.9706, 0.2814, 0.2679



38.9706, 0.3449, 0.2965

Sweetspot

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



38.9723, 0.3413, 0.3982



73.1895, 0.3212, 0.3488



28.4946, 0.3656, 0.3467



15.8437, 0.3228, 0.3524



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.



38.9723, 0.3413, 0.3982



68.7811, 0.3478, 0.4153



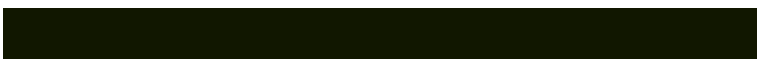
36.7796, 0.3195, 0.4032



9.2254, 0.3225, 0.3517



25.3962, 0.3754, 0.5401



0.7307, 0.3894, 0.5290

Inverse Universe

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



23.3409, 0.2785, 0.2550



35.7970, 0.2686, 0.2351



25.5390, 0.3030, 0.2601



7.8527, 0.3024, 0.3058



2.6387, 0.1664, 0.0690



0.0996, 0.1993, 0.0872

Previews

White Background



This preview shows how the Yxy color 38.9706, 0.3413, 0.3982 looks on a white background.

Color Contrast Check

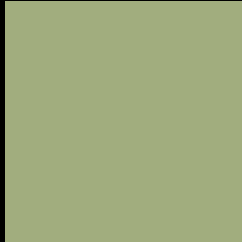
Large Text (above 18pt) WCAG AA × Fail

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 38.9706, 0.3413, 0.3982 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

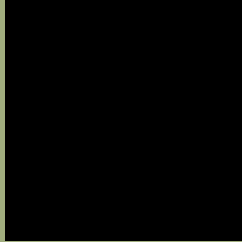
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

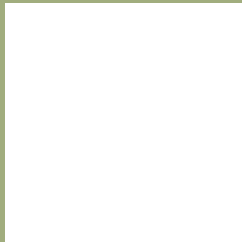
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 38.9706, 0.3413, 0.3982

Background



This preview shows how black text looks on a background with the Yxy color 38.9706, 0.3413, 0.3982.



This preview shows how white text looks on a background with the Yxy color 38.9706, 0.3413, 0.3982.

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

38.9706, 0.3413, 0.3982

Protanopia

38.7708, 0.3647, 0.3904

Deuteranopia

38.9450, 0.3789, 0.3714



Tritanopia

38.8519, 0.3036, 0.3110

Trichromacy



Original Color

38.9706, 0.3413, 0.3982

Protanomaly

38.7154, 0.3560, 0.3932

Deuteranomaly

38.6591, 0.3650, 0.3801

Tritanomaly

38.9133, 0.3167, 0.3418

Monochromacy



Original Color

38.9706, 0.3413, 0.3982

Achromatopsia

37.1238, 0.3127, 0.3290

Achromatomaly

37.6260, 0.3237, 0.3538

CSS Examples

Text

The CSS property to change the color of the text to Yxy 38.9706, 0.3413, 0.3982 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, 173, 126)` looks like.

```
.text, #text, p{  
    color:rgb(161, 173, 126)  
}
```

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, 173, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 173, 126) }
```

Border

The CSS property to change the border of an element to Yxy 38.9706, 0.3413, 0.3982 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, 173, 126) }
```

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

```
.border{ border-color:rgb(161, 173, 126) }
```

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

Here you see how a box with a 4 pixel `rgb(161, 173, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 173, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 173, 126);  
box-shadow:4px 4px 4px 4px rgb(161, 173,  
126) }
```


Background

The CSS property to change the background color of an element to Yxy 38.9706, 0.3413, 0.3982 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 173, 126) }
```

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

```
.background{ background-color: rgb(161,  
173, 126) }
```

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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