

Converting Colors

$Yxy(39.5982, 0.3804, 0.4326)$

Have a look what the booklet for
Yxy(39.5982, 0.3804, 0.4326)
contains.

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Color

Yxy(39.5982, 0.3804, 0.4326)

Conversions

Conversions Part 1

Format	Color
Hex	B0AC61
RGB	176, 172, 97
RGB Percent	69%, 67%, 38%
CMY	0.3097, 0.3255, 0.6196
CMYK	0.00, 0.02, 0.45, 0.31
HSL	57°, 33%, 54%
HSV	57°, 45%, 69%
XYZ	34.8201, 39.5982, 17.1171
YIQ	164.6460, 26.4590, -22.4770

Conversions

Conversions Part 2

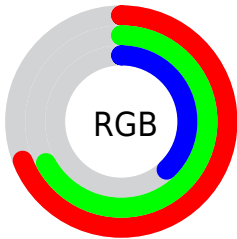
Format	Color
RYB	101, 176, 97
Decimal	11578465
CIELab	69.18, -9.40, 38.93
CIELCh	69, 40.044, 103.574
Yxy	39.5982, 0.3804, 0.4326
Android (android.graphics.Color)	4289768545 (0xFFB0AC61)
YUV	164.6460, -33.3495, 9.9575
Hunter-Lab	62.9271, -11.3513, 27.9212

Details

The Yxy color **39.5982, 0.3804, 0.4326** is a light color, and the websafe version is hex **999966**. A complement of this color would be **14.9922, 0.2309, 0.1986**, and the grayscale version is **37.6044, 0.3127, 0.3290**.

A 20% lighter version of the original color is **74.4317, 0.3690, 0.4130**, and **17.7839, 0.3969, 0.4621** is the 20% darker color. If you saturate the color by 10%, you get **38.9661, 0.3940, 0.4526**, and if you desaturate by 10%, it is **40.3091, 0.3656, 0.4105**.

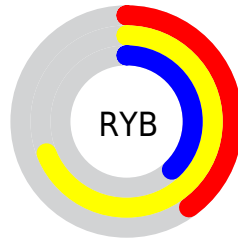
Distribution



Red (69%)

Green (67%)

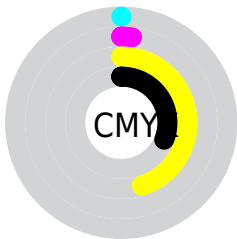
Blue (38%)



Red (40%)

Yellow (69%)

Blue (38%)

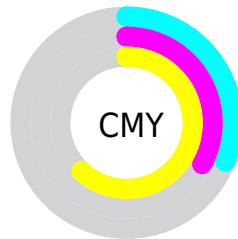


Cyan (0%)

Magenta (2%)

Yellow (45%)

Black (31%)



Cyan (31%)

Magenta (33%)

Yellow (62%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 39.5982, 0.3804, 0.4326 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 39.5982, 0.3804, 0.4326 by changing the saturation by 10% instead.


 39.5982, 0.3804,
0.4326

 39.5982, 0.3804,
0.4326


344.4271, 0.3474,
0.3795


 27.2254, 0.3879,
0.4458


 74.5513, 0.3688,
0.4132

 17.7426, 0.3969,
0.4625


 97.9004, 0.3643,
0.4059

 10.7653, 0.4075,
0.4838


 125.6770, 0.3605,
0.3998

 5.9093, 0.4193,
0.5117

 158.2655, 0.3572,
0.3945

 2.7900, 0.4396,
0.5604

196.0504, 0.3542,
0.3900

 1.0231, 0.4186,
0.5814

239.4161, 0.3517,

 0.0000, 0.0000,

0.3860

0.0000

288.7468, 0.3494,
0.3826

■ 39.5982, 0.3804,
0.4326

■ 39.5982, 0.3804,
0.4326

■ 38.9661, 0.3940,
0.4526

■ 40.3091, 0.3656,
0.4105

■ 38.4025, 0.4058,
0.4696

■ 41.0978, 0.3503,
0.3871

■ 37.9038, 0.4154,
0.4828


■ 41.9702, 0.3349,
0.3634


■ 37.4635, 0.4224,
0.4917


■ 42.9300, 0.3198,
0.3401

■ 37.0740, 0.4268,
0.4964


■ 43.9809, 0.3055,
0.3177

 36.8858, 0.4285,
0.4980

 45.1263, 0.2920,
0.2965

 46.3691, 0.2795,
0.2767

 47.7126, 0.2681,
0.2585

 49.1319, 0.2579,
0.2423

Harmonies

Analogous

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



39.5982, 0.4199, 0.4033



39.5982, 0.3804, 0.4326



39.5982, 0.3248, 0.4321

Triad

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



39.5982, 0.3804, 0.4326



39.5982, 0.2081, 0.2803



39.5982, 0.3518, 0.2746

Complementary

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



39.5982, 0.3804, 0.4326



14.9922, 0.2309, 0.1986

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.



39.5982, 0.2916, 0.2468



39.5982, 0.3804, 0.4326



39.5982, 0.2136, 0.2468

Square

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



39.5982, 0.3804, 0.4326



39.5982, 0.2271, 0.3344



39.5982, 0.2424, 0.2364



39.5982, 0.4045, 0.3146

Rectangle

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



39.5982, 0.3804, 0.4326



39.5982, 0.2865, 0.4104



39.5982, 0.2424, 0.2364



39.5982, 0.3315, 0.2637

Sweetspot

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



39.6000, 0.3804, 0.4326



76.3684, 0.3323, 0.3595



18.7482, 0.4219, 0.3215



16.4719, 0.3356, 0.3646



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.



39.6000, 0.3804, 0.4326



70.6379, 0.3940, 0.4527



37.6581, 0.3449, 0.4509



9.8308, 0.3264, 0.3504



27.0794, 0.4284, 0.4981



0.8745, 0.4256, 0.5003

Inverse Universe

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



14.9922, 0.2309, 0.1986



20.2895, 0.2101, 0.1647



16.5307, 0.2650, 0.2036



8.2975, 0.2985, 0.3067



2.4696, 0.1511, 0.0640



0.1006, 0.1557, 0.0803

Previews

White Background



This preview shows how the Yxy color 39.5982, 0.3804, 0.4326 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 39.5982, 0.3804, 0.4326 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

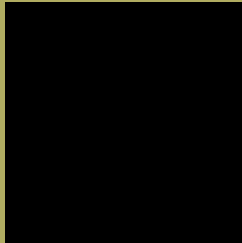
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 39.5982, 0.3804, 0.4326

Background



This preview shows how black text looks on a background with the Yxy color 39.5982, 0.3804, 0.4326.



This preview shows how white text looks on a background with the Yxy color 39.5982, 0.3804, 0.4326.

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

39.5982, 0.3804, 0.4326

Protanopia

39.5348, 0.3920, 0.4268

Deuteranopia

39.3890, 0.4140, 0.4054



Tritanopia

39.5193, 0.3210, 0.3117

Trichromacy



Original Color

39.5982, 0.3804, 0.4326

Protanomaly

39.5391, 0.3883, 0.4292

Deuteranomaly

39.2805, 0.4011, 0.4151

Tritanomaly

39.2028, 0.3440, 0.3553

Monochromacy



Original Color

39.5982, 0.3804, 0.4326

Achromatopsia

37.6262, 0.3127, 0.3290

Achromatomaly

38.3337, 0.3382, 0.3693

CSS Examples

Text

The CSS property to change the color of the text to Yxy 39.5982, 0.3804, 0.4326 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(176, 172, 97)` looks like.

```
.text, #text, p{  
    color:rgb(176, 172, 97)  
}
```

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(176, 172, 97) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 172, 97) }
```

Border

The CSS property to change the border of an element to Yxy 39.5982, 0.3804, 0.4326 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(176, 172, 97) }
```

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

```
.border{ border-color:rgb(176, 172, 97) }
```

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

Here you see how a box with a 4 pixel `rgb(176, 172, 97)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 172, 97); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 172, 97);  
box-shadow:4px 4px 4px 4px rgb(176, 172,  
97) }
```


Background

The CSS property to change the background color of an element to Yxy 39.5982, 0.3804, 0.4326 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 172, 97) }
```

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

```
.background{ background-color: rgb(176,  
172, 97) }
```

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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