

Converting Colors

$Yxy(38.5269, 0.3504, 0.4041)$

Have a look what the booklet for
Yxy(38.5269, 0.3504, 0.4041)
contains.

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Color

Yxy(38.3744, 0.3499, 0.4037)

Conversions

Conversions Part 1

Format	Color
Hex	A4AB78
RGB	164, 171, 120
RGB Percent	64%, 67%, 47%
CMY	0.3569, 0.3294, 0.5294
CMYK	0.04, 0.00, 0.30, 0.33
HSL	68°, 23%, 57%
HSV	68°, 30%, 67%
XYZ	33.2603, 38.3744, 23.4220
YIQ	163.0930, 12.1990, -17.3450

Conversions

Conversions Part 2

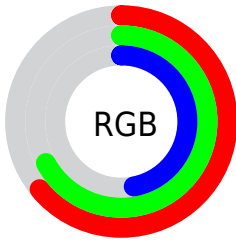
Format	Color
RYB	120, 171, 127
Decimal	10791800
CIELab	68.30, -11.00, 25.50
CIElCh	68, 27.773, 113.332
Yxy	38.3744, 0.3499, 0.4037
Android (android.graphics.Color)	4288981880 (0xFFA4AB78)
YUV	163.0930, -21.2448, 0.7954
Hunter-Lab	61.9471, -12.5680, 20.9456

Details

The Yxy color **38.3744, 0.3499, 0.4037** is a light color, and the websafe version is hex **999966**. A complement of this color would be **20.8867, 0.2683, 0.2455**, and the grayscale version is **36.7697, 0.3127, 0.3290**.

A 20% lighter version of the original color is **72.4699, 0.3428, 0.3884**, and **17.0933, 0.3603, 0.4272** is the 20% darker color. If you saturate the color by 10%, you get **37.7491, 0.3618, 0.4290**, and if you desaturate by 10%, it is **39.0819, 0.3375, 0.3781**.

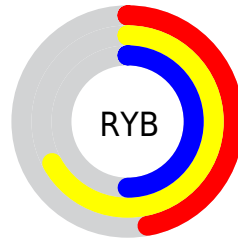
Distribution



Red (64%)

Green (67%)

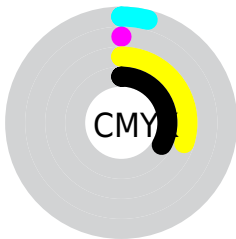
Blue (47%)



Red (47%)

Yellow (67%)

Blue (50%)

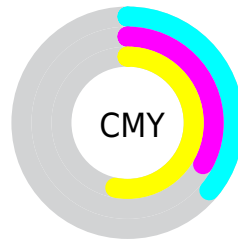


Cyan (4%)

Magenta (0%)

Yellow (30%)

Black (33%)



Cyan (36%)


Magenta (33%)


Yellow (53%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 38.3744, 0.3499, 0.4037 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 38.3744, 0.3499, 0.4037 by changing the saturation by 10% instead.


 38.3744, 0.3499,
0.4037


 38.3744, 0.3499,
0.4037

339.2233, 0.3314,
0.3645

 26.2734, 0.3544,
0.4140


 72.6816, 0.3433,
0.3890

 17.0283, 0.3599,
0.4276


 95.6567, 0.3407,
0.3836

 10.2547, 0.3669,
0.4460


 123.0251, 0.3386,
0.3791

 5.5681, 0.3757,
0.4723

155.1715, 0.3368,
0.3753

 2.5843, 0.3931,
0.5216

192.4801, 0.3352,
0.3720

 0.9188, 0.3968,
0.6032

235.3353, 0.3338,

 0.0000, 0.0000,

0.3692

0.0000

284.1216, 0.3325,
0.3667

■ 38.3744, 0.3499,
0.4037

■ 38.3744, 0.3499,
0.4037

■ 37.7491, 0.3618,
0.4290

■ 39.0819, 0.3375,
0.3781

■ 37.1969, 0.3725,
0.4530

■ 39.8702, 0.3249,
0.3528

■ 36.7152, 0.3816,
0.4747

■ 40.7444, 0.3125,
0.3286

■ 36.2992, 0.3887,
0.4931

■ 41.7077, 0.3006,
0.3058

■ 35.9433, 0.3933,
0.5076

■ 42.7633, 0.2894,
0.2845

■ 35.6413, 0.3953,
0.5176

■ 43.9139, 0.2789,
0.2650

■ 35.3794, 0.3954,
0.5241

■ 45.1625, 0.2692,
0.2472

■ 35.3750, 0.3954,
0.5243

■ 46.3948, 0.2614,
0.2328

■ 46.6856, 0.2631,
0.2332

Harmonies

Analogous

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



38.3744, 0.3820, 0.3914



38.3744, 0.3499, 0.4037



38.3744, 0.3091, 0.3932

Triad

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



38.3744, 0.3499, 0.4037



38.3744, 0.2363, 0.2860



38.3744, 0.3537, 0.2988

Complementary

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



38.3744, 0.3499, 0.4037



20.8867, 0.2683, 0.2455

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.



38.3744, 0.3120, 0.2746



38.3744, 0.3499, 0.4037



38.3744, 0.2462, 0.2660

Square

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



38.3744, 0.3499, 0.4037



38.3744, 0.2449, 0.3206



38.3744, 0.2730, 0.2626



38.3744, 0.3851, 0.3306

Rectangle

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



38.3744, 0.3499, 0.4037



38.3744, 0.2827, 0.3737



38.3744, 0.2730, 0.2626



38.3744, 0.3403, 0.2896

Sweetspot

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



38.3761, 0.3499, 0.4037



71.4973, 0.3240, 0.3512



25.1418, 0.3747, 0.3395



15.8971, 0.3258, 0.3547



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.



38.3761, 0.3499, 0.4037



67.9425, 0.3581, 0.4210



35.9485, 0.3256, 0.4099



9.2735, 0.3242, 0.3516



26.6814, 0.3956, 0.5241



0.7573, 0.4033, 0.5180

Inverse Universe

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



20.8867, 0.2683, 0.2455



31.3776, 0.2560, 0.2233



23.0778, 0.2952, 0.2516



7.8081, 0.3006, 0.3057



2.3729, 0.1562, 0.0634



0.0821, 0.1778, 0.0753

Previews

White Background



This preview shows how the Yxy color 38.3744, 0.3499, 0.4037 looks on a white background.

Color Contrast Check

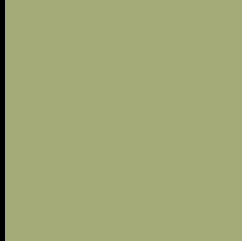
Large Text (above 18pt) WCAG AA × Fail

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 38.3744, 0.3499, 0.4037 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

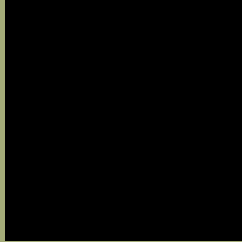
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

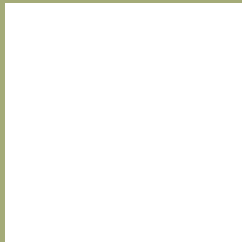
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 38.3744, 0.3499, 0.4037

Background



This preview shows how black text looks on a background with the Yxy color 38.3744, 0.3499, 0.4037.



This preview shows how white text looks on a background with the Yxy color 38.3744, 0.3499, 0.4037.

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

38.3744, 0.3499, 0.4037

Protanopia

38.1641, 0.3686, 0.3963

Deuteranopia

38.0717, 0.3866, 0.3780



Tritanopia

38.3832, 0.3080, 0.3111

Trichromacy



Original Color

38.3744, 0.3499, 0.4037

Protanomaly

38.3358, 0.3618, 0.3987

Deuteranomaly

37.8891, 0.3733, 0.3869

Tritanomaly

38.3626, 0.3232, 0.3447

Monochromacy



Original Color

38.3744, 0.3499, 0.4037

Achromatopsia

36.6253, 0.3127, 0.3290

Achromatomaly

37.1656, 0.3265, 0.3568

CSS Examples

Text

The CSS property to change the color of the text to Yxy 38.3744, 0.3499, 0.4037 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(164, 171, 120)` looks like.

```
.text, #text, p{  
    color:rgb(164, 171, 120)  
}
```

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(164, 171, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 171, 120) }
```

Border

The CSS property to change the border of an element to Yxy 38.3744, 0.3499, 0.4037 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(164, 171, 120) }
```

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

```
.border{ border-color:rgb(164, 171, 120) }
```

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

Here you see how a box with a 4 pixel `rgb(164, 171, 120)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(164, 171, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(164, 171, 120);  
box-shadow:4px 4px 4px 4px rgb(164, 171,  
120) }
```


Background

The CSS property to change the background color of an element to Yxy 38.3744, 0.3499, 0.4037 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(164, 171, 120) }
```

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

```
.background{ background-color: rgb(164,  
171, 120) }
```

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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