

Converting Colors

$Yxy(38.9862, 0.3302, 0.3702)$

Have a look what the booklet for
Yxy(38.9862, 0.3302, 0.3702)
contains.

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Color

Yxy(39.0015, 0.3301, 0.3696)

Conversions

Conversions Part 1

Format	Color
Hex	A4AB8F
RGB	164, 171, 143
RGB Percent	64%, 67%, 56%
CMY	0.3568, 0.3294, 0.4391
CMYK	0.04, 0.00, 0.16, 0.33
HSL	75°, 14%, 62%
HSV	75°, 16%, 67%
XYZ	34.8333, 39.0015, 31.6887
YIQ	165.7150, 4.8160, -10.1920

Conversions

Conversions Part 2

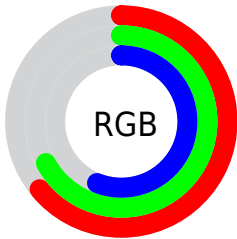
Format	Color
RYB	143, 171, 150
Decimal	10791823
CIELab	68.75, -7.50, 13.59
CIElCh	69, 15.518, 118.899
Yxy	39.0015, 0.3301, 0.3696
Android (android.graphics.Color)	4288981903 (0xFFA4AB8F)
YUV	165.7150, -11.1985, -1.5041
Hunter-Lab	62.4512, -9.7278, 13.6311

Details

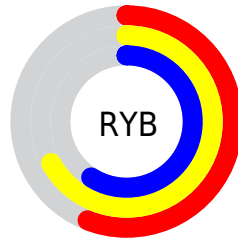
The Yxy color **39.0015, 0.3301, 0.3696** is a light color, and the websafe version is hex **999966**. A complement of this color would be **29.0790, 0.2934, 0.2867**, and the grayscale version is **38.0439, 0.3127, 0.3290**.

A 20% lighter version of the original color is **73.4840, 0.3268, 0.3611**, and **17.4287, 0.3345, 0.3822** is the 20% darker color. If you saturate the color by 10%, you get **38.0765, 0.3407, 0.3959**, and if you desaturate by 10%, it is **40.0242, 0.3194, 0.3443**.

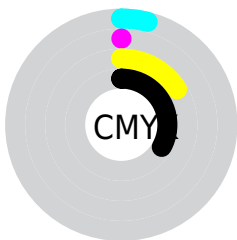
Distribution



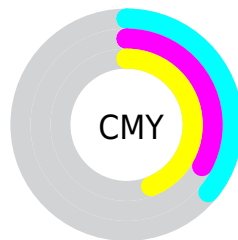
- Red (64%)
- Green (67%)
- Blue (56%)



- Red (56%)
- Yellow (67%)
- Blue (59%)



- Cyan (4%)
- Magenta (0%)
- Yellow (16%)
- Black (33%)





- Cyan (36%)
- Magenta (33%)
- Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 39.0015, 0.3301, 0.3696 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 39.0015, 0.3301, 0.3696 by changing the saturation by 10% instead.


 39.0015, 0.3301,
0.3696

 39.0015, 0.3301,
0.3696


341.8969, 0.3213,
0.3484

 26.7609, 0.3323,
0.3752


 73.6406, 0.3269,
0.3617

 17.3937, 0.3351,
0.3826


 96.8079, 0.3257,
0.3587

 10.5156, 0.3389,
0.3928


124.3862, 0.3247,
0.3563

 5.7421, 0.3440,
0.4077

156.7599, 0.3238,
0.3542

 2.6889, 0.3515,
0.4314

194.3135, 0.3231,
0.3525

 0.9716, 0.4066,
0.5354

237.4312, 0.3224,

 0.0000, 0.0000,

0.3509

0.0000

286.4975, 0.3218,
0.3496

■ 39.0015, 0.3301,
0.3696

■ 39.0015, 0.3301,
0.3696

■ 38.0765, 0.3407,
0.3959

■ 40.0242, 0.3194,
0.3443

■ 37.2404, 0.3508,
0.4225

■ 41.1430, 0.3089,
0.3205

■ 36.4908, 0.3600,
0.4487

■ 42.3629, 0.2989,
0.2984

■ 35.8236, 0.3677,
0.4732

■ 43.6869, 0.2894,
0.2781

■ 35.2338, 0.3736,
0.4952

■ 45.1181, 0.2805,
0.2596

■ 34.7162, 0.3771,
0.5134

■ 46.6594, 0.2722,
0.2429

■ 34.2646, 0.3781,
0.5273

■ 47.8056, 0.2694,
0.2348

■ 33.8706, 0.3767,
0.5367

■ 48.3791, 0.2725,
0.2356

■ 33.7351, 0.3760,
0.5397

■ 48.9690, 0.2757,
0.2364

Harmonies

Analogous

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



39.0015, 0.3490, 0.3663



39.0015, 0.3301, 0.3696



39.0015, 0.3071, 0.3610

Triad

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



39.0015, 0.3301, 0.3696



39.0015, 0.2692, 0.3028



39.0015, 0.3394, 0.3152

Complementary

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



39.0015, 0.3301, 0.3696



29.0790, 0.2934, 0.2867

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.



39.0015, 0.3171, 0.2998



39.0015, 0.3301, 0.3696



39.0015, 0.2771, 0.2922

Square

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



39.0015, 0.3301, 0.3696



39.0015, 0.2725, 0.3212



39.0015, 0.2944, 0.2914



39.0015, 0.3547, 0.3344

Rectangle

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



39.0015, 0.3301, 0.3696



39.0015, 0.2925, 0.3497



39.0015, 0.2944, 0.2914



39.0015, 0.3325, 0.3095

Sweetspot

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



39.0032, 0.3301, 0.3696



71.9260, 0.3181, 0.3412



32.3124, 0.3415, 0.3386



16.0104, 0.3188, 0.3429



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.



39.0032, 0.3301, 0.3696



69.1698, 0.3344, 0.3800



37.6401, 0.3175, 0.3712



9.2279, 0.3226, 0.3517



25.4570, 0.3764, 0.5393



0.7320, 0.3901, 0.5284

Inverse Universe

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



29.0790, 0.2934, 0.2867



47.6641, 0.2881, 0.2754



30.4369, 0.3070, 0.2884



7.8503, 0.3023, 0.3058



2.6212, 0.1658, 0.0687



0.0987, 0.1983, 0.0866

Previews

White Background



This preview shows how the Yxy color 39.0015, 0.3301, 0.3696 looks on a white background.

Color Contrast Check

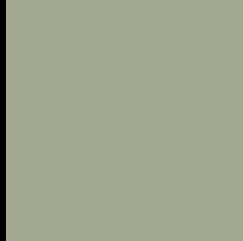
Large Text (above 18pt) WCAG AA × Fail

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 39.0015, 0.3301, 0.3696 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

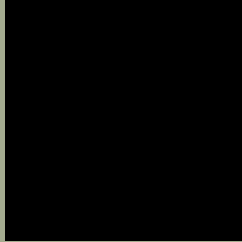
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 39.0015, 0.3301, 0.3696

Background



This preview shows how black text looks on a background with the Yxy color 39.0015, 0.3301, 0.3696.



This preview shows how white text looks on a background with the Yxy color 39.0015, 0.3301, 0.3696.

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

39.0015, 0.3301, 0.3696

Protanopia

38.9076, 0.3453, 0.3655

Deuteranopia

38.7405, 0.3583, 0.3506



Tritanopia

38.9621, 0.3045, 0.3111

Trichromacy



Original Color

39.0015, 0.3301, 0.3696

Protanomaly

38.7289, 0.3393, 0.3661

Deuteranomaly

38.8690, 0.3481, 0.3581

Tritanomaly

38.9739, 0.3135, 0.3318

Monochromacy



Original Color

39.0015, 0.3301, 0.3696

Achromatopsia

38.1326, 0.3127, 0.3290

Achromatomaly

38.4732, 0.3185, 0.3433

CSS Examples

Text

The CSS property to change the color of the text to Yxy 39.0015, 0.3301, 0.3696 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, 143)` looks like.

```
.text, #text, p{  
    color:rgb(164, 171, 143)  
}
```

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, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 171, 143) }
```

Border

The CSS property to change the border of an element to Yxy 39.0015, 0.3301, 0.3696 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, 143) }
```

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

```
.border{ border-color:rgb(164, 171, 143) }
```

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, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(164, 171, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(164, 171, 143);  
box-shadow:4px 4px 4px 4px rgb(164, 171,  
143) }
```


Background

The CSS property to change the background color of an element to Yxy 39.0015, 0.3301, 0.3696 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, 143) }
```

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

```
.background{ background-color: rgb(164,  
171, 143) }
```

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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