

Converting Colors

$Yxy(39.3267, 0.3398, 0.3856)$

Have a look what the booklet for
Yxy(39.3267, 0.3398, 0.3856)
contains.

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Color

Yxy(39.3055, 0.3404, 0.3855)

Conversions

Conversions Part 1

Format	Color
Hex	A6AC85
RGB	166, 172, 133
RGB Percent	65%, 67%, 52%
CMY	0.3491, 0.3254, 0.4784
CMYK	0.04, 0.00, 0.23, 0.33
HSL	69°, 19%, 60%
HSV	69°, 23%, 67%
XYZ	34.7071, 39.3055, 27.9472
YIQ	165.7600, 8.9430, -13.4010

Conversions

Conversions Part 2

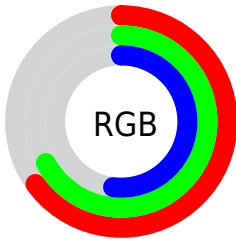
Format	Color
RYB	133, 172, 139
Decimal	10923141
CIELab	68.97, -8.88, 19.40
CIELCh	69, 21.336, 114.592
Yxy	39.3055, 0.3404, 0.3855
Android (android.graphics.Color)	4289113221 (0xFFA6AC85)
YUV	165.7600, -16.1507, 0.2105
Hunter-Lab	62.6941, -10.8980, 17.4561

Details

The Yxy color **39.3055, 0.3404, 0.3855** is a light color, and the websafe version is hex **999966**. A complement of this color would be **25.2469, 0.2811, 0.2679**, and the grayscale version is **38.0862, 0.3127, 0.3290**.

A 20% lighter version of the original color is **73.8555, 0.3354, 0.3745**, and **17.6349, 0.3487, 0.4041** is the 20% darker color. If you saturate the color by 10%, you get **38.5851, 0.3524, 0.4113**, and if you desaturate by 10%, it is **40.1132, 0.3281, 0.3600**.

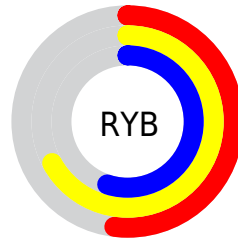
Distribution



Red (65%)

Green (67%)

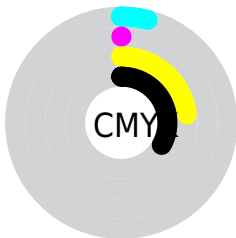
Blue (52%)



Red (52%)

Yellow (67%)

Blue (55%)

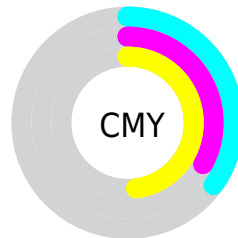


Cyan (4%)

Magenta (0%)

Yellow (23%)

Black (33%)



Cyan (35%)


Magenta (33%)


Yellow (48%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 39.3055, 0.3404, 0.3855 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 39.3055, 0.3404, 0.3855 by changing the saturation by 10% instead.


 39.3055, 0.3404,
0.3855


 39.3055, 0.3404,
0.3855


343.1876, 0.3265,
0.3560

 26.9975, 0.3438,
0.3933


 74.1048, 0.3354,
0.3745

 17.5713, 0.3482,
0.4035


 97.3648, 0.3335,
0.3704

 10.6427, 0.3538,
0.4175


 125.0443, 0.3319,
0.3670

 5.8271, 0.3614,
0.4377

157.5277, 0.3305,
0.3641

 2.7402, 0.3716,
0.4691

195.1993, 0.3293,
0.3617

 0.9977, 0.4216,
0.5784

238.4436, 0.3283,

 0.0000, 0.0000,

0.3595

0.0000

287.6449, 0.3273,
0.3576

■ 39.3055, 0.3404,
0.3855

■ 39.3055, 0.3404,
0.3855

■ 38.5851, 0.3524,
0.4113

■ 40.1132, 0.3281,
0.3600

■ 37.9430, 0.3637,
0.4365

■ 41.0066, 0.3159,
0.3354

■ 37.3767, 0.3738,
0.4603


■ 41.9907, 0.3041,
0.3121


■ 36.8818, 0.3820,
0.4815

■ 43.0687, 0.2929,
0.2904

■ 36.4531, 0.3881,
0.4992


■ 44.2437, 0.2824,
0.2705


 36.0849, 0.3916,
0.5128

 45.5184, 0.2727,
0.2523

 35.7704, 0.3927,
0.5219

 46.8956, 0.2638,
0.2358

 35.5630, 0.3924,
0.5266

 47.3313, 0.2647,
0.2347

 47.6712, 0.2666,
0.2352

Harmonies

Analogous

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



39.3055, 0.3650, 0.3778



39.3055, 0.3404, 0.3855



39.3055, 0.3091, 0.3763

Triad

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



39.3055, 0.3404, 0.3855



39.3055, 0.2535, 0.2957



39.3055, 0.3453, 0.3068

Complementary

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



39.3055, 0.3404, 0.3855



25.2469, 0.2811, 0.2679

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.



39.3055, 0.3138, 0.2873



39.3055, 0.3404, 0.3855



39.3055, 0.2619, 0.2802

Square

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



39.3055, 0.3404, 0.3855



39.3055, 0.2599, 0.3219



39.3055, 0.2835, 0.2776



39.3055, 0.3684, 0.3320

Rectangle

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



39.3055, 0.3404, 0.3855



39.3055, 0.2889, 0.3615



39.3055, 0.2835, 0.2776



39.3055, 0.3353, 0.2994

Sweetspot

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



39.3072, 0.3404, 0.3855



73.6391, 0.3213, 0.3462



28.8880, 0.3562, 0.3378



15.9835, 0.3220, 0.3476



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.



39.3072, 0.3404, 0.3855



70.6493, 0.3462, 0.3979



37.3747, 0.3221, 0.3889



9.2664, 0.3240, 0.3516



26.4795, 0.3927, 0.5264



0.7533, 0.4013, 0.5196

Inverse Universe

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



25.2469, 0.2811, 0.2679



40.7941, 0.2732, 0.2531



27.0596, 0.3008, 0.2713



7.8146, 0.3009, 0.3057



2.4024, 0.1574, 0.0641



0.0846, 0.1811, 0.0771

Previews

White Background



This preview shows how the Yxy color 39.3055, 0.3404, 0.3855 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 39.3055, 0.3404, 0.3855 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

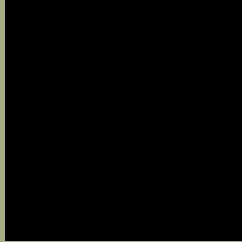
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

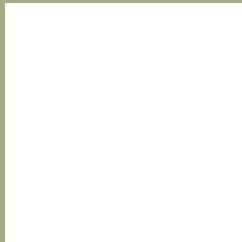
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 39.3055, 0.3404, 0.3855

Background



This preview shows how black text looks on a background with the Yxy color 39.3055, 0.3404, 0.3855.



This preview shows how white text looks on a background with the Yxy color 39.3055, 0.3404, 0.3855.

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

39.3055, 0.3404, 0.3855

Protanopia

39.2277, 0.3561, 0.3807

Deuteranopia

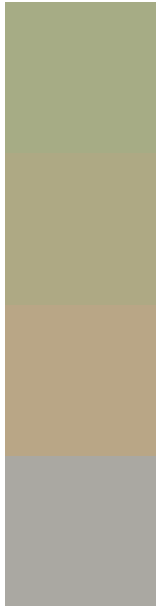
39.3257, 0.3717, 0.3649



Tritanopia

39.2978, 0.3072, 0.3112

Trichromacy



Original Color

39.3055, 0.3404, 0.3855

Protanomaly

39.0405, 0.3499, 0.3815

Deuteranomaly

39.3080, 0.3600, 0.3730

Tritanomaly

39.1599, 0.3197, 0.3374

Monochromacy



Original Color

39.3055, 0.3404, 0.3855

Achromatopsia

38.1326, 0.3127, 0.3290

Achromatomaly

38.4453, 0.3229, 0.3491

CSS Examples

Text

The CSS property to change the color of the text to Yxy 39.3055, 0.3404, 0.3855 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(166, 172, 133)` looks like.

```
.text, #text, p{  
    color:rgb(166, 172, 133)  
}
```

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(166, 172, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 172, 133) }
```

Border

The CSS property to change the border of an element to Yxy 39.3055, 0.3404, 0.3855 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(166, 172, 133) }
```

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

```
.border{ border-color:rgb(166, 172, 133) }
```

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

Here you see how a box with a 4 pixel `rgb(166, 172, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(166, 172, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(166, 172, 133);  
box-shadow:4px 4px 4px 4px rgb(166, 172,  
133) }
```


Background

The CSS property to change the background color of an element to Yxy 39.3055, 0.3404, 0.3855 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 172, 133) }
```

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

```
.background{ background-color: rgb(166,  
172, 133) }
```

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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