

Converting Colors

$Yxy(39.1589, 0.3332, 0.3700)$

Have a look what the booklet for
Yxy(39.1589, 0.3332, 0.3700)
contains.

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Color

Yxy(39.2943, 0.3338, 0.3707)

Conversions

Conversions Part 1

Format	Color
Hex	A7AB8E
RGB	167, 171, 142
RGB Percent	65%, 67%, 56%
CMY	0.3451, 0.3294, 0.4430
CMYK	0.02, 0.00, 0.17, 0.33
HSL	68°, 15%, 61%
HSV	68°, 17%, 67%
XYZ	35.3829, 39.2943, 31.3231
YIQ	166.4980, 6.9250, -9.8670

Conversions

Conversions Part 2

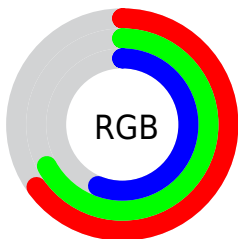
Format	Color
RYB	142, 171, 146
Decimal	10988430
CIELab	68.96, -6.54, 14.46
CIELCh	69, 15.872, 114.331
Yxy	39.2943, 0.3338, 0.3707
Android (android.graphics.Color)	4289178510 (0xFFA7AB8E)
YUV	166.4980, -12.0775, 0.4403
Hunter-Lab	62.6852, -8.9440, 14.2531

Details

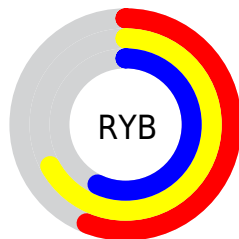
The Yxy color **39.2943, 0.3338, 0.3707** is a light color, and the websafe version is hex **999966**. A complement of this color would be **28.4107, 0.2895, 0.2847**, and the grayscale version is **38.4456, 0.3127, 0.3290**.

A 20% lighter version of the original color is **73.9078, 0.3296, 0.3621**, and **17.6112, 0.3398, 0.3836** is the 20% darker color. If you saturate the color by 10%, you get **38.5657, 0.3463, 0.3963**, and if you desaturate by 10%, it is **40.1098, 0.3213, 0.3457**.

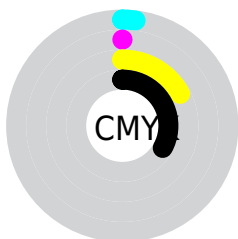
Distribution



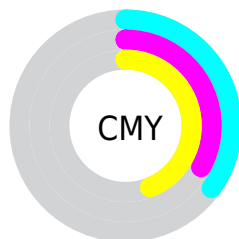
- Red (65%)
- Green (67%)
- Blue (56%)



- Red (56%)
- Yellow (67%)
- Blue (57%)



- Cyan (2%)
- Magenta (0%)
- Yellow (17%)
- Black (33%)




- Cyan (35%)
- Magenta (33%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 39.2943, 0.3338, 0.3707 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 39.2943, 0.3338, 0.3707 by changing the saturation by 10% instead.


 39.2943, 0.3338,
0.3707


 39.2943, 0.3338,
0.3707


343.1401, 0.3231,
0.3490


 26.9888, 0.3365,
0.3764


 74.0877, 0.3299,
0.3626

 17.5648, 0.3399,
0.3839


 97.3443, 0.3284,
0.3596

 10.6380, 0.3445,
0.3943


 125.0201, 0.3272,
0.3571

 5.8240, 0.3509,
0.4092

157.4994, 0.3262,
0.3550

 2.7383, 0.3602,
0.4329

195.1667, 0.3252,
0.3532

 0.9967, 0.4236,
0.5388

238.4063, 0.3245,

 0.0000, 0.0000,

0.3516

0.0000

287.6027, 0.3238,
0.3502

■ 39.2943, 0.3338,
0.3707

■ 39.2943, 0.3338,
0.3707

■ 38.5657, 0.3463,
0.3963

■ 40.1098, 0.3213,
0.3457

■ 37.9154, 0.3584,
0.4218

■ 41.0106, 0.3090,
0.3218

■ 37.3410, 0.3695,
0.4463

■ 42.0014, 0.2973,
0.2995

■ 36.8385, 0.3791,
0.4688

■ 43.0853, 0.2863,
0.2787

■ 36.4031, 0.3868,
0.4882

■ 44.2651, 0.2761,
0.2597

■ 36.0297, 0.3921,
0.5039

■ 45.5437, 0.2666,
0.2424

■ 35.7120, 0.3949,
0.5153

■ 46.4822, 0.2619,
0.2329

■ 35.4413, 0.3953,
0.5224

■ 46.7758, 0.2636,
0.2333

■ 35.3625, 0.3953,
0.5243

■ 47.0744, 0.2653,
0.2338

Harmonies

Analogous

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



39.2943, 0.3519, 0.3655



39.2943, 0.3338, 0.3707



39.2943, 0.3105, 0.3638

Triad

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



39.2943, 0.3338, 0.3707



39.2943, 0.2681, 0.3046



39.2943, 0.3368, 0.3122

Complementary

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



39.2943, 0.3338, 0.3707



28.4107, 0.2895, 0.2847

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.



39.2943, 0.3135, 0.2974



39.2943, 0.3338, 0.3707



39.2943, 0.2745, 0.2925

Square

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



39.2943, 0.3338, 0.3707



39.2943, 0.2731, 0.3243



39.2943, 0.2908, 0.2902



39.2943, 0.3539, 0.3315

Rectangle

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



39.2943, 0.3338, 0.3707



39.2943, 0.2953, 0.3531



39.2943, 0.2908, 0.2902



39.2943, 0.3294, 0.3066

Sweetspot

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



39.2960, 0.3338, 0.3707



72.1189, 0.3190, 0.3412



31.1377, 0.3434, 0.3348



16.0591, 0.3198, 0.3428



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.



39.2960, 0.3338, 0.3707



69.9116, 0.3381, 0.3794



37.8198, 0.3203, 0.3725



9.2732, 0.3242, 0.3516



26.6740, 0.3955, 0.5241



0.7572, 0.4032, 0.5180

Inverse Universe

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



28.4107, 0.2895, 0.2847



47.0432, 0.2842, 0.2748



29.8089, 0.3038, 0.2865



7.8084, 0.3006, 0.3057



2.3739, 0.1563, 0.0634



0.0821, 0.1779, 0.0754

Previews

White Background



This preview shows how the Yxy color 39.2943, 0.3338, 0.3707 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 39.2943, 0.3338, 0.3707 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

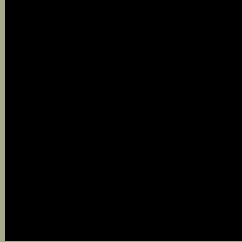
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

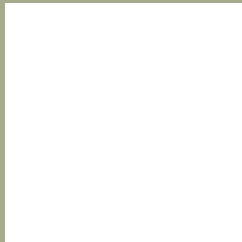
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 39.2943, 0.3338, 0.3707

Background



This preview shows how black text looks on a background with the Yxy color 39.2943, 0.3338, 0.3707.



This preview shows how white text looks on a background with the Yxy color 39.2943, 0.3338, 0.3707.

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

39.2943, 0.3338, 0.3707

Protanopia

39.2458, 0.3460, 0.3683

Deuteranopia

39.1917, 0.3599, 0.3531



Tritanopia

39.2978, 0.3072, 0.3112

Trichromacy



Original Color

39.2943, 0.3338, 0.3707

Protanomaly

39.1833, 0.3409, 0.3687

Deuteranomaly

39.0838, 0.3510, 0.3593

Tritanomaly

39.3045, 0.3163, 0.3318

Monochromacy



Original Color

39.2943, 0.3338, 0.3707

Achromatopsia

38.6429, 0.3127, 0.3290

Achromatomaly

38.6894, 0.3204, 0.3433

CSS Examples

Text

The CSS property to change the color of the text to Yxy 39.2943, 0.3338, 0.3707 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(167, 171, 142)` looks like.

```
.text, #text, p{  
    color:rgb(167, 171, 142)  
}
```

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(167, 171, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 171, 142) }
```

Border

The CSS property to change the border of an element to Yxy 39.2943, 0.3338, 0.3707 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(167, 171, 142) }
```

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

```
.border{ border-color:rgb(167, 171, 142) }
```

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

Here you see how a box with a 4 pixel `rgb(167, 171, 142)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(167, 171, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(167, 171, 142);  
box-shadow:4px 4px 4px 4px rgb(167, 171,  
142) }
```


Background

The CSS property to change the background color of an element to Yxy 39.2943, 0.3338, 0.3707 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 171, 142) }
```

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

```
.background{ background-color: rgb(167,  
171, 142) }
```

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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