

Converting Colors

$Yxy(39.3819, 0.3551, 0.3685)$

Have a look what the booklet for
Yxy(39.3819, 0.3551, 0.3685)
contains.

Yxy(39.2978, 0.3553, 0.3676)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(39.2978, 0.3553, 0.3676)

Conversions

Conversions Part 1

Format	Color
Hex	B8A68A
RGB	184, 166, 138
RGB Percent	72%, 65%, 54%
CMY	0.2786, 0.3489, 0.4589
CMYK	0.00, 0.10, 0.25, 0.28
HSL	37°, 24%, 63%
HSV	37°, 25%, 72%
XYZ	37.9829, 39.2978, 29.6230
YIQ	168.1900, 19.7160, -4.8920

Conversions

Conversions Part 2

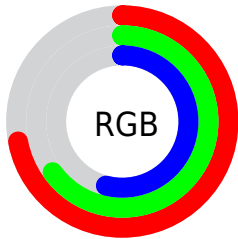
Format	Color
RYB	168, 184, 138
Decimal	12101258
CIELab	68.97, 2.05, 16.90
CIELCh	69, 17.024, 83.075
Yxy	39.2978, 0.3553, 0.3676
Android (android.graphics.Color)	4290291338 (0xFFB8A68A)
YUV	168.1900, -14.8837, 13.8654
Hunter-Lab	62.6880, -1.5501, 15.8643

Details

The Yxy color **39.2978, 0.3553, 0.3676** is a light color, and the websafe version is hex **999966**. A complement of this color would be **32.6142, 0.2729, 0.2871**, and the grayscale version is **39.3217, 0.3127, 0.3290**.

A 20% lighter version of the original color is **74.0439, 0.3466, 0.3599**, and **17.4850, 0.3678, 0.3786** is the 20% darker color. If you saturate the color by 10%, you get **36.2731, 0.3754, 0.3837**, and if you desaturate by 10%, it is **42.5621, 0.3369, 0.3517**.

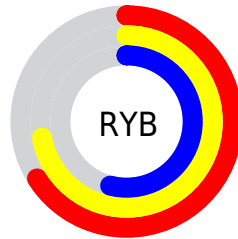
Distribution



Red (72%)

Green (65%)

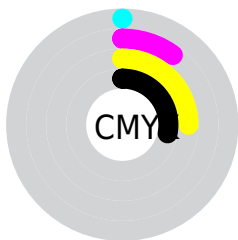
Blue (54%)



Red (66%)

Yellow (72%)

Blue (54%)

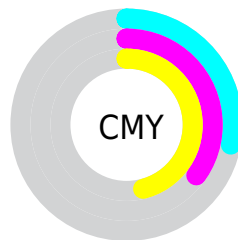


Cyan (0%)

Magenta (10%)

Yellow (25%)

Black (28%)



Cyan (28%)


Magenta (35%)

Yellow (46%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 39.2978, 0.3553, 0.3676 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 39.2978, 0.3553, 0.3676 by changing the saturation by 10% instead.


 39.2978, 0.3553,
0.3676


 39.2978, 0.3553,
0.3676


343.1550, 0.3334,
0.3479

 26.9915, 0.3609,
0.3726


 74.0930, 0.3472,
0.3604

 17.5668, 0.3683,
0.3791


 97.3507, 0.3442,
0.3577

 10.6394, 0.3781,
0.3877


 125.0277, 0.3417,
0.3554

 5.8249, 0.3921,
0.3997

157.5083, 0.3395,
0.3535

 2.7389, 0.4132,
0.4174

195.1769, 0.3377,
0.3518

 0.9970, 0.5015,
0.4985

238.4180, 0.3361,

 0.0000, 0.0000,

0.3504

0.0000

287.6158, 0.3347,
0.3491

■ 39.2978, 0.3553,
0.3676

■ 39.2978, 0.3553,
0.3676

■ 36.2731, 0.3754,
0.3837

■ 42.5621, 0.3369,
0.3517

■ 33.4756, 0.3971,
0.3993

■ 46.0670, 0.3203,
0.3363

■ 30.8999, 0.4197,
0.4136

■ 49.8207, 0.3055,
0.3219

■ 28.5380, 0.4425,
0.4255

■ 53.8290, 0.2924,
0.3083

■ 26.3812, 0.4645,
0.4338

■ 58.0977, 0.2808,
0.2958

■ 24.4199, 0.4844,
0.4375

■ 62.6321, 0.2705,
0.2843

■ 22.6427, 0.5012,
0.4360

■ 66.6568, 0.2676,
0.2857

■ 21.8113, 0.5089,
0.4341

■ 70.4222, 0.2685,
0.2940

■ 74.3504, 0.2693,
0.3021

Harmonies

Analogous

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



39.2978, 0.3629, 0.3515



39.2978, 0.3553, 0.3676



39.2978, 0.3362, 0.3738

Triad

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



39.2978, 0.3553, 0.3676



39.2978, 0.2708, 0.3249



39.2978, 0.3125, 0.2947

Complementary

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



39.2978, 0.3553, 0.3676



32.6142, 0.2729, 0.2871

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.



39.2978, 0.2883, 0.2873



39.2978, 0.3553, 0.3676



39.2978, 0.2650, 0.3035

Square

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



39.2978, 0.3553, 0.3676



39.2978, 0.2876, 0.3486



39.2978, 0.2713, 0.2902



39.2978, 0.3376, 0.3102

Rectangle

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



39.2978, 0.3553, 0.3676



39.2978, 0.3199, 0.3708



39.2978, 0.2713, 0.2902



39.2978, 0.3040, 0.2912

Sweetspot

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



39.2996, 0.3553, 0.3676



82.1602, 0.3237, 0.3395



30.7720, 0.3441, 0.3036



17.6296, 0.3246, 0.3404



93.3107, 0.3127, 0.3290



18.7317, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



39.2996, 0.3553, 0.3676



68.1980, 0.3662, 0.3765



45.7259, 0.3457, 0.3913



9.8989, 0.3273, 0.3429



15.1800, 0.5075, 0.4352



0.6517, 0.4792, 0.4577

Inverse Universe

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



32.6142, 0.2729, 0.2871



53.9886, 0.2635, 0.2763



27.4352, 0.2747, 0.2600



9.2789, 0.2985, 0.3147



5.6909, 0.1683, 0.1257



0.3222, 0.1831, 0.1792

Previews

White Background



This preview shows how the Yxy color 39.2978, 0.3553, 0.3676 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 39.2978, 0.3553, 0.3676 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

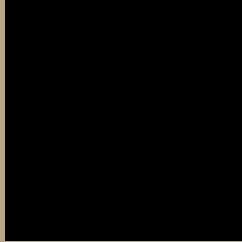
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 39.2978, 0.3553, 0.3676

Background



This preview shows how black text looks on a background with the Yxy color 39.2978, 0.3553, 0.3676.



This preview shows how white text looks on a background with the Yxy color 39.2978, 0.3553, 0.3676.

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

39.2978, 0.3553, 0.3676

Protanopia

39.3343, 0.3479, 0.3696

Deuteranopia

39.3068, 0.3668, 0.3596



Tritanopia

39.2371, 0.3269, 0.3119

Trichromacy



Original Color

39.2978, 0.3553, 0.3676

Protanomaly

39.2048, 0.3501, 0.3680

Deuteranomaly

39.1348, 0.3624, 0.3614

Tritanomaly

39.3324, 0.3376, 0.3318

Monochromacy



Original Color

39.2978, 0.3553, 0.3676

Achromatopsia

39.1572, 0.3127, 0.3290

Achromatomaly

39.0704, 0.3280, 0.3430

CSS Examples

Text

The CSS property to change the color of the text to Yxy 39.2978, 0.3553, 0.3676 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(184, 166, 138)` looks like.

```
.text, #text, p{  
    color:rgb(184, 166, 138)  
}
```

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(184, 166, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 166, 138) }
```

Border

The CSS property to change the border of an element to Yxy 39.2978, 0.3553, 0.3676 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(184, 166, 138) }
```

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

```
.border{ border-color:rgb(184, 166, 138) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 166, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 166, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 166, 138);  
box-shadow:4px 4px 4px 4px rgb(184, 166,  
138) }
```


Background

The CSS property to change the background color of an element to Yxy 39.2978, 0.3553, 0.3676 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 166, 138) }
```

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

```
.background{ background-color: rgb(184,  
166, 138) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor