

# Converting Colors

$Yxy(39.3319, 0.3292, 0.3371)$

Have a look what the booklet for  
Yxy(39.3319, 0.3292, 0.3371)  
contains.

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# Color

**Yxy(39.2755, 0.3293, 0.3373)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B2A6A0
RGB	178, 166, 160
RGB Percent	70%, 65%, 63%
CMY	0.3019, 0.3490, 0.3725
CMYK	0.00, 0.07, 0.10, 0.30
HSL	20°, 10%, 66%
HSV	20°, 10%, 70%
XYZ	38.3440, 39.2755, 38.8214
YIQ	168.9040, 9.0780, 0.6780

# Conversions

## Conversions Part 2

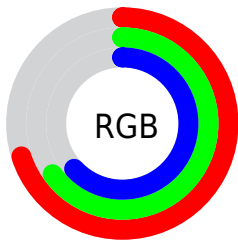
<b>Format</b>	<b>Color</b>
<b>RYB</b>	178, 169, 160
Decimal	11708064
CIELab	68.95, 3.29, 4.65
CIELCh	69, 5.691, 54.744
Yxy	39.2755, 0.3293, 0.3373
Android (android.graphics.Color)	4289898144 (0xFFB2A6A0)
YUV	168.9040, -4.3897, 7.9772
Hunter-Lab	62.6702, -0.4598, 7.1416

# Details

The Yxy color **39.2755, 0.3293, 0.3373** is a light color, and the websafe version is hex **999999**. A complement of this color would be **40.2026, 0.2974, 0.3206**, and the grayscale version is **39.6467, 0.3127, 0.3290**.

A 20% lighter version of the original color is **74.1116, 0.3261, 0.3354**, and **17.4987, 0.3336, 0.3387** is the 20% darker color. If you saturate the color by 10%, you get **34.5773, 0.3486, 0.3460**, and if you desaturate by 10%, it is **44.4652, 0.3129, 0.3291**.

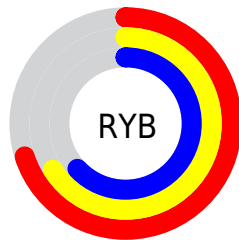
# Distribution



Red (70%)

Green (65%)

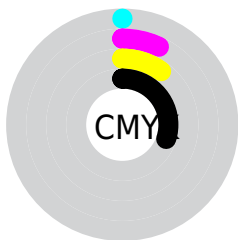
Blue (63%)



Red (70%)

Yellow (66%)

Blue (63%)

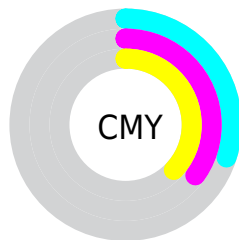


Cyan (0%)

Magenta (7%)

Yellow (10%)

Black (30%)



Cyan (30%)

Magenta (35%)


Yellow (37%)


# Brightness & Saturation Gradients

These gradients show how the Yxy color 39.2755, 0.3293, 0.3373 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 39.2755, 0.3293, 0.3373 by changing the saturation by 10% instead.





 39.2755, 0.3293,  
0.3373


 39.2755, 0.3293,  
0.3373


343.0604, 0.3207,  
0.3331

 26.9741, 0.3315,  
0.3384


 74.0590, 0.3261,  
0.3358

 17.5538, 0.3344,  
0.3398


 97.3099, 0.3250,  
0.3352

 10.6301, 0.3384,  
0.3417


124.9794, 0.3240,  
0.3347

 5.8187, 0.3442,  
0.3443

157.4520, 0.3231,  
0.3343

 2.7351, 0.3533,  
0.3484

195.1120, 0.3224,  
0.3339

 0.9951, 0.3718,  
0.3574

238.3438, 0.3218,

 0.0000, 0.0000,

0.3336

0.0000

287.5318, 0.3212,  
0.3333

■ 39.2755, 0.3293,  
0.3373

■ 39.2755, 0.3293,  
0.3373

■ 34.5773, 0.3486,  
0.3460

■ 44.4652, 0.3129,  
0.3291

■ 30.3509, 0.3713,  
0.3551

■ 50.1552, 0.2990,  
0.3215

■ 26.5828, 0.3976,  
0.3641

■ 56.3604, 0.2871,  
0.3145

■ 23.2569, 0.4275,  
0.3725

■ 63.0937, 0.2771,  
0.3081

■ 20.3561, 0.4606,  
0.3793

■ 70.3673, 0.2685,  
0.3023

■ 17.8620, 0.4956,  
0.3836

■ 77.4086, 0.2669,  
0.3094

■ 15.7548, 0.5303,  
0.3840

■ 84.5262, 0.2684,  
0.3225

■ 14.0126, 0.5615,  
0.3797

■ 88.2064, 0.2691,  
0.3289

■ 12.6187, 0.5874,  
0.3718

# Harmonies

## Analogous

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



39.2755, 0.3274, 0.3303



39.2755, 0.3293, 0.3373



39.2755, 0.3267, 0.3423

# Triad

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



39.2755, 0.3293, 0.3373



39.2755, 0.3039, 0.3351



39.2755, 0.3050, 0.3147

# Complementary

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



39.2755, 0.3293, 0.3373



40.2026, 0.2974, 0.3206

# 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.



39.2755, 0.2989, 0.3158



39.2755, 0.3293, 0.3373



39.2755, 0.2983, 0.3275

# Square

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



39.2755, 0.3293, 0.3373



39.2755, 0.3120, 0.3411



39.2755, 0.2964, 0.3204



39.2755, 0.3133, 0.3174



# Rectangle

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



39.2755, 0.3293, 0.3373



39.2755, 0.3228, 0.3437



39.2755, 0.2964, 0.3204



39.2755, 0.3026, 0.3147

# Sweetspot

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



39.2772, 0.3293, 0.3373



77.7653, 0.3174, 0.3314



37.6018, 0.3189, 0.3122



17.0590, 0.3187, 0.3321



91.1408, 0.3127, 0.3290



17.8868, 0.3127, 0.3290



# Same Dimension

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



39.2772, 0.3293, 0.3373



69.3590, 0.3331, 0.3391



42.5526, 0.3280, 0.3491



8.9520, 0.3279, 0.3366



9.1324, 0.5854, 0.3734



0.3973, 0.5305, 0.4170



# Inverse Universe

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



40.2026, 0.2974, 0.3206



71.3552, 0.2942, 0.3187



36.9939, 0.2972, 0.3081



9.1455, 0.2986, 0.3212



11.8197, 0.1939, 0.2181



0.4737, 0.2035, 0.2527



# Previews

## White Background



This preview shows how the Yxy color 39.2755, 0.3293, 0.3373 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

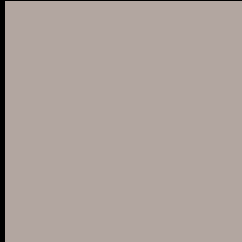
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the Yxy color 39.2755, 0.3293, 0.3373 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 39.2755, 0.3293, 0.3373**

## Background



This preview shows how black text looks on a background with the Yxy color 39.2755, 0.3293, 0.3373.



This preview shows how white text looks on a background with the Yxy color 39.2755, 0.3293, 0.3373.

# 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

39.2755, 0.3293, 0.3373

### Protanopia

39.4627, 0.3234, 0.3388

### Deuteranopia

39.3324, 0.3376, 0.3318



## Tritanopia

39.3888, 0.3172, 0.3129

# Trichromacy



## Original Color

39.2755, 0.3293, 0.3373

## Protanomaly

39.3246, 0.3254, 0.3374

## Deuteranomaly

39.3145, 0.3345, 0.3331

## Tritanomaly

39.3963, 0.3215, 0.3222

# Monochromacy



## Original Color

39.2755, 0.3293, 0.3373

## Achromatopsia

39.6755, 0.3127, 0.3290

## Achromatomaly

39.5291, 0.3181, 0.3318

# CSS Examples

## Text

The CSS property to change the color of the text to Yxy 39.2755, 0.3293, 0.3373 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(178, 166, 160)` looks like.

```
.text, #text, p{  
    color:rgb(178, 166, 160)  
}
```

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(178, 166, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 166, 160) }
```

## Border

The CSS property to change the border of an element to Yxy 39.2755, 0.3293, 0.3373 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(178, 166, 160) }
```

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

```
.border{ border-color:rgb(178, 166, 160) }
```

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

Here you see how a box with a 4 pixel `rgb(178, 166, 160)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 166, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 166, 160);  
box-shadow:4px 4px 4px 4px rgb(178, 166,  
160) }
```



# Background

The CSS property to change the background color of an element to Yxy 39.2755, 0.3293, 0.3373 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 166, 160) }
```

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

```
.background{ background-color: rgb(178,  
166, 160) }
```

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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