

Converting Colors

$Y_{xy}(39.3950, 0.3108, 0.3100)$

Have a look what the booklet for
Yxy(39.3950, 0.3108, 0.3100)
contains.

Yxy(39.3950, 0.3108, 0.3100)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(39.3950, 0.3108, 0.3100)

Conversions

Conversions Part 1

Format	Color
Hex	B0A5B3
RGB	176, 165, 179
RGB Percent	69%, 65%, 70%
CMY	0.3099, 0.3529, 0.2979
CMYK	0.02, 0.08, 0.00, 0.30
HSL	287°, 8%, 67%
HSV	287°, 8%, 70%
XYZ	39.4967, 39.3950, 48.1890
YIQ	169.8850, 2.0620, 6.6860

Conversions

Conversions Part 2

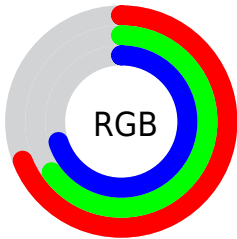
Format	Color
RYB	176, 165, 179
Decimal	11576755
CIELab	69.04, 6.58, -5.80
CIELCh	69, 8.771, 318.605
Yxy	39.3950, 0.3108, 0.3100
Android (android.graphics.Color)	4289766835 (0xFFB0A5B3)
YUV	169.8850, 4.4937, 5.3629
Hunter-Lab	62.7654, 2.4859, -1.5849

Details

The Yxy color **39.3950, 0.3108, 0.3100** is a light color, and the websafe version is hex **999999**. A complement of this color would be **43.3026, 0.3144, 0.3484**, and the grayscale version is **40.1154, 0.3127, 0.3290**.

A 20% lighter version of the original color is **74.3404, 0.3113, 0.3133**, and **17.5276, 0.3100, 0.3046** is the 20% darker color. If you saturate the color by 10%, you get **32.9364, 0.3079, 0.2847**, and if you desaturate by 10%, it is **46.7741, 0.3132, 0.3341**.

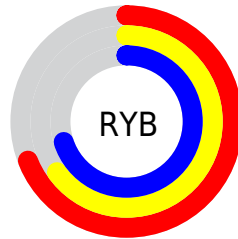
Distribution



Red (69%)

Green (65%)

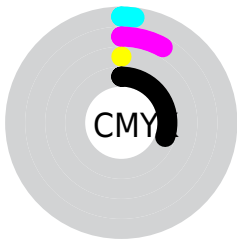
Blue (70%)



Red (69%)

Yellow (65%)

Blue (70%)

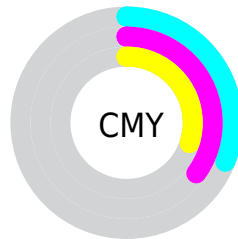


Cyan (2%)

Magenta (8%)

Yellow (0%)

Black (30%)



Cyan (31%)


Magenta (35%)


Yellow (30%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 39.3950, 0.3108, 0.3100 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 39.3950, 0.3108, 0.3100 by changing the saturation by 10% instead.


 39.3950, 0.3108,
0.3100


 39.3950, 0.3108,
0.3100


343.5670, 0.3118,
0.3197

 27.0672, 0.3105,
0.3075


 74.2414, 0.3112,
0.3135

 17.6237, 0.3101,
0.3044


 97.5287, 0.3113,
0.3149

 10.6801, 0.3096,
0.3001


125.2379, 0.3115,
0.3160

 5.8522, 0.3088,
0.2940

157.7535, 0.3116,
0.3169

 2.7554, 0.3074,
0.2846

195.4598, 0.3116,
0.3177

 1.0054, 0.3048,
0.2685

238.7412, 0.3117,

 0.0000, 0.1699,

0.3185

0.0000

287.9821, 0.3118,
0.3191

■ 0.0000, 0.0000,
0.0000

■ 39.3950, 0.3108,
0.3100

■ 39.3950, 0.3108,
0.3100

■ 32.9364, 0.3079,
0.2847

■ 46.7741, 0.3132,
0.3341

■ 27.3558, 0.3044,
0.2585

■ 55.1040, 0.3151,
0.3566

■ 22.6148, 0.3003,
0.2323

■ 64.4196, 0.3166,
0.3773

■ 18.6703, 0.2957,
0.2070

■ 74.7528, 0.3178,
0.3963

■ 15.4751, 0.2905,
0.1835

■ 86.1340, 0.3186,
0.4135

■ 12.9771, 0.2850,
0.1629

■ 86.9646, 0.3210,
0.4133

■ 11.1175, 0.2792,
0.1462

■ 87.5051, 0.3235,
0.4127

■ 9.8276, 0.2735,
0.1339

■ 88.0592, 0.3260,
0.4120

■ 8.9993, 0.2678,
0.1258

■ 88.6272, 0.3285,
0.4114

Harmonies

Analogous

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



39.3950, 0.2985, 0.3070



39.3950, 0.3108, 0.3100



39.3950, 0.3238, 0.3178

Triad

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



39.3950, 0.3108, 0.3100



39.3950, 0.3356, 0.3482



39.3950, 0.2919, 0.3290

Complementary

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



39.3950, 0.3108, 0.3100



43.3026, 0.3144, 0.3484

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.



39.3950, 0.3015, 0.3406



39.3950, 0.3108, 0.3100



39.3950, 0.3267, 0.3518

Square

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



39.3950, 0.3108, 0.3100



39.3950, 0.3383, 0.3396



39.3950, 0.3142, 0.3491



39.3950, 0.2878, 0.3176

Rectangle

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



39.3950, 0.3108, 0.3100



39.3950, 0.3311, 0.3247



39.3950, 0.3142, 0.3491



39.3950, 0.2946, 0.3330

Sweetspot

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



39.3967, 0.3108, 0.3100



77.9870, 0.3122, 0.3242



39.3644, 0.3008, 0.3140



17.3098, 0.3123, 0.3244



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.



39.3967, 0.3108, 0.3100



68.9138, 0.3104, 0.3067



39.6068, 0.3168, 0.3151



8.5517, 0.3104, 0.3063



6.2744, 0.2672, 0.1246



0.2206, 0.2830, 0.1333

Inverse Universe

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



39.3293, 0.3232, 0.3249



68.7776, 0.3251, 0.3242



43.1098, 0.3088, 0.3433



8.5345, 0.3254, 0.3241



6.8836, 0.5995, 0.3076



0.2252, 0.5231, 0.2655

Previews

White Background



This preview shows how the Yxy color 39.3950, 0.3108, 0.3100 looks on a white background.

Color Contrast Check

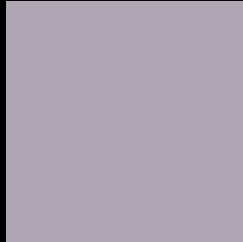
Large Text (above 18pt) WCAG AA × Fail

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 39.3950, 0.3108, 0.3100 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

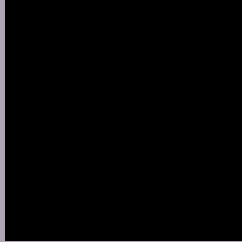
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 39.3950, 0.3108, 0.3100

Background



This preview shows how black text looks on a background with the Yxy color 39.3950, 0.3108, 0.3100.



This preview shows how white text looks on a background with the Yxy color 39.3950, 0.3108, 0.3100.

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

39.3950, 0.3108, 0.3100

Protanopia

39.2985, 0.3019, 0.3097

Deuteranopia

39.5089, 0.3146, 0.3089



Tritanopia

39.3547, 0.3117, 0.3114

Trichromacy



Original Color

39.3950, 0.3108, 0.3100

Protanomaly

39.2257, 0.3054, 0.3098

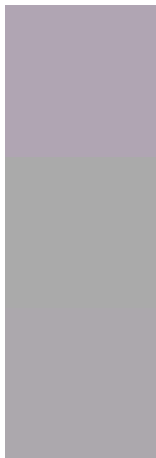
Deuteranomaly

39.3893, 0.3137, 0.3089

Tritanomaly

39.3547, 0.3117, 0.3114

Monochromacy



Original Color

39.3950, 0.3108, 0.3100

Achromatopsia

40.1978, 0.3127, 0.3290

Achromatomaly

39.7930, 0.3121, 0.3221

CSS Examples

Text

The CSS property to change the color of the text to Yxy 39.3950, 0.3108, 0.3100 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(176, 165, 179)` looks like.

```
.text, #text, p{  
    color:rgb(176, 165, 179)  
}
```

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(176, 165, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 165, 179) }
```

Border

The CSS property to change the border of an element to Yxy 39.3950, 0.3108, 0.3100 is called "border". The border property can be set on classes, ids or directly on the HTML element.

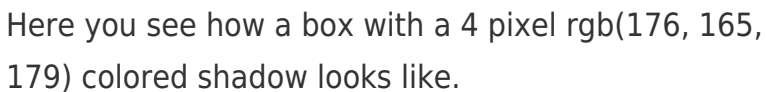
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(176, 165, 179) }
```

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

```
.border{ border-color:rgb(176, 165, 179) }
```

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



Here you see how a box with a 4 pixel `rgb(176, 165, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(176, 165, 179); -webkit-box-shadow:4px 4px 4px 4px rgb(176, 165, 179); box-shadow:4px 4px 4px 4px rgb(176, 165, 179) }
```


Background

The CSS property to change the background color of an element to Yxy 39.3950, 0.3108, 0.3100 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 165, 179) }
```

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

```
.background{ background-color: rgb(176,  
165, 179) }
```

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