

Converting Colors

$Y_{xy}(39.1300, 0.3108, 0.2912)$

Have a look what the booklet for
Yxy(39.1300, 0.3108, 0.2912)
contains.

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Color

Yxy(39.1300, 0.3108, 0.2912)

Conversions

Conversions Part 1

Format	Color
Hex	B9A0BD
RGB	185, 160, 189
RGB Percent	73%, 63%, 74%
CMY	0.2745, 0.3725, 0.2589
CMYK	0.02, 0.15, 0.00, 0.26
HSL	292°, 18%, 68%
HSV	292°, 15%, 74%
XYZ	41.7638, 39.1300, 53.4813
YIQ	170.7810, 5.5910, 14.3190

Conversions

Conversions Part 2

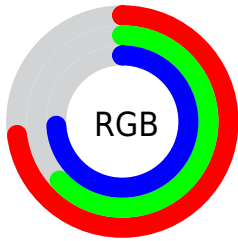
Format	Color
RYB	185, 160, 189
Decimal	12165309
CIELab	68.85, 14.41, -11.52
CIELCh	69, 18.446, 321.369
Yxy	39.1300, 0.3108, 0.2912
Android (android.graphics.Color)	4290355389 (0xFFB9A0BD)
YUV	170.7810, 8.9820, 12.4701
Hunter-Lab	62.5540, 9.7049, -6.9029

Details

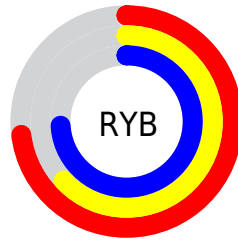
The Yxy color **39.1300, 0.3108, 0.2912** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **46.8115, 0.3141, 0.3690**, and the grayscale version is **40.5621, 0.3127, 0.3290**.

A 20% lighter version of the original color is **73.8942, 0.3113, 0.2985**, and **17.4082, 0.3098, 0.2791** is the 20% darker color. If you saturate the color by 10%, you get **32.7514, 0.3091, 0.2656**, and if you desaturate by 10%, it is **46.5137, 0.3121, 0.3162**.

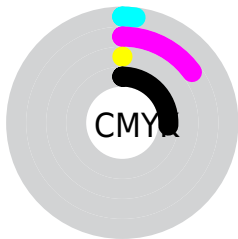
Distribution



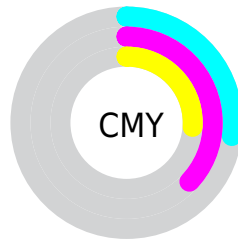
- Red (73%)
- Green (63%)
- Blue (74%)



- Red (73%)
- Yellow (63%)
- Blue (74%)



- Cyan (2%)
- Magenta (15%)
- Yellow (0%)
- Black (26%)





- Cyan (27%)
- Magenta (37%)
- Yellow (26%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 39.1300, 0.3108, 0.2912 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 39.1300, 0.3108, 0.2912 by changing the saturation by 10% instead.


 39.1300, 0.3108,
0.2912


 39.1300, 0.3108,
0.2912


342.4429, 0.3120,
0.3101

 26.8609, 0.3104,
0.2865


 73.8369, 0.3113,
0.2981

 17.4688, 0.3099,
0.2804


 97.0434, 0.3115,
0.3007

 10.5693, 0.3091,
0.2723


124.6645, 0.3116,
0.3028

 5.7780, 0.3078,
0.2610

157.0847, 0.3117,
0.3047

 2.7106, 0.3056,
0.2443

194.6881, 0.3118,
0.3063

 0.9826, 0.3010,
0.2168

237.8594, 0.3119,


 0.0000, 0.2569,


0.3078


0.0000


286.9829, 0.3119,
0.3090


 0.0000, 0.0000,
0.0000


 39.1300, 0.3108,
0.2912


 39.1300, 0.3108,
0.2912


 32.7514, 0.3091,
0.2656


 46.5137, 0.3121,
0.3162


 27.3281, 0.3070,
0.2400


 54.9395, 0.3132,
0.3399

 22.8133, 0.3046,
0.2154

 64.4486, 0.3139,
0.3622

 19.1548, 0.3018,
0.1927

 75.0786, 0.3144,
0.3828

 16.2944, 0.2986,
0.1729

 86.8652, 0.3147,
0.4017

■ 14.1673, 0.2952,
0.1569

■ 87.5438, 0.3163,
0.4019

■ 12.6979, 0.2917,
0.1452

■ 87.9038, 0.3179,
0.4015

■ 11.7936, 0.2882,
0.1378

■ 88.2698, 0.3195,
0.4012

■ 11.4740, 0.2866,
0.1352

■ 88.6420, 0.3212,
0.4008

Harmonies

Analogous

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



39.1300, 0.2849, 0.2838



39.1300, 0.3108, 0.2912



39.1300, 0.3382, 0.3075

Triad

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



39.1300, 0.3108, 0.2912



39.1300, 0.3598, 0.3700



39.1300, 0.2681, 0.3259

Complementary

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



39.1300, 0.3108, 0.2912



46.8115, 0.3141, 0.3690

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.



39.1300, 0.2867, 0.3517



39.1300, 0.3108, 0.2912



39.1300, 0.3396, 0.3777

Square

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



39.1300, 0.3108, 0.2912



39.1300, 0.3672, 0.3520



39.1300, 0.3127, 0.3712



39.1300, 0.2611, 0.3024

Rectangle

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



39.1300, 0.3108, 0.2912



39.1300, 0.3534, 0.3217



39.1300, 0.3127, 0.3712



39.1300, 0.2732, 0.3346

Sweetspot

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



39.1317, 0.3108, 0.2912



83.6866, 0.3122, 0.3168



37.8228, 0.2885, 0.2948



17.7829, 0.3121, 0.3150



95.5105, 0.3127, 0.3290



19.5994, 0.3127, 0.3290

Same Dimension

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



39.1317, 0.3108, 0.2912



66.5423, 0.3103, 0.2837



39.2063, 0.3235, 0.3044



9.6284, 0.3116, 0.3062



7.7468, 0.2870, 0.1355



0.3220, 0.2956, 0.1402

Inverse Universe

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



38.6373, 0.3373, 0.3238



65.5201, 0.3430, 0.3227



46.7662, 0.3033, 0.3550



9.5570, 0.3267, 0.3259



7.3357, 0.6200, 0.3189



0.2943, 0.5664, 0.2894

Previews

White Background



This preview shows how the Yxy color 39.1300, 0.3108, 0.2912 looks on a white background.

Color Contrast Check

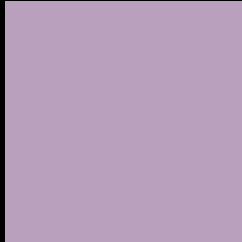
Large Text (above 18pt) WCAG AA × Fail

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 39.1300, 0.3108, 0.2912 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

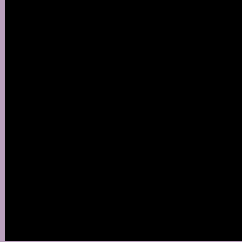
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 39.1300, 0.3108, 0.2912

Background



This preview shows how black text looks on a background with the Yxy color 39.1300, 0.3108, 0.2912.



This preview shows how white text looks on a background with the Yxy color 39.1300, 0.3108, 0.2912.

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

39.1300, 0.3108, 0.2912

Protanopia

39.2742, 0.2881, 0.2935

Deuteranopia

39.2957, 0.3024, 0.2968



Tritanopia

39.0031, 0.3211, 0.3116

Trichromacy



Original Color

39.1300, 0.3108, 0.2912

Protanomaly

39.0146, 0.2956, 0.2913

Deuteranomaly

39.4089, 0.3060, 0.2958

Tritanomaly

38.9754, 0.3177, 0.3038

Monochromacy



Original Color

39.1300, 0.3108, 0.2912

Achromatopsia

40.7240, 0.3127, 0.3290

Achromatomaly

40.0819, 0.3116, 0.3141

CSS Examples

Text

The CSS property to change the color of the text to Yxy 39.1300, 0.3108, 0.2912 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(185, 160, 189)` looks like.

```
.text, #text, p{  
    color:rgb(185, 160, 189)  
}
```

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(185, 160, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 160, 189) }
```

Border

The CSS property to change the border of an element to Yxy 39.1300, 0.3108, 0.2912 is called "border". The border property can be set on classes, ids or directly on the HTML element.

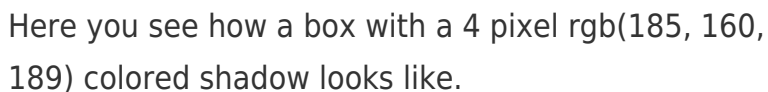
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(185, 160, 189) }
```

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

```
.border{ border-color:rgb(185, 160, 189) }
```

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



Here you see how a box with a 4 pixel `rgb(185, 160, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(185, 160, 189); -webkit-box-shadow:4px 4px 4px 4px rgb(185, 160, 189); box-shadow:4px 4px 4px 4px rgb(185, 160, 189) }
```


Background

The CSS property to change the background color of an element to Yxy 39.1300, 0.3108, 0.2912 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 160, 189) }
```

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

```
.background{ background-color: rgb(185,  
160, 189) }
```

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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