

Converting Colors

$Yxy(39.1804, 0.3015, 0.2968)$

Have a look what the booklet for
Yxy(39.1804, 0.3015, 0.2968)
contains.

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Color

Yxy(39.1804, 0.3015, 0.2968)

Conversions

Conversions Part 1

Format	Color
Hex	AEA4BC
RGB	174, 164, 188
RGB Percent	68%, 64%, 74%
CMY	0.3178, 0.3568, 0.2628
CMYK	0.07, 0.13, 0.00, 0.26
HSL	265°, 15%, 69%
HSV	265°, 13%, 74%
XYZ	39.8008, 39.1804, 53.0282
YIQ	169.7260, -1.7440, 9.5840

Conversions

Conversions Part 2

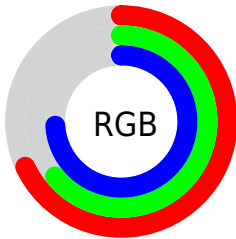
Format	Color
R_{YB}	174, 164, 188
Decimal	11445436
CIE _{Lab}	68.88, 8.20, -11.01
CIE _{LCh}	69, 13.726, 306.693
Yxy	39.1804, 0.3015, 0.2968
Android (android.graphics.Color)	4289635516 (0xFFAEA4BC)
YUV	169.7260, 9.0091, 3.7483
Hunter-Lab	62.5942, 3.9601, -6.4129

Details

The Yxy color **39.1804, 0.3015, 0.2968** is a light color, and the websafe version is hex **999999**. A complement of this color would be **48.1053, 0.3229, 0.3609**, and the grayscale version is **40.0085, 0.3127, 0.3290**.

A 20% lighter version of the original color is **74.0177, 0.3041, 0.3030**, and **17.4752, 0.2982, 0.2865** is the 20% darker color. If you saturate the color by 10%, you get **31.7323, 0.2911, 0.2690**, and if you desaturate by 10%, it is **47.7296, 0.3105, 0.3224**.

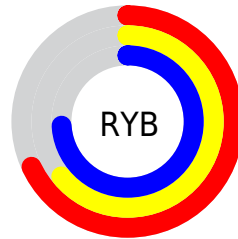
Distribution



Red (68%)

Green (64%)

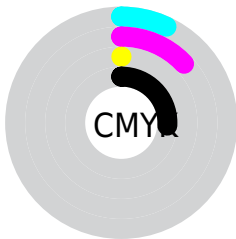
Blue (74%)



Red (68%)

Yellow (64%)

Blue (74%)

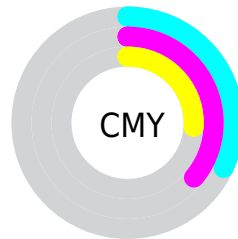


Cyan (7%)

Magenta (13%)

Yellow (0%)

Black (26%)



Cyan (32%)


Magenta (36%)


Yellow (26%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 39.1804, 0.3015, 0.2968 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 39.1804, 0.3015, 0.2968 by changing the saturation by 10% instead.


 39.1804, 0.3015,
0.2968


 39.1804, 0.3015,
0.2968


342.6569, 0.3074,
0.3131

 26.9001, 0.3000,
0.2927


 73.9138, 0.3037,
0.3027

 17.4982, 0.2979,
0.2874


 97.1357, 0.3045,
0.3050

 10.5903, 0.2951,
0.2803


124.7736, 0.3052,
0.3068

 5.7921, 0.2910,
0.2703

157.2119, 0.3057,
0.3084

 2.7191, 0.2845,
0.2553

194.8350, 0.3062,
0.3098

 0.9869, 0.2728,
0.2301

238.0273, 0.3067,

 0.0000, 0.1151,

0.3110

0.0000

287.1731, 0.3070,
0.3121

0.0000, 0.0000,
0.0000

39.1804, 0.3015,
0.2968

39.1804, 0.3015,
0.2968

31.7323, 0.2911,
0.2690

47.7296, 0.3105,
0.3224

25.3342, 0.2793,
0.2395

57.4180, 0.3181,
0.3456

19.9388, 0.2661,
0.2090

68.2881, 0.3246,
0.3665

15.4927, 0.2518,
0.1786

80.3785, 0.3301,
0.3851

11.9375, 0.2369,
0.1498

91.7939, 0.3351,
0.3989

■ 9.2081, 0.2220,
0.1242

■ 93.6583, 0.3424,
0.3972

■ 7.2304, 0.2078,
0.1033

■ 95.6392, 0.3498,
0.3956

■ 5.9154, 0.1951,
0.0883

■ 96.4098, 0.3526,
0.3949

■ 5.2532, 0.1869,
0.0803

Harmonies

Analogous

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



39.1804, 0.2845, 0.2954



39.1804, 0.3015, 0.2968



39.1804, 0.3221, 0.3061

Triad

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



39.1804, 0.3015, 0.2968



39.1804, 0.3517, 0.3541



39.1804, 0.2853, 0.3364

Complementary

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



39.1804, 0.3015, 0.2968



48.1053, 0.3229, 0.3609

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.



39.1804, 0.3026, 0.3537



39.1804, 0.3015, 0.2968



39.1804, 0.3411, 0.3636

Square

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



39.1804, 0.3015, 0.2968



39.1804, 0.3516, 0.3384



39.1804, 0.3230, 0.3637



39.1804, 0.2754, 0.3175

Rectangle

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



39.1804, 0.3015, 0.2968



39.1804, 0.3350, 0.3157



39.1804, 0.3230, 0.3637



39.1804, 0.2904, 0.3426

Sweetspot

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



39.1821, 0.3015, 0.2968



84.3655, 0.3094, 0.3191



43.5216, 0.2932, 0.3160



17.8799, 0.3087, 0.3173



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.



39.1821, 0.3015, 0.2968



67.4722, 0.2990, 0.2901



40.5735, 0.3120, 0.2978



9.4137, 0.3047, 0.3057



3.6191, 0.1882, 0.0810



0.1802, 0.2164, 0.0966

Inverse Universe

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



40.4607, 0.3229, 0.3107



70.2150, 0.3252, 0.3069



46.7892, 0.3131, 0.3618



9.6274, 0.3199, 0.3157



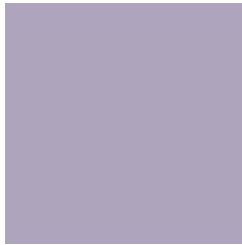
8.0594, 0.4584, 0.2299



0.3284, 0.4170, 0.2071

Previews

White Background



This preview shows how the Yxy color 39.1804, 0.3015, 0.2968 looks on a white background.

Color Contrast Check

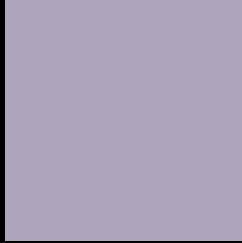
Large Text (above 18pt) WCAG AA × Fail

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 39.1804, 0.3015, 0.2968 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

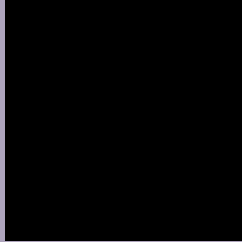
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 39.1804, 0.3015, 0.2968

Background



This preview shows how black text looks on a background with the Yxy color 39.1804, 0.3015, 0.2968.



This preview shows how white text looks on a background with the Yxy color 39.1804, 0.3015, 0.2968.

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

39.1804, 0.3015, 0.2968

Protanopia

39.3545, 0.2921, 0.2976

Deuteranopia

39.2957, 0.3024, 0.2968



Tritanopia

39.2978, 0.3072, 0.3112

Trichromacy



Original Color

39.1804, 0.3015, 0.2968

Protanomaly

39.2714, 0.2954, 0.2977

Deuteranomaly

39.2957, 0.3024, 0.2968

Tritanomaly

39.1719, 0.3056, 0.3059

Monochromacy



Original Color

39.1804, 0.3015, 0.2968

Achromatopsia

40.1978, 0.3127, 0.3290

Achromatomaly

39.8375, 0.3079, 0.3166

CSS Examples

Text

The CSS property to change the color of the text to Yxy 39.1804, 0.3015, 0.2968 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(174, 164, 188)` looks like.

```
.text, #text, p{  
    color:rgb(174, 164, 188)  
}
```

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(174, 164, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 164, 188) }
```

Border

The CSS property to change the border of an element to Yxy 39.1804, 0.3015, 0.2968 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(174, 164, 188) }
```

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

```
.border{ border-color:rgb(174, 164, 188) }
```

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

Here you see how a box with a 4 pixel `rgb(174, 164, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 164, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 164, 188);  
box-shadow:4px 4px 4px 4px rgb(174, 164,  
188) }
```


Background

The CSS property to change the background color of an element to Yxy 39.1804, 0.3015, 0.2968 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 164, 188) }
```

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

```
.background{ background-color: rgb(174,  
164, 188) }
```

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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