

Converting Colors

$Yxy(39.1138, 0.3022, 0.2945)$

Have a look what the booklet for
Yxy(39.1138, 0.3022, 0.2945)
contains.

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Color

Yxy(39.0986, 0.3025, 0.2943)

Conversions

Conversions Part 1

Format	Color
Hex	B0A3BD
RGB	176, 163, 189
RGB Percent	69%, 64%, 74%
CMY	0.3098, 0.3608, 0.2589
CMYK	0.07, 0.14, 0.00, 0.26
HSL	270°, 16%, 69%
HSV	270°, 14%, 74%
XYZ	40.1880, 39.0986, 53.5663
YIQ	169.8510, -0.5980, 10.8420

Conversions

Conversions Part 2

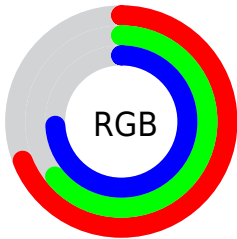
Format	Color
R_{YB}	176, 163, 189
Decimal	11576253
CIE Lab	68.82, 9.67, -11.64
CIE LCh	69, 15.129, 309.708
Yxy	39.0986, 0.3025, 0.2943
Android (android.graphics.Color)	4289766333 (0xFFB0A3BD)
YUV	169.8510, 9.4405, 5.3927
Hunter-Lab	62.5289, 5.2984, -7.0214

Details

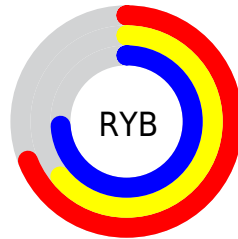
The Yxy color $39.0986, 0.3025, 0.2943$ is a light color, and the websafe version is hex $9999CC$. A complement of this color would be $48.2627, 0.3219, 0.3637$, and the grayscale version is $40.0740, 0.3127, 0.3290$.

A 20% lighter version of the original color is $73.8912, 0.3049, 0.3011$, and $17.3574, 0.2983, 0.2830$ is the 20% darker color. If you saturate the color by 10%, you get $31.8207, 0.2936, 0.2668$, and if you desaturate by 10%, it is $47.4592, 0.3102, 0.3199$.

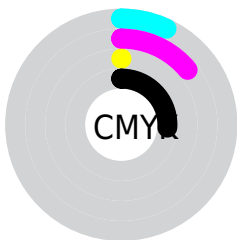
Distribution



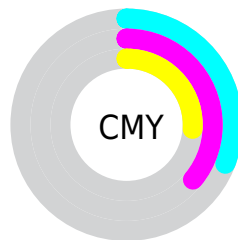
- Red (69%)
- Green (64%)
- Blue (74%)



- Red (69%)
- Yellow (64%)
- Blue (74%)



- Cyan (7%)
- Magenta (14%)
- Yellow (0%)
- Black (26%)



- Cyan (31%)
- Magenta (36%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 39.0986, 0.3025, 0.2943 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 39.0986, 0.3025, 0.2943 by changing the saturation by 10% instead.


 39.0986, 0.3025,
0.2943


 39.0986, 0.3025,
0.2943


342.3095, 0.3079,
0.3118

 26.8364, 0.3011,
0.2899


 73.7889, 0.3045,
0.3007

 17.4504, 0.2992,
0.2842


 96.9859, 0.3053,
0.3031

 10.5562, 0.2966,
0.2767

124.5965, 0.3059,
0.3051

 5.7692, 0.2927,
0.2660

157.0053, 0.3064,
0.3068

 2.7053, 0.2866,
0.2501

194.5966, 0.3069,
0.3083

 0.9799, 0.2755,
0.2236

237.7548, 0.3072,

 0.0000, 0.1430,

0.3096

0.0000

286.8643, 0.3076,
0.3108

■ 0.0000, 0.0000,
0.0000

■ 39.0986, 0.3025,
0.2943

■ 39.0986, 0.3025,
0.2943

■ 31.8207, 0.2936,
0.2668

■ 47.4592, 0.3102,
0.3199

■ 25.5747, 0.2834,
0.2379

■ 56.9405, 0.3166,
0.3434

■ 20.3129, 0.2721,
0.2083

■ 67.5850, 0.3221,
0.3647

■ 15.9820, 0.2597,
0.1793

■ 79.4312, 0.3266,
0.3838

■ 12.5233, 0.2467,
0.1521

■ 90.9128, 0.3308,
0.3986

■ 9.8714, 0.2336,
0.1283

■ 92.4555, 0.3370,
0.3973

■ 7.9508, 0.2208,
0.1091

■ 94.0832, 0.3433,
0.3959

■ 6.6712, 0.2091,
0.0954

■ 95.7970, 0.3496,
0.3945

■ 6.0865, 0.2023,
0.0888

■ 96.4537, 0.3520,
0.3939

Harmonies

Analogous

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



39.0986, 0.2832, 0.2918



39.0986, 0.3025, 0.2943



39.0986, 0.3253, 0.3053

Triad

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



39.0986, 0.3025, 0.2943



39.0986, 0.3551, 0.3580



39.0986, 0.2810, 0.3349

Complementary

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



39.0986, 0.3025, 0.2943



48.2627, 0.3219, 0.3637

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.



39.0986, 0.2993, 0.3546



39.0986, 0.3025, 0.2943



39.0986, 0.3423, 0.3677

Square

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



39.0986, 0.3025, 0.2943



39.0986, 0.3562, 0.3412



39.0986, 0.3217, 0.3668



39.0986, 0.2711, 0.3143

Rectangle

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



39.0986, 0.3025, 0.2943



39.0986, 0.3393, 0.3161



39.0986, 0.3217, 0.3668



39.0986, 0.2863, 0.3419

Sweetspot

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



39.1003, 0.3025, 0.2943



84.5112, 0.3099, 0.3192



42.5093, 0.2915, 0.3113



17.9168, 0.3094, 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.



39.1003, 0.3025, 0.2943



65.2298, 0.2995, 0.2848



40.6861, 0.3143, 0.2955



9.4537, 0.3060, 0.3058



4.1411, 0.2036, 0.0895



0.2011, 0.2303, 0.1042

Inverse Universe

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



40.1461, 0.3258, 0.3120



67.5552, 0.3297, 0.3075



46.8218, 0.3110, 0.3649



9.6137, 0.3212, 0.3176



7.8429, 0.4937, 0.2493



0.3204, 0.4416, 0.2206

Previews

White Background



This preview shows how the Yxy color 39.0986, 0.3025, 0.2943 looks on a white background.

Color Contrast Check

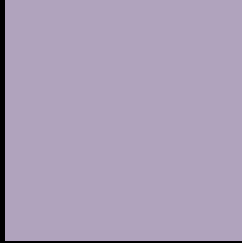
Large Text (above 18pt) WCAG AA × Fail

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 39.0986, 0.3025, 0.2943 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

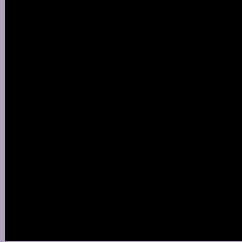
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 39.0986, 0.3025, 0.2943

Background



This preview shows how black text looks on a background with the Yxy color 39.0986, 0.3025, 0.2943.



This preview shows how white text looks on a background with the Yxy color 39.0986, 0.3025, 0.2943.

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

39.0986, 0.3025, 0.2943

Protanopia

39.2915, 0.2904, 0.2962

Deuteranopia

39.2237, 0.3007, 0.2955



Tritanopia

39.1233, 0.3099, 0.3113

Trichromacy



Original Color

39.0986, 0.3025, 0.2943

Protanomaly

39.3150, 0.2946, 0.2964

Deuteranomaly

39.3390, 0.3016, 0.2956

Tritanomaly

39.0423, 0.3074, 0.3046

Monochromacy



Original Color

39.0986, 0.3025, 0.2943

Achromatopsia

40.1978, 0.3127, 0.3290

Achromatomaly

39.5824, 0.3088, 0.3153

CSS Examples

Text

The CSS property to change the color of the text to Yxy 39.0986, 0.3025, 0.2943 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, 163, 189)` looks like.

```
.text, #text, p{  
    color:rgb(176, 163, 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(176, 163, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 163, 189) }
```

Border

The CSS property to change the border of an element to Yxy 39.0986, 0.3025, 0.2943 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, 163, 189) }
```

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

```
.border{ border-color:rgb(176, 163, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(176, 163, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 163, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 163, 189);  
box-shadow:4px 4px 4px 4px rgb(176, 163,  
189) }
```


Background

The CSS property to change the background color of an element to Yxy 39.0986, 0.3025, 0.2943 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 163, 189) }
```

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

```
.background{ background-color: rgb(176,  
163, 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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