

Converting Colors

$Yxy(39.1059, 0.2908, 0.3708)$

Have a look what the booklet for
Yxy(39.1059, 0.2908, 0.3708)
contains.

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Color

Yxy(39.0964, 0.2911, 0.3709)

Conversions

Conversions Part 1

Format	Color
Hex	80B398
RGB	128, 179, 152
RGB Percent	50%, 70%, 60%
CMY	0.4982, 0.2980, 0.4040
CMYK	0.29, 0.00, 0.15, 0.30
HSL	148°, 25%, 60%
HSV	148°, 29%, 70%
XYZ	30.6847, 39.0964, 35.6284
YIQ	160.6730, -21.7290, -19.2090

Conversions

Conversions Part 2

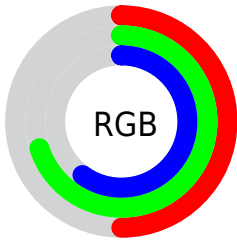
Format	Color
RYB	128, 163, 179
Decimal	8434584
CIELab	68.82, -22.60, 8.42
CIELCh	69, 24.124, 159.561
Yxy	39.0964, 0.2911, 0.3709
Android (android.graphics.Color)	4286624664 (0xFF80B398)
YUV	160.6730, -4.2758, -28.6542
Hunter-Lab	62.5271, -21.8249, 9.9851

Details

The Yxy color **39.0964, 0.2911, 0.3709** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **27.3808, 0.3421, 0.2907**, and the grayscale version is **35.5059, 0.3127, 0.3290**.

A 20% lighter version of the original color is **73.8180, 0.2956, 0.3629**, and **17.4391, 0.2841, 0.3849** is the 20% darker color. If you saturate the color by 10%, you get **37.5324, 0.2845, 0.3885**, and if you desaturate by 10%, it is **40.9333, 0.2984, 0.3548**.

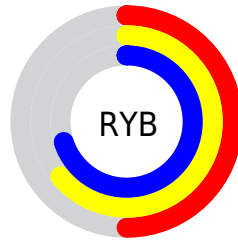
Distribution



Red (50%)

Green (70%)

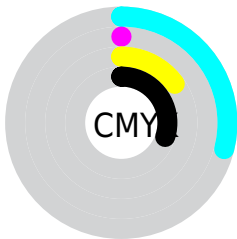
Blue (60%)



Red (50%)

Yellow (64%)

Blue (70%)

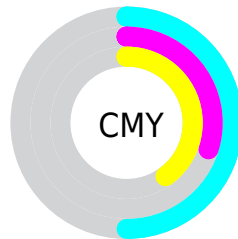


Cyan (29%)

Magenta (0%)

Yellow (15%)

Black (30%)



Cyan (50%)


Magenta (30%)

Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 39.0964, 0.2911, 0.3709 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 39.0964, 0.2911, 0.3709 by changing the saturation by 10% instead.

 39.0964, 0.2911,
0.3709


 39.0964, 0.2911,
0.3709


342.3002, 0.3025,
0.3487


 26.8347, 0.2880,
0.3769


 73.7856, 0.2954,
0.3625

 17.4491, 0.2840,
0.3848


 96.9818, 0.2970,
0.3595

 10.5552, 0.2783,
0.3959


 124.5918, 0.2983,
0.3569

 5.7686, 0.2699,
0.4125

156.9998, 0.2994,
0.3548

 2.7049, 0.2561,
0.4397

194.5902, 0.3003,
0.3530

 0.9797, 0.2056,
0.5352

237.7475, 0.3012,

 0.0000, 0.0000,

0.3514

0.0000

286.8560, 0.3019,
0.3500

■ 39.0964, 0.2911,
0.3709

■ 39.0964, 0.2911,
0.3709

■ 37.5324, 0.2845,
0.3885

■ 40.9333, 0.2984,
0.3548

■ 36.2230, 0.2788,
0.4075

■ 43.0508, 0.3060,
0.3402

■ 35.1552, 0.2745,
0.4274

■ 45.4622, 0.3139,
0.3272

■ 34.3128, 0.2718,
0.4480

■ 48.1784, 0.3217,
0.3156

■ 33.6775, 0.2709,
0.4685

■ 51.2099, 0.3294,
0.3054

■ 33.2280, 0.2719,
0.4885

■ 54.5667, 0.3368,
0.2965

■ 32.9282, 0.2746,
0.5074

■ 58.2582, 0.3440,
0.2887

■ 32.8887, 0.2750,
0.5101

■ 59.0956, 0.3376,
0.2796

■ 59.6359, 0.3299,
0.2706

Harmonies

Analogous

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



39.0964, 0.3265, 0.3907



39.0964, 0.2911, 0.3709



39.0964, 0.2626, 0.3381

Triad

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



39.0964, 0.2911, 0.3709



39.0964, 0.2659, 0.2708



39.0964, 0.3825, 0.3468

Complementary

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



39.0964, 0.2911, 0.3709



27.3808, 0.3421, 0.2907

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.



39.0964, 0.3645, 0.3175



39.0964, 0.2911, 0.3709



39.0964, 0.2959, 0.2751

Square

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



39.0964, 0.2911, 0.3709



39.0964, 0.2488, 0.2807



39.0964, 0.3321, 0.2919



39.0964, 0.3804, 0.3737

Rectangle

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



39.0964, 0.2911, 0.3709



39.0964, 0.2509, 0.3152



39.0964, 0.3321, 0.2919



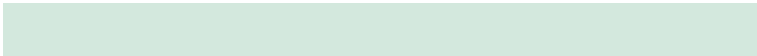
39.0964, 0.3786, 0.3370

Sweetspot

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



39.0980, 0.2911, 0.3709



76.8348, 0.3056, 0.3411



40.7899, 0.3328, 0.4044



16.8955, 0.3044, 0.3431



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.



39.0980, 0.2911, 0.3709



68.2585, 0.2870, 0.3814



40.0182, 0.2732, 0.3314



9.5544, 0.3054, 0.3413



23.2503, 0.2745, 0.5080



0.7434, 0.2595, 0.4541

Inverse Universe

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



27.3808, 0.3421, 0.2907



43.9334, 0.3504, 0.2822



26.6173, 0.3721, 0.3267



8.5779, 0.3207, 0.3170



7.3664, 0.4806, 0.2421



0.2435, 0.4248, 0.2114

Previews

White Background



This preview shows how the Yxy color 39.0964, 0.2911, 0.3709 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 39.0964, 0.2911, 0.3709 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

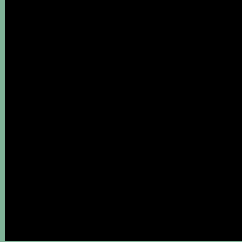
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 39.0964, 0.2911, 0.3709

Background



This preview shows how black text looks on a background with the Yxy color 39.0964, 0.2911, 0.3709.



This preview shows how white text looks on a background with the Yxy color 39.0964, 0.2911, 0.3709.

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

39.0964, 0.2911, 0.3709

Protanopia

38.8267, 0.3388, 0.3586

Deuteranopia

38.5814, 0.3437, 0.3358



Tritanopia

39.0538, 0.2702, 0.3086

Trichromacy



Original Color

39.0964, 0.2911, 0.3709

Protanomaly

38.5330, 0.3202, 0.3628

Deuteranomaly

38.4788, 0.3220, 0.3477

Tritanomaly

39.0513, 0.2773, 0.3304

Monochromacy



Original Color

39.0964, 0.2911, 0.3709

Achromatopsia

35.6400, 0.3127, 0.3290

Achromatomaly

36.8634, 0.3039, 0.3439

CSS Examples

Text

The CSS property to change the color of the text to Yxy 39.0964, 0.2911, 0.3709 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(128, 179, 152)` looks like.

```
.text, #text, p{  
    color:rgb(128, 179, 152)  
}
```

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(128, 179, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(128, 179, 152) }
```

Border

The CSS property to change the border of an element to Yxy 39.0964, 0.2911, 0.3709 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(128, 179, 152) }
```

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

```
.border{ border-color:rgb(128, 179, 152) }
```

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

Here you see how a box with a 4 pixel `rgb(128, 179, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(128, 179, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(128, 179, 152);  
box-shadow:4px 4px 4px 4px rgb(128, 179,  
152) }
```


Background

The CSS property to change the background color of an element to Yxy 39.0964, 0.2911, 0.3709 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(128, 179, 152) }
```

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

```
.background{ background-color: rgb(128,  
179, 152) }
```

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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