

Converting Colors

$Yxy(39.3406, 0.2862, 0.3723)$

Have a look what the booklet for
Yxy(39.3406, 0.2862, 0.3723)
contains.

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Color

Yxy(39.4852, 0.2860, 0.3727)

Conversions

Conversions Part 1

Format	Color
Hex	7AB599
RGB	122, 181, 153
RGB Percent	48%, 71%, 60%
CMY	0.5215, 0.2902, 0.4000
CMYK	0.33, 0.00, 0.15, 0.29
HSL	152°, 29%, 59%
HSV	152°, 33%, 71%
XYZ	30.2999, 39.4852, 36.1586
YIQ	160.1670, -26.1760, -21.2160

Conversions

Conversions Part 2

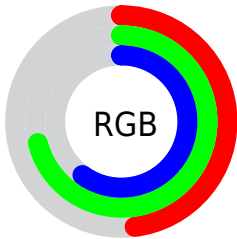
Format	Color
RYB	122, 161, 181
Decimal	8041881
CIELab	69.10, -25.25, 8.23
CIElCh	69, 26.559, 161.955
Yxy	39.4852, 0.2860, 0.3727
Android (android.graphics.Color)	4286231961 (0xFF7AB599)
YUV	160.1670, -3.5333, -33.4725
Hunter-Lab	62.8373, -23.8932, 9.8687

Details

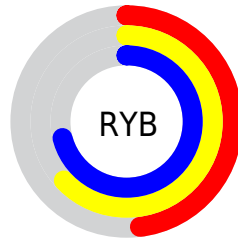
The Yxy color **39.4852, 0.2860, 0.3727** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **25.9476, 0.3515, 0.2893**, and the grayscale version is **35.2617, 0.3127, 0.3290**.

A 20% lighter version of the original color is **74.3035, 0.2914, 0.3642**, and **17.7372, 0.2778, 0.3875** is the 20% darker color. If you saturate the color by 10%, you get **38.0124, 0.2792, 0.3889**, and if you desaturate by 10%, it is **41.2278, 0.2937, 0.3578**.

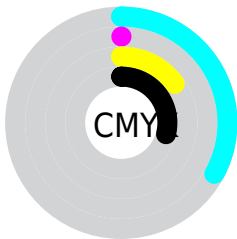
Distribution



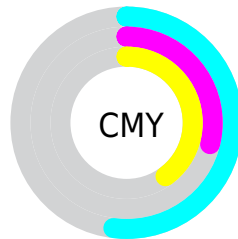
- Red (48%)
- Green (71%)
- Blue (60%)



- Red (48%)
- Yellow (63%)
- Blue (71%)



- Cyan (33%)
- Magenta (0%)
- Yellow (15%)
- Black (29%)




- Cyan (52%)
- Magenta (29%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 39.4852, 0.2860, 0.3727 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 39.4852, 0.2860, 0.3727 by changing the saturation by 10% instead.


 39.4852, 0.2860,
0.3727


 39.4852, 0.2860,
0.3727


343.9490, 0.3000,
0.3496

 27.1374, 0.2823,
0.3789


 74.3790, 0.2913,
0.3640

 17.6764, 0.2773,
0.3872


 97.6937, 0.2932,
0.3608

 10.7179, 0.2705,
0.3987


 125.4329, 0.2948,
0.3582

 5.8775, 0.2604,
0.4159

157.9808, 0.2962,
0.3559

 2.7707, 0.2440,
0.4441

195.7221, 0.2973,
0.3540

 1.0132, 0.1818,
0.5400

239.0409, 0.2984,

 0.0000, 0.0000,

0.3523

0.0000

288.3217, 0.2992,
0.3509

■ 39.4852, 0.2860,
0.3727

■ 39.4852, 0.2860,
0.3727

■ 38.0124, 0.2792,
0.3889

■ 41.2278, 0.2937,
0.3578

■ 36.7904, 0.2735,
0.4062

■ 43.2483, 0.3019,
0.3442

■ 35.8053, 0.2693,
0.4242

■ 45.5606, 0.3105,
0.3320

■ 35.0399, 0.2669,
0.4427

■ 48.1761, 0.3191,
0.3210

■ 34.4746, 0.2665,
0.4611

■ 51.1055, 0.3277,
0.3114


 34.0858, 0.2680,
0.4791

 54.3592, 0.3361,
0.3029

 33.8765, 0.2700,
0.4919

 57.9470, 0.3442,
0.2954

 59.5689, 0.3423,
0.2875

 60.0409, 0.3353,
0.2792

Harmonies

Analogous

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



39.4852, 0.3244, 0.3961



39.4852, 0.2860, 0.3727



39.4852, 0.2560, 0.3357

Triad

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



39.4852, 0.2860, 0.3727



39.4852, 0.2637, 0.2653



39.4852, 0.3901, 0.3506

Complementary

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



39.4852, 0.2860, 0.3727



25.9476, 0.3515, 0.2893

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.



39.4852, 0.3719, 0.3187



39.4852, 0.2860, 0.3727



39.4852, 0.2972, 0.2713

Square

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



39.4852, 0.2860, 0.3727



39.4852, 0.2439, 0.2746



39.4852, 0.3371, 0.2904



39.4852, 0.3857, 0.3797

Rectangle

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



39.4852, 0.2860, 0.3727



39.4852, 0.2442, 0.3107



39.4852, 0.3371, 0.2904



39.4852, 0.3864, 0.3400

Sweetspot

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



39.4868, 0.2860, 0.3727



78.4101, 0.3040, 0.3411



40.9880, 0.3328, 0.4170



16.8287, 0.3028, 0.3428



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.



39.4868, 0.2860, 0.3727



68.8057, 0.2811, 0.3840



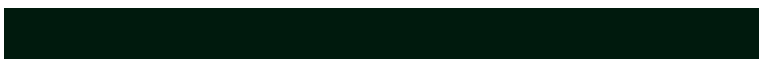
40.1249, 0.2668, 0.3274



9.5622, 0.3047, 0.3400



23.3670, 0.2694, 0.4897



0.7469, 0.2557, 0.4404

Inverse Universe

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



25.9476, 0.3515, 0.2893



40.8392, 0.3633, 0.2805



25.3932, 0.3861, 0.3306



8.5702, 0.3215, 0.3182



7.2485, 0.5034, 0.2547



0.2399, 0.4397, 0.2196

Previews

White Background



This preview shows how the Yxy color 39.4852, 0.2860, 0.3727 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 39.4852, 0.2860, 0.3727 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

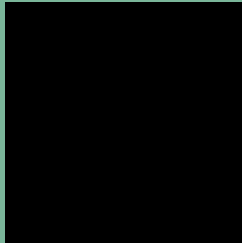
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 39.4852, 0.2860, 0.3727

Background



This preview shows how black text looks on a background with the Yxy color 39.4852, 0.2860, 0.3727.



This preview shows how white text looks on a background with the Yxy color 39.4852, 0.2860, 0.3727.

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

39.4852, 0.2860, 0.3727

Protanopia

39.3107, 0.3396, 0.3599

Deuteranopia

38.9663, 0.3425, 0.3358



Tritanopia

39.5142, 0.2656, 0.3085

Trichromacy



Original Color

39.4852, 0.2860, 0.3727

Protanomaly

39.1250, 0.3173, 0.3643

Deuteranomaly

38.6687, 0.3192, 0.3477

Tritanomaly

39.5271, 0.2726, 0.3304

Monochromacy



Original Color

39.4852, 0.2860, 0.3727

Achromatopsia

35.1533, 0.3127, 0.3290

Achromatomaly

36.5506, 0.3020, 0.3456

CSS Examples

Text

The CSS property to change the color of the text to Yxy 39.4852, 0.2860, 0.3727 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(122, 181, 153)` looks like.

```
.text, #text, p{  
    color:rgb(122, 181, 153)  
}
```

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(122, 181, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(122, 181, 153) }
```

Border

The CSS property to change the border of an element to Yxy 39.4852, 0.2860, 0.3727 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(122, 181, 153) }
```

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

```
.border{ border-color:rgb(122, 181, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(122, 181, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(122, 181, 153); -webkit-box-shadow:4px 4px 4px 4px rgb(122, 181, 153); box-shadow:4px 4px 4px 4px rgb(122, 181, 153) }
```


Background

The CSS property to change the background color of an element to Yxy 39.4852, 0.2860, 0.3727 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(122, 181, 153) }
```

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

```
.background{ background-color: rgb(122,  
181, 153) }
```

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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