

Converting Colors

$Yxy(39.6610, 0.2879, 0.3843)$

Have a look what the booklet for
Yxy(39.6610, 0.2879, 0.3843)
contains.

Yxy(39.4844, 0.2881, 0.3843)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(39.4844, 0.2881, 0.3843)

Conversions

Conversions Part 1

Format	Color
Hex	77B693
RGB	119, 182, 147
RGB Percent	47%, 71%, 58%
CMY	0.5334, 0.2863, 0.4236
CMYK	0.35, 0.00, 0.19, 0.29
HSL	147°, 30%, 59%
HSV	147°, 35%, 71%
XYZ	29.6005, 39.4844, 33.6588
YIQ	159.1730, -26.3130, -24.2410

Conversions

Conversions Part 2

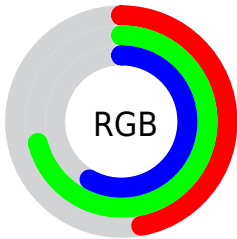
Format	Color
RYB	119, 163, 182
Decimal	7845523
CIELab	69.10, -27.90, 11.49
CIElCh	69, 30.174, 157.608
Yxy	39.4844, 0.2881, 0.3843
Android (android.graphics.Color)	4286035603 (0xFF77B693)
YUV	159.1730, -6.0013, -35.2317
Hunter-Lab	62.8366, -25.8780, 12.2266

Details

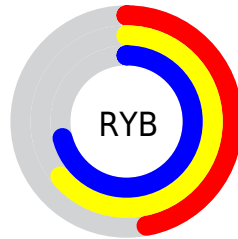
The Yxy color **39.4844, 0.2881, 0.3843** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **25.4716, 0.3485, 0.2799**, and the grayscale version is **34.7909, 0.3127, 0.3290**.

A 20% lighter version of the original color is **74.2504, 0.2930, 0.3729**, and **17.7383, 0.2799, 0.4045** is the 20% darker color. If you saturate the color by 10%, you get **38.0156, 0.2823, 0.4038**, and if you desaturate by 10%, it is **41.2310, 0.2947, 0.3663**.

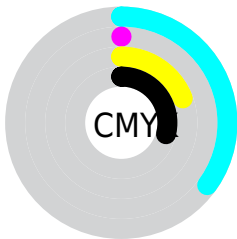
Distribution



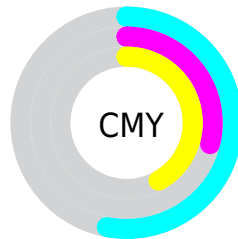
- Red (47%)
- Green (71%)
- Blue (58%)



- Red (47%)
- Yellow (64%)
- Blue (71%)



- Cyan (35%)
- Magenta (0%)
- Yellow (19%)
- Black (29%)





- Cyan (53%)
- Magenta (29%)
- Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 39.4844, 0.2881, 0.3843 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 39.4844, 0.2881, 0.3843 by changing the saturation by 10% instead.


 39.4844, 0.2881,
0.3843


 39.4844, 0.2881,
0.3843


343.9456, 0.3012,
0.3549


 27.1368, 0.2845,
0.3923

 74.3777, 0.2931,
0.3731

 17.6760, 0.2797,
0.4030


 97.6922, 0.2949,
0.3691

 10.7176, 0.2730,
0.4179


 125.4311, 0.2964,
0.3657

 5.8773, 0.2630,
0.4403

157.9788, 0.2977,
0.3629

 2.7706, 0.2462,
0.4774

195.7197, 0.2988,
0.3604

 1.0132, 0.1747,
0.6400

239.0382, 0.2997,

 0.0000, 0.0000,

0.3583

0.0000

288.3187, 0.3005,
0.3565

■ 39.4844, 0.2881,
0.3843

■ 39.4844, 0.2881,
0.3843

■ 38.0156, 0.2823,
0.4038

■ 41.2310, 0.2947,
0.3663

■ 36.8048, 0.2777,
0.4245

■ 43.2641, 0.3019,
0.3499

■ 35.8375, 0.2745,
0.4459


■ 45.5982, 0.3093,
0.3352


■ 35.0952, 0.2730,
0.4675


■ 48.2453, 0.3167,
0.3222

■ 34.5572, 0.2735,
0.4887

■ 51.2166, 0.3241,
0.3106

 34.1982, 0.2758,
0.5087

 54.5229, 0.3314,
0.3004

 34.0503, 0.2775,
0.5188

 58.1744, 0.3383,
0.2915

 60.3146, 0.3371,
0.2826

 60.8927, 0.3290,
0.2730

Harmonies

Analogous

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



39.4844, 0.3320, 0.4077



39.4844, 0.2881, 0.3843



39.4844, 0.2525, 0.3429

Triad

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



39.4844, 0.2881, 0.3843



39.4844, 0.2530, 0.2576



39.4844, 0.3993, 0.3476

Complementary

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



39.4844, 0.2881, 0.3843



25.4716, 0.3485, 0.2799

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.



39.4844, 0.3752, 0.3120



39.4844, 0.2881, 0.3843



39.4844, 0.2887, 0.2622

Square

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



39.4844, 0.2881, 0.3843



39.4844, 0.2335, 0.2703



39.4844, 0.3336, 0.2817



39.4844, 0.3978, 0.3815

Rectangle

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



39.4844, 0.2881, 0.3843



39.4844, 0.2376, 0.3137



39.4844, 0.3336, 0.2817



39.4844, 0.3939, 0.3356

Sweetspot

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



39.4860, 0.2881, 0.3843



80.2468, 0.3051, 0.3432



41.7291, 0.3386, 0.4216



17.5952, 0.3041, 0.3453



93.3107, 0.3127, 0.3290



18.7317, 0.3127, 0.3290

Same Dimension

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



39.4860, 0.2881, 0.3843



69.3889, 0.2833, 0.4000



40.5864, 0.2672, 0.3352



10.1246, 0.3057, 0.3420



24.0571, 0.2769, 0.5167



0.8606, 0.2626, 0.4653

Inverse Universe

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



25.4716, 0.3485, 0.2799



39.9235, 0.3603, 0.2683



24.5730, 0.3876, 0.3232



9.0935, 0.3203, 0.3164



7.7022, 0.4700, 0.2363



0.2838, 0.4217, 0.2097

Previews

White Background



This preview shows how the Yxy color 39.4844, 0.2881, 0.3843 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 39.4844, 0.2881, 0.3843 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 39.4844, 0.2881, 0.3843

Background



This preview shows how black text looks on a background with the Yxy color 39.4844, 0.2881, 0.3843.



This preview shows how white text looks on a background with the Yxy color 39.4844, 0.2881, 0.3843.

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

39.4844, 0.2881, 0.3843

Protanopia

39.2458, 0.3460, 0.3683

Deuteranopia

39.0222, 0.3502, 0.3439



Tritanopia

39.3576, 0.2642, 0.3084

Trichromacy



Original Color

39.4844, 0.2881, 0.3843

Protanomaly

38.9382, 0.3223, 0.3734

Deuteranomaly

38.4705, 0.3244, 0.3565

Tritanomaly

39.2568, 0.2732, 0.3349

Monochromacy



Original Color

39.4844, 0.2881, 0.3843

Achromatopsia

34.6704, 0.3127, 0.3290

Achromatomaly

35.9333, 0.3019, 0.3473

CSS Examples

Text

The CSS property to change the color of the text to Yxy 39.4844, 0.2881, 0.3843 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(119, 182, 147)` looks like.

```
.text, #text, p{  
    color:rgb(119, 182, 147)  
}
```

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(119, 182, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(119, 182, 147) }
```

Border

The CSS property to change the border of an element to Yxy 39.4844, 0.2881, 0.3843 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(119, 182, 147) }
```

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

```
.border{ border-color:rgb(119, 182, 147) }
```

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

Here you see how a box with a 4 pixel `rgb(119, 182, 147)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(119, 182, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(119, 182, 147);  
box-shadow:4px 4px 4px 4px rgb(119, 182,  
147) }
```


Background

The CSS property to change the background color of an element to Yxy 39.4844, 0.2881, 0.3843 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(119, 182, 147) }
```

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

```
.background{ background-color: rgb(119,  
182, 147) }
```

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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