

Converting Colors

$Yxy(39.3018, 0.2984, 0.4190)$

Have a look what the booklet for
Yxy(39.3018, 0.2984, 0.4190)
contains.

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Color

Yxy(39.4843, 0.2985, 0.4194)

Conversions

Conversions Part 1

Format	Color
Hex	73B880
RGB	115, 184, 128
RGB Percent	45%, 72%, 50%
CMY	0.5492, 0.2784, 0.4981
CMYK	0.38, 0.00, 0.30, 0.28
HSL	131°, 33%, 59%
HSV	131°, 38%, 72%
XYZ	28.1022, 39.4843, 26.5582
YIQ	156.9850, -23.1480, -32.0440

Conversions

Conversions Part 2

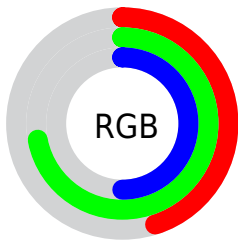
Format	Color
RYB	115, 173, 184
Decimal	7583872
CIELab	69.10, -33.72, 21.76
CIElCh	69, 40.130, 147.158
Yxy	39.4843, 0.2985, 0.4194
Android (android.graphics.Color)	4285773952 (0xFF73B880)
YUV	156.9850, -14.2896, -36.8208
Hunter-Lab	62.8365, -30.1339, 18.9263

Details

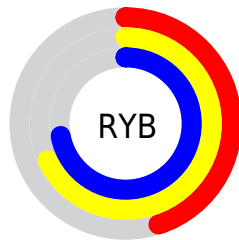
The Yxy color **39.4843, 0.2985, 0.4194** is a dark color, and the websafe version is hex **99CC99**. A complement of this color would be **25.3832, 0.3315, 0.2531**, and the grayscale version is **33.7794, 0.3127, 0.3290**.

A 20% lighter version of the original color is **74.0914, 0.3019, 0.4004**, and **17.5395, 0.2918, 0.4511** is the 20% darker color. If you saturate the color by 10%, you get **37.9965, 0.2954, 0.4488**, and if you desaturate by 10%, it is **41.2822, 0.3021, 0.3919**.

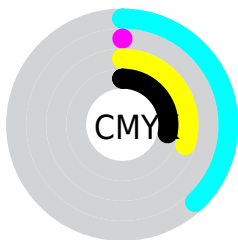
Distribution



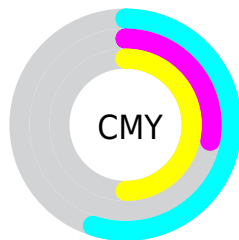
- Red (45%)
- Green (72%)
- Blue (50%)



- Red (45%)
- Yellow (68%)
- Blue (72%)



- Cyan (38%)
- Magenta (0%)
- Yellow (30%)
- Black (28%)





- Cyan (55%)
- Magenta (28%)
- Yellow (50%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 39.4843, 0.2985, 0.4194 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 39.4843, 0.2985, 0.4194 by changing the saturation by 10% instead.

 39.4843, 0.2985,
0.4194


 39.4843, 0.2985,
0.4194


343.9452, 0.3071,
0.3706

 27.1367, 0.2958,
0.4329

 74.3776, 0.3020,
0.4007

 17.6759, 0.2919,
0.4509


 97.6920, 0.3032,
0.3940

 10.7176, 0.2860,
0.4764


 125.4309, 0.3042,
0.3884

 5.8772, 0.2762,
0.5146

157.9786, 0.3050,
0.3837

 2.7706, 0.2582,
0.5787

195.7194, 0.3056,
0.3797

 1.0132, 0.1172,
0.8828

239.0379, 0.3062,

 0.0000, 0.0000,

0.3762

0.0000

288.3183, 0.3067,
0.3732

■ 39.4843, 0.2985,
0.4194

■ 39.4843, 0.2985,
0.4194

■ 37.9965, 0.2954,
0.4488

■ 41.2822, 0.3021,
0.3919

■ 36.7963, 0.2930,
0.4791

■ 43.4014, 0.3059,
0.3667

■ 35.8664, 0.2917,
0.5088

■ 45.8582, 0.3098,
0.3442


■ 35.1851, 0.2915,
0.5363


■ 48.6667, 0.3137,
0.3243


■ 34.7275, 0.2925,
0.5598


■ 51.8402, 0.3174,
0.3069

 34.4577, 0.2945,
0.5781

 55.3909, 0.3209,
0.2918

 34.4054, 0.2949,
0.5818

 59.3310, 0.3242,
0.2787

 62.2869, 0.3216,
0.2663

 62.7657, 0.3160,
0.2595

Harmonies

Analogous

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



39.4843, 0.3564, 0.4373



39.4843, 0.2985, 0.4194



39.4843, 0.2472, 0.3681

Triad

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



39.4843, 0.2985, 0.4194



39.4843, 0.2236, 0.2391



39.4843, 0.4206, 0.3349

Complementary

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



39.4843, 0.2985, 0.4194



25.3832, 0.3315, 0.2531

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.



39.4843, 0.3781, 0.2915



39.4843, 0.2985, 0.4194



39.4843, 0.2624, 0.2385

Square

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



39.4843, 0.2985, 0.4194



39.4843, 0.2073, 0.2620



39.4843, 0.3184, 0.2573



39.4843, 0.4300, 0.3806

Rectangle

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



39.4843, 0.2985, 0.4194



39.4843, 0.2233, 0.3272



39.4843, 0.3184, 0.2573



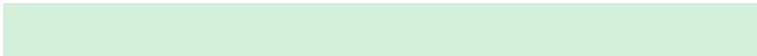
39.4843, 0.4096, 0.3198

Sweetspot

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



39.4859, 0.2985, 0.4194



81.4178, 0.3084, 0.3521



44.2200, 0.3564, 0.4247



17.4221, 0.3079, 0.3551



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.



39.4859, 0.2985, 0.4194



69.3092, 0.2959, 0.4435



40.5415, 0.2751, 0.3628



10.0871, 0.3091, 0.3481



23.7167, 0.2945, 0.5801



0.8445, 0.2817, 0.5340

Inverse Universe

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



25.3832, 0.3315, 0.2531



40.0632, 0.3368, 0.2371



24.2448, 0.3738, 0.2981



9.1329, 0.3165, 0.3106



8.5345, 0.3745, 0.1837



0.3085, 0.3583, 0.1748

Previews

White Background



This preview shows how the Yxy color 39.4843, 0.2985, 0.4194 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 39.4843, 0.2985, 0.4194 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

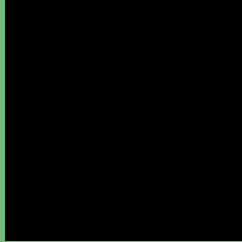
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 39.4843, 0.2985, 0.4194

Background



This preview shows how black text looks on a background with the Yxy color 39.4843, 0.2985, 0.4194.

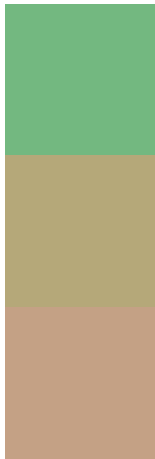


This preview shows how white text looks on a background with the Yxy color 39.4843, 0.2985, 0.4194.

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

39.4843, 0.2985, 0.4194

Protanopia

39.2095, 0.3671, 0.3943

Deuteranopia

38.9190, 0.3740, 0.3662



Tritanopia

39.3576, 0.2642, 0.3084

Trichromacy



Original Color

39.4843, 0.2985, 0.4194



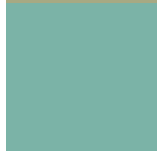
Protanomaly

38.8954, 0.3389, 0.4034



Deuteranomaly

38.2301, 0.3439, 0.3842



Tritanomaly

39.2412, 0.2767, 0.3473

Monochromacy



Original Color

39.4843, 0.2985, 0.4194



Achromatopsia

33.7164, 0.3127, 0.3290



Achromatomaly

35.4635, 0.3075, 0.3616

CSS Examples

Text

The CSS property to change the color of the text to Yxy 39.4843, 0.2985, 0.4194 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(115, 184, 128)` looks like.

```
.text, #text, p{  
    color:rgb(115, 184, 128)  
}
```

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(115, 184, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(115, 184, 128) }
```

Border

The CSS property to change the border of an element to Yxy 39.4843, 0.2985, 0.4194 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(115, 184, 128) }
```

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

```
.border{ border-color:rgb(115, 184, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(115, 184, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(115, 184, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(115, 184, 128);  
box-shadow:4px 4px 4px 4px rgb(115, 184,  
128) }
```


Background

The CSS property to change the background color of an element to Yxy 39.4843, 0.2985, 0.4194 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(115, 184, 128) }
```

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

```
.background{ background-color: rgb(115,  
184, 128) }
```

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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