

Converting Colors

$Yxy(39.3665, 0.2748, 0.3711)$

Have a look what the booklet for
Yxy(39.3665, 0.2748, 0.3711)
contains.

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Color

Yxy(39.5185, 0.2751, 0.3718)

Conversions

Conversions Part 1

Format	Color
Hex	6DB79C
RGB	109, 183, 156
RGB Percent	43%, 72%, 61%
CMY	0.5725, 0.2823, 0.3883
CMYK	0.40, 0.00, 0.15, 0.28
HSL	158°, 34%, 57%
HSV	158°, 40%, 72%
XYZ	29.2403, 39.5185, 37.5309
YIQ	157.7960, -35.4370, -24.0850

Conversions

Conversions Part 2

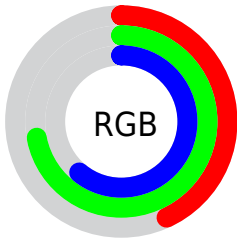
Format	Color
RYB	109, 154, 183
Decimal	7190428
CIELab	69.13, -29.38, 6.54
CIElCh	69, 30.103, 167.456
Yxy	39.5185, 0.2751, 0.3718
Android (android.graphics.Color)	4285380508 (0xFF6DB79C)
YUV	157.7960, -0.8854, -42.7941
Hunter-Lab	62.8637, -26.9845, 8.6073

Details

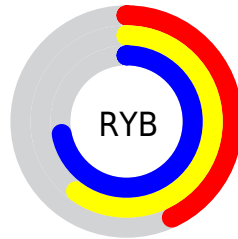
The Yxy color **39.5185, 0.2751, 0.3718** is a dark color, and the websafe version is hex **99CC99**. A complement of this color would be **22.7854, 0.3757, 0.2907**, and the grayscale version is **34.1119, 0.3127, 0.3290**.

A 20% lighter version of the original color is **74.1727, 0.2823, 0.3635**, and **17.8259, 0.2635, 0.3862** is the 20% darker color. If you saturate the color by 10%, you get **38.2575, 0.2681, 0.3846**, and if you desaturate by 10%, it is **41.0368, 0.2833, 0.3598**.

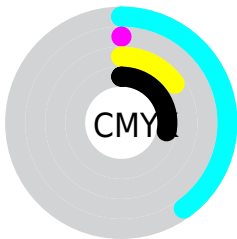
Distribution



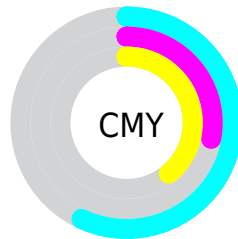
- Red (43%)
- Green (72%)
- Blue (61%)



- Red (43%)
- Yellow (60%)
- Blue (72%)



- Cyan (40%)
- Magenta (0%)
- Yellow (15%)
- Black (28%)





- Cyan (57%)
- Magenta (28%)
- Yellow (39%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 39.5185, 0.2751, 0.3718 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 39.5185, 0.2751, 0.3718 by changing the saturation by 10% instead.


 39.5185, 0.2751,
0.3718


 39.5185, 0.2751,
0.3718


344.0899, 0.2947,
0.3492

 27.1633, 0.2700,
0.3778


 74.4297, 0.2824,
0.3633

 17.6959, 0.2632,
0.3859


 97.7546, 0.2851,
0.3602

 10.7319, 0.2539,
0.3970


 125.5048, 0.2873,
0.3576

 5.8869, 0.2405,
0.4135

 158.0648, 0.2892,
0.3554

 2.7764, 0.2191,
0.4405

195.8189, 0.2909,
0.3536

 1.0161, 0.1277,
0.5343

239.1515, 0.2923,

 0.0000, 0.0000,

0.3519

0.0000

288.4470, 0.2936,
0.3505

■ 39.5185, 0.2751,
0.3718

■ 39.5185, 0.2751,
0.3718

■ 38.2575, 0.2681,
0.3846

■ 41.0368, 0.2833,
0.3598

■ 37.2336, 0.2627,
0.3981

■ 42.8216, 0.2924,
0.3487

■ 36.4316, 0.2590,
0.4120


■ 44.8874, 0.3022,
0.3385


■ 35.8319, 0.2572,
0.4261


■ 47.2464, 0.3123,
0.3294

■ 35.4118, 0.2575,
0.4400


■ 49.9098, 0.3225,
0.3212

 35.1336, 0.2592,
0.4532

 52.8886, 0.3328,
0.3139

 56.1929, 0.3428,
0.3075

 59.7542, 0.3523,
0.3018

 60.0931, 0.3467,
0.2951

Harmonies

Analogous

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



39.5185, 0.3174, 0.4026



39.5185, 0.2751, 0.3718



39.5185, 0.2443, 0.3282

Triad

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



39.5185, 0.2751, 0.3718



39.5185, 0.2633, 0.2575



39.5185, 0.4015, 0.3592

Complementary

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



39.5185, 0.2751, 0.3718



22.7854, 0.3757, 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.



39.5185, 0.3854, 0.3235



39.5185, 0.2751, 0.3718



39.5185, 0.3030, 0.2673

Square

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



39.5185, 0.2751, 0.3718



39.5185, 0.2381, 0.2643



39.5185, 0.3483, 0.2908



39.5185, 0.3916, 0.3907

Rectangle

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



39.5185, 0.2751, 0.3718



39.5185, 0.2335, 0.3007



39.5185, 0.3483, 0.2908



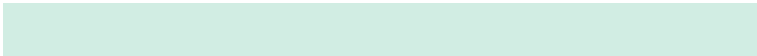
39.5185, 0.3990, 0.3474

Sweetspot

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



39.5201, 0.2751, 0.3718



79.6984, 0.3004, 0.3402



40.2189, 0.3292, 0.4432



17.4933, 0.2991, 0.3415



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.



39.5201, 0.2751, 0.3718



68.6436, 0.2685, 0.3838



36.6109, 0.2555, 0.3136



10.1535, 0.3033, 0.3375



24.5222, 0.2588, 0.4515



0.8759, 0.2489, 0.4160

Inverse Universe

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



22.7854, 0.3757, 0.2907



34.3501, 0.3981, 0.2822



24.3360, 0.4075, 0.3435



9.0650, 0.3232, 0.3207



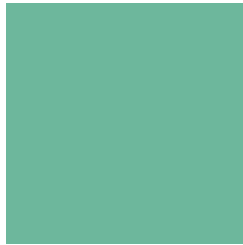
7.3166, 0.5485, 0.2795



0.2700, 0.4770, 0.2402

Previews

White Background



This preview shows how the Yxy color 39.5185, 0.2751, 0.3718 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 39.5185, 0.2751, 0.3718 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 39.5185, 0.2751, 0.3718

Background



This preview shows how black text looks on a background with the Yxy color 39.5185, 0.2751, 0.3718.



This preview shows how white text looks on a background with the Yxy color 39.5185, 0.2751, 0.3718.

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

39.5185, 0.2751, 0.3718

Protanopia

39.0057, 0.3380, 0.3557

Deuteranopia

38.9435, 0.3387, 0.3318



Tritanopia

39.4981, 0.2568, 0.3082

Trichromacy



Original Color

39.5185, 0.2751, 0.3718

Protanomaly

38.7969, 0.3121, 0.3617

Deuteranomaly

38.6236, 0.3120, 0.3449

Tritanomaly

39.5420, 0.2634, 0.3304

Monochromacy



Original Color

39.5185, 0.2751, 0.3718

Achromatopsia

34.1914, 0.3127, 0.3290

Achromatomaly

35.6472, 0.2967, 0.3443

CSS Examples

Text

The CSS property to change the color of the text to Yxy 39.5185, 0.2751, 0.3718 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(109, 183, 156)` looks like.

```
.text, #text, p{  
    color:rgb(109, 183, 156)  
}
```

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(109, 183, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(109, 183, 156) }
```

Border

The CSS property to change the border of an element to Yxy 39.5185, 0.2751, 0.3718 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(109, 183, 156) }
```

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

```
.border{ border-color:rgb(109, 183, 156) }
```

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

Here you see how a box with a 4 pixel rgb(109, 183, 156) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(109, 183, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(109, 183, 156);  
box-shadow:4px 4px 4px 4px rgb(109, 183,  
156) }
```


Background

The CSS property to change the background color of an element to Yxy 39.5185, 0.2751, 0.3718 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(109, 183, 156) }
```

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

```
.background{ background-color: rgb(109,  
183, 156) }
```

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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