

Converting Colors

$Yxy(39.6225, 0.2689, 0.3818)$

Have a look what the booklet for
Yxy(39.6225, 0.2689, 0.3818)
contains.

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Color

Yxy(39.4307, 0.2687, 0.3809)

Conversions

Conversions Part 1

Format	Color
Hex	5FB999
RGB	95, 185, 153
RGB Percent	37%, 73%, 60%
CMY	0.6275, 0.2745, 0.4001
CMYK	0.49, 0.00, 0.17, 0.27
HSL	159°, 39%, 55%
HSV	159°, 49%, 73%
XYZ	27.8158, 39.4307, 36.2733
YIQ	154.4420, -43.3680, -29.0320

Conversions

Conversions Part 2

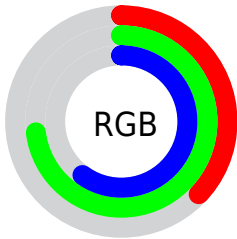
Format	Color
RYB	95, 150, 185
Decimal	6273433
CIELab	69.06, -34.69, 8.01
CIELCh	69, 35.599, 166.991
Yxy	39.4307, 0.2687, 0.3809
Android (android.graphics.Color)	4284463513 (0xFF5FB999)
YUV	154.4420, -0.7109, -52.1306
Hunter-Lab	62.7939, -30.8192, 9.7064

Details

The Yxy color **39.4307, 0.2687, 0.3809** is a dark color, and the websafe version is hex **66CC99**. A complement of this color would be **20.0304, 0.3965, 0.2844**, and the grayscale version is **32.5358, 0.3127, 0.3290**.

A 20% lighter version of the original color is **74.5886, 0.2777, 0.3714**, and **17.5670, 0.2545, 0.3976** is the 20% darker color. If you saturate the color by 10%, you get **38.3450, 0.2629, 0.3939**, and if you desaturate by 10%, it is **40.7668, 0.2760, 0.3685**.

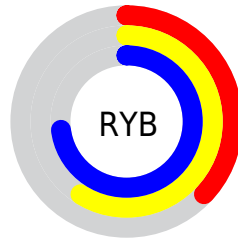
Distribution



Red (37%)

Green (73%)

Blue (60%)



Red (37%)

Yellow (59%)

Blue (73%)

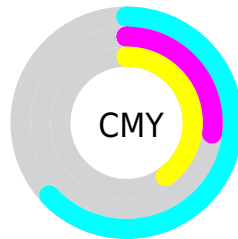


Cyan (49%)

Magenta (0%)

Yellow (17%)

Black (27%)



Cyan (63%)


Magenta (27%)


Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 39.4307, 0.2687, 0.3809 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 39.4307, 0.2687, 0.3809 by changing the saturation by 10% instead.


 39.4307, 0.2687,
0.3809


 39.4307, 0.2687,
0.3809


343.7182, 0.2917,
0.3534


 27.0949, 0.2627,
0.3883


 74.2958, 0.2773,
0.3705

 17.6445, 0.2547,
0.3982


 97.5940, 0.2804,
0.3667

 10.6951, 0.2438,
0.4120


 125.3151, 0.2831,
0.3636

 5.8622, 0.2278,
0.4325

 157.8435, 0.2853,
0.3609

 2.7615, 0.2026,
0.4661

195.5636, 0.2872,
0.3586

 1.0085, 0.0648,
0.6122

238.8598, 0.2889,

 0.0000, 0.0000,

0.3567

0.0000

288.1166, 0.2904,
0.3549

■ 39.4307, 0.2687,
0.3809

■ 39.4307, 0.2687,
0.3809

■ 38.3450, 0.2629,
0.3939

■ 40.7668, 0.2760,
0.3685

■ 37.4879, 0.2588,
0.4074

■ 42.3640, 0.2845,
0.3570

■ 36.8415, 0.2566,
0.4210


■ 44.2380, 0.2939,
0.3463


■ 36.3832, 0.2565,
0.4347


■ 46.4020, 0.3038,
0.3366


■ 36.0745, 0.2581,
0.4481


■ 48.8683, 0.3141,
0.3279

 36.0370, 0.2583,
0.4499

 51.6483, 0.3245,
0.3201

 54.7531, 0.3349,
0.3131

 58.1930, 0.3451,
0.3070

 60.7251, 0.3496,
0.3011

Harmonies

Analogous

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



39.4307, 0.3182, 0.4176



39.4307, 0.2687, 0.3809



39.4307, 0.2329, 0.3282

Triad

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



39.4307, 0.2687, 0.3809



39.4307, 0.2540, 0.2457



39.4307, 0.4177, 0.3626

Complementary

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



39.4307, 0.2687, 0.3809



20.0304, 0.3965, 0.2844

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.



39.4307, 0.3984, 0.3212



39.4307, 0.2687, 0.3809



39.4307, 0.3000, 0.2570

Square

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



39.4307, 0.2687, 0.3809



39.4307, 0.2253, 0.2533



39.4307, 0.3538, 0.2838



39.4307, 0.4059, 0.4002

Rectangle

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



39.4307, 0.2687, 0.3809



39.4307, 0.2204, 0.2954



39.4307, 0.3538, 0.2838



39.4307, 0.4148, 0.3488

Sweetspot

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



39.4323, 0.2687, 0.3809



80.4860, 0.2972, 0.3429



40.1155, 0.3312, 0.4691



17.1828, 0.2951, 0.3450



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.



39.4323, 0.2687, 0.3809



68.6198, 0.2627, 0.3943



35.8242, 0.2459, 0.3100



10.1549, 0.3031, 0.3373



24.5504, 0.2578, 0.4482



0.8768, 0.2482, 0.4136

Inverse Universe

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



20.0304, 0.3965, 0.2844



29.9233, 0.4250, 0.2767



21.6549, 0.4370, 0.3462



9.0636, 0.3234, 0.3209



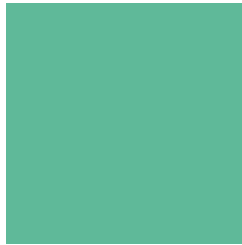
7.3022, 0.5522, 0.2816



0.2695, 0.4799, 0.2417

Previews

White Background



This preview shows how the Yxy color 39.4307, 0.2687, 0.3809 looks on a white background.

Color Contrast Check

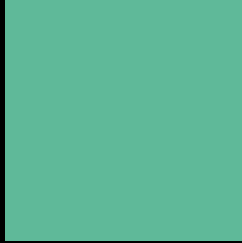
Large Text (above 18pt) WCAG AA × Fail

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 39.4307, 0.2687, 0.3809 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 39.4307, 0.2687, 0.3809

Background



This preview shows how black text looks on a background with the Yxy color 39.4307, 0.2687, 0.3809.



This preview shows how white text looks on a background with the Yxy color 39.4307, 0.2687, 0.3809.

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

39.4307, 0.2687, 0.3809

Protanopia

38.8812, 0.3416, 0.3614

Deuteranopia

38.8741, 0.3406, 0.3345



Tritanopia

39.2610, 0.2492, 0.3064

Trichromacy



Original Color

39.4307, 0.2687, 0.3809

Protanomaly

38.5817, 0.3108, 0.3697

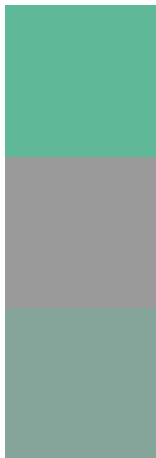
Deuteranomaly

38.0198, 0.3099, 0.3497

Tritanomaly

39.1860, 0.2563, 0.3319

Monochromacy



Original Color

39.4307, 0.2687, 0.3809

Achromatopsia

32.3143, 0.3127, 0.3290

Achromatomaly

34.2299, 0.2930, 0.3463

CSS Examples

Text

The CSS property to change the color of the text to Yxy 39.4307, 0.2687, 0.3809 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(95, 185, 153)` looks like.

```
.text, #text, p{  
  color:rgb(95, 185, 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(95, 185, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(95, 185, 153) }
```

Border

The CSS property to change the border of an element to Yxy 39.4307, 0.2687, 0.3809 is called "border". The border property can be set on classes, ids or directly on the HTML element.

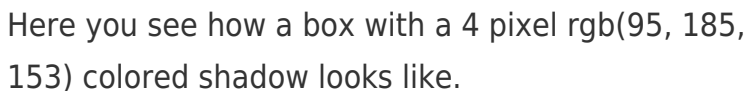
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(95, 185, 153) }
```

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

```
.border{ border-color:rgb(95, 185, 153) }
```

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



Here you see how a box with a 4 pixel `rgb(95, 185, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(95, 185, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(95, 185, 153);  
box-shadow:4px 4px 4px 4px rgb(95, 185,  
153) }
```


Background

The CSS property to change the background color of an element to Yxy 39.4307, 0.2687, 0.3809 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(95, 185, 153) }
```

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

```
.background{ background-color: rgb(95, 185,  
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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