

Converting Colors

$Y_{xy}(39.7406, 0.2975, 0.3981)$

Have a look what the booklet for
Yxy(39.7406, 0.2975, 0.3981)
contains.

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Color

Yxy(39.6051, 0.2976, 0.3968)

Conversions

Conversions Part 1

Format	Color
Hex	7CB68B
RGB	124, 182, 139
RGB Percent	49%, 71%, 55%
CMY	0.5136, 0.2863, 0.4549
CMYK	0.32, 0.00, 0.24, 0.29
HSL	135°, 28%, 60%
HSV	135°, 32%, 71%
XYZ	29.7038, 39.6051, 30.5023
YIQ	159.7560, -20.7650, -25.6690

Conversions

Conversions Part 2

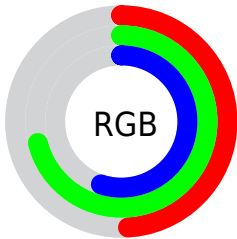
Format	Color
RYB	124, 170, 182
Decimal	8173195
CIELab	69.19, -27.88, 16.01
CIElCh	69, 32.149, 150.131
Yxy	39.6051, 0.2976, 0.3968
Android (android.graphics.Color)	4286363275 (0xFF7CB68B)
YUV	159.7560, -10.2327, -31.3580
Hunter-Lab	62.9326, -25.8810, 15.3160

Details

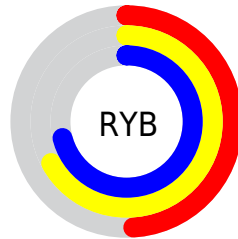
The Yxy color **39.6051, 0.2976, 0.3968** is a dark color, and the websafe version is hex **99CC99**. A complement of this color would be **27.1611, 0.3325, 0.2697**, and the grayscale version is **35.0948, 0.3127, 0.3290**.

A 20% lighter version of the original color is **74.4643, 0.3007, 0.3823**, and **17.8383, 0.2919, 0.4199** is the 20% darker color. If you saturate the color by 10%, you get **38.0024, 0.2935, 0.4227**, and if you desaturate by 10%, it is **41.5101, 0.3022, 0.3730**.

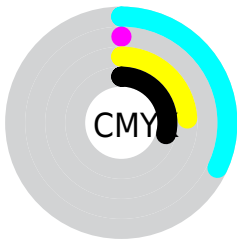
Distribution



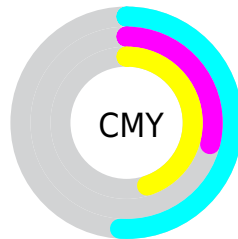
- Red (49%)
- Green (71%)
- Blue (55%)



- Red (49%)
- Yellow (67%)
- Blue (71%)



- Cyan (32%)
- Magenta (0%)
- Yellow (24%)
- Black (29%)





- Cyan (51%)
- Magenta (29%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 39.6051, 0.2976, 0.3968 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 39.6051, 0.2976, 0.3968 by changing the saturation by 10% instead.

 39.6051, 0.2976,
0.3968


 39.6051, 0.2976,
0.3968


344.4563, 0.3061,
0.3605


 27.2308, 0.2951,
0.4067


 74.5618, 0.3009,
0.3830

 17.7466, 0.2917,
0.4199


 97.9130, 0.3021,
0.3780

 10.7682, 0.2868,
0.4385


 125.6919, 0.3031,
0.3739

 5.9112, 0.2789,
0.4664

158.2829, 0.3039,
0.3704

 2.7912, 0.2649,
0.5125

196.0705, 0.3046,
0.3674

 1.0237, 0.2185,
0.7815

239.4390, 0.3051,

 0.0000, 0.0000,

0.3648

0.0000

288.7728, 0.3057,
0.3625

■ 39.6051, 0.2976,
0.3968

■ 39.6051, 0.2976,
0.3968

■ 38.0024, 0.2935,
0.4227

■ 41.5101, 0.3022,
0.3730

■ 36.6816, 0.2901,
0.4502

■ 43.7269, 0.3070,
0.3514

■ 35.6273, 0.2878,
0.4783

■ 46.2706, 0.3118,
0.3323

■ 34.8206, 0.2868,
0.5059


■ 49.1538, 0.3166,
0.3154


■ 34.2400, 0.2873,
0.5315


■ 52.3886, 0.3212,
0.3007


 33.8604, 0.2892,
0.5537

 55.9864, 0.3256,
0.2878

 33.6599, 0.2913,
0.5688

 59.9580, 0.3297,
0.2767

 61.4316, 0.3221,
0.2647

 61.9350, 0.3161,
0.2575

Harmonies

Analogous

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



39.6051, 0.3445, 0.4148



39.6051, 0.2976, 0.3968



39.6051, 0.2567, 0.3556

Triad

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



39.6051, 0.2976, 0.3968



39.6051, 0.2424, 0.2549



39.6051, 0.4009, 0.3389

Complementary

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



39.6051, 0.2976, 0.3968



27.1611, 0.3325, 0.2697

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.



39.6051, 0.3694, 0.3021



39.6051, 0.2976, 0.3968



39.6051, 0.2764, 0.2556

Square

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



39.6051, 0.2976, 0.3968



39.6051, 0.2268, 0.2728



39.6051, 0.3227, 0.2726



39.6051, 0.4062, 0.3760

Rectangle

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



39.6051, 0.2976, 0.3968



39.6051, 0.2379, 0.3238



39.6051, 0.3227, 0.2726



39.6051, 0.3930, 0.3262

Sweetspot

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



39.6068, 0.2976, 0.3968



80.0103, 0.3078, 0.3481



43.1820, 0.3465, 0.4109



17.5366, 0.3071, 0.3509



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.



39.6068, 0.2976, 0.3968



69.7746, 0.2947, 0.4142



40.5517, 0.2775, 0.3509



10.0971, 0.3082, 0.3464



23.7803, 0.2908, 0.5669



0.8487, 0.2760, 0.5136

Inverse Universe

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



27.1611, 0.3325, 0.2697



43.7577, 0.3379, 0.2570



26.2198, 0.3662, 0.3084



9.1221, 0.3176, 0.3122



8.2704, 0.3979, 0.1966



0.3010, 0.3741, 0.1834

Previews

White Background



This preview shows how the Yxy color 39.6051, 0.2976, 0.3968 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 39.6051, 0.2976, 0.3968 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

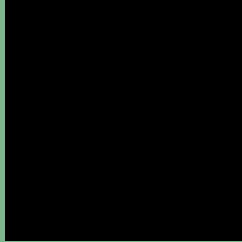
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 39.6051, 0.2976, 0.3968

Background



This preview shows how black text looks on a background with the Yxy color 39.6051, 0.2976, 0.3968.



This preview shows how white text looks on a background with the Yxy color 39.6051, 0.2976, 0.3968.

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

39.6051, 0.2976, 0.3968

Protanopia

39.2549, 0.3552, 0.3793

Deuteranopia

39.1613, 0.3609, 0.3545



Tritanopia

39.4024, 0.2690, 0.3086

Trichromacy



Original Color

39.6051, 0.2976, 0.3968

Protanomaly

39.0073, 0.3318, 0.3851

Deuteranomaly

38.6538, 0.3352, 0.3679

Tritanomaly

39.5269, 0.2789, 0.3394

Monochromacy



Original Color

39.6051, 0.2976, 0.3968

Achromatopsia

35.1533, 0.3127, 0.3290

Achromatomaly

36.4753, 0.3070, 0.3533

CSS Examples

Text

The CSS property to change the color of the text to Yxy 39.6051, 0.2976, 0.3968 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(124, 182, 139)` looks like.

```
.text, #text, p{  
    color:rgb(124, 182, 139)  
}
```

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(124, 182, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 182, 139) }
```

Border

The CSS property to change the border of an element to Yxy 39.6051, 0.2976, 0.3968 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(124, 182, 139) }
```

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

```
.border{ border-color:rgb(124, 182, 139) }
```

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

Here you see how a box with a 4 pixel `rgb(124, 182, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(124, 182, 139); -webkit-box-  
shadow:4px 4px 4px 4px rgb(124, 182, 139);  
box-shadow:4px 4px 4px 4px rgb(124, 182,  
139) }
```


Background

The CSS property to change the background color of an element to Yxy 39.6051, 0.2976, 0.3968 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(124, 182, 139) }
```

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

```
.background{ background-color: rgb(124,  
182, 139) }
```

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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