

Converting Colors

$Yxy(39.8071, 0.2551, 0.3082)$

Have a look what the booklet for
Yxy(39.8071, 0.2551, 0.3082)
contains.

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Color

Yxy(39.8035, 0.2551, 0.3082)

Conversions

Conversions Part 1

Format	Color
Hex	74B3C1
RGB	116, 179, 193
RGB Percent	45%, 70%, 76%
CMY	0.5452, 0.2980, 0.2431
CMYK	0.40, 0.07, 0.00, 0.24
HSL	191°, 38%, 61%
HSV	191°, 40%, 76%
XYZ	32.9457, 39.8035, 56.3991
YIQ	161.7590, -42.0420, -9.0020

Conversions

Conversions Part 2

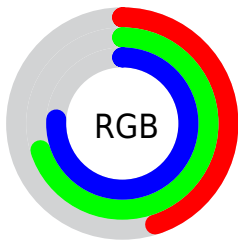
Format	Color
RYB	116, 151, 193
Decimal	7648193
CIELab	69.33, -16.57, -13.50
CIElCh	69, 21.374, 219.172
Yxy	39.8035, 0.2551, 0.3082
Android (android.graphics.Color)	4285838273 (0xFF74B3C1)
YUV	161.7590, 15.4018, -40.1306
Hunter-Lab	63.0900, -17.1945, -8.8390

Details

The Yxy color **39.8035, 0.2551, 0.3082** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **28.5559, 0.4041, 0.3484**, and the grayscale version is **35.9526, 0.3127, 0.3290**.

A 20% lighter version of the original color is **74.9141, 0.2658, 0.3131**, and **17.8099, 0.2390, 0.3017** is the 20% darker color. If you saturate the color by 10%, you get **37.2294, 0.2430, 0.3021**, and if you desaturate by 10%, it is **42.6912, 0.2684, 0.3140**.

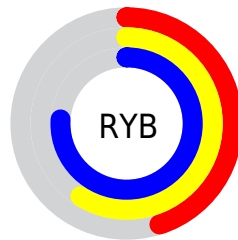
Distribution



Red (45%)

Green (70%)

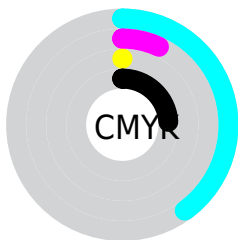
Blue (76%)



Red (45%)

Yellow (59%)

Blue (76%)

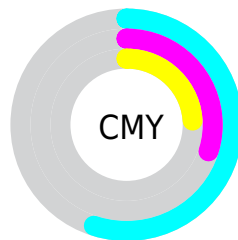


Cyan (40%)

Magenta (7%)

Yellow (0%)

Black (24%)



Cyan (55%)


Magenta (30%)


Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 39.8035, 0.2551, 0.3082 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 39.8035, 0.2551, 0.3082 by changing the saturation by 10% instead.


 39.8035, 0.2551,
0.3082


 39.8035, 0.2551,
0.3082


345.2947, 0.2841,
0.3194


 27.3854, 0.2479,
0.3051


 74.8642, 0.2656,
0.3125

 17.8629, 0.2386,
0.3011


 98.2756, 0.2696,
0.3140

 10.8516, 0.2262,
0.2954


 126.1201, 0.2729,
0.3153

 5.9671, 0.2091,
0.2870

158.7823, 0.2758,
0.3164

 2.8251, 0.1839,
0.2734

196.6464, 0.2783,
0.3173

 1.0411, 0.1387,
0.2502

240.0969, 0.2805,

 0.0000, 0.0000,

0.3181

0.0000

289.5182, 0.2824,
0.3188

■ 39.8035, 0.2551,
0.3082

■ 39.8035, 0.2551,
0.3082

■ 37.2294, 0.2430,
0.3021

■ 42.6912, 0.2684,
0.3140

■ 34.9468, 0.2325,
0.2957

■ 45.9038, 0.2827,
0.3194

■ 32.9379, 0.2237,
0.2892

■ 49.4576, 0.2976,
0.3245

■ 31.1808, 0.2167,
0.2827

■ 53.3662, 0.3129,
0.3290

■ 29.6495, 0.2117,
0.2762

■ 57.6428, 0.3282,
0.3332

■ 28.2943, 0.2083,
0.2697

■ 62.2996, 0.3434,
0.3369

■ 28.2822, 0.2082,
0.2696

■ 67.3482, 0.3582,
0.3402

■ 69.7654, 0.3605,
0.3436

■ 71.4841, 0.3597,
0.3472

Harmonies

Analogous

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



39.8035, 0.2687, 0.3376



39.8035, 0.2551, 0.3082



39.8035, 0.2559, 0.2867

Triad

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



39.8035, 0.2551, 0.3082



39.8035, 0.3295, 0.2958



39.8035, 0.3543, 0.3833

Complementary

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



39.8035, 0.2551, 0.3082



28.5559, 0.4041, 0.3484

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.



39.8035, 0.3725, 0.3685



39.8035, 0.2551, 0.3082



39.8035, 0.3580, 0.3186

Square

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



39.8035, 0.2551, 0.3082



39.8035, 0.2976, 0.2810



39.8035, 0.3740, 0.3448



39.8035, 0.3255, 0.3831

Rectangle

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



39.8035, 0.2551, 0.3082



39.8035, 0.2646, 0.2790



39.8035, 0.3740, 0.3448



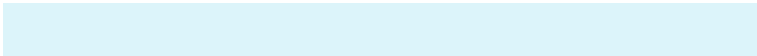
39.8035, 0.3619, 0.3798

Sweetspot

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



39.8051, 0.2551, 0.3082



87.0712, 0.2942, 0.3234



43.4324, 0.2988, 0.4294



18.4967, 0.2922, 0.3227



97.7402, 0.3127, 0.3290



20.4902, 0.3127, 0.3290

Same Dimension

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



39.8051, 0.2551, 0.3082



67.1828, 0.2443, 0.3028



26.8045, 0.2461, 0.2494



11.1071, 0.2984, 0.3247



18.9178, 0.2085, 0.2705



0.9004, 0.2125, 0.2849

Inverse Universe

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



27.0783, 0.3324, 0.2475



41.8643, 0.3381, 0.2306



40.3556, 0.3840, 0.3971



10.2151, 0.3165, 0.3104



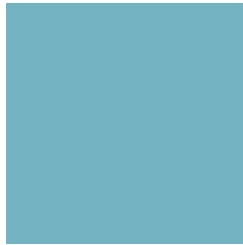
9.1920, 0.3724, 0.1825



0.4055, 0.3590, 0.1751

Previews

White Background



This preview shows how the Yxy color 39.8035, 0.2551, 0.3082 looks on a white background.

Color Contrast Check

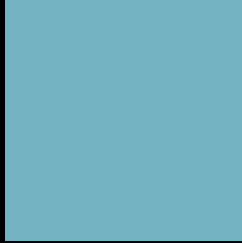
Large Text (above 18pt) WCAG AA × Fail

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 39.8035, 0.2551, 0.3082 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

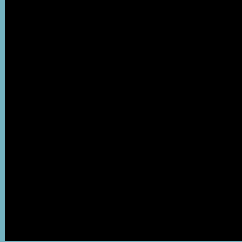
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 39.8035, 0.2551, 0.3082

Background



This preview shows how black text looks on a background with the Yxy color 39.8035, 0.2551, 0.3082.



This preview shows how white text looks on a background with the Yxy color 39.8035, 0.2551, 0.3082.

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

39.8035, 0.2551, 0.3082

Protanopia

39.3981, 0.2970, 0.3030

Deuteranopia

39.3071, 0.2933, 0.2864



Tritanopia

39.8035, 0.2551, 0.3082

Trichromacy



Original Color

39.8035, 0.2551, 0.3082

Protanomaly

39.0958, 0.2791, 0.3034

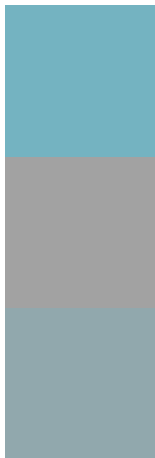
Deuteranomaly

38.9915, 0.2777, 0.2928

Tritanomaly

39.8035, 0.2551, 0.3082

Monochromacy



Original Color

39.8035, 0.2551, 0.3082

Achromatopsia

36.1307, 0.3127, 0.3290

Achromatomaly

37.0421, 0.2884, 0.3216

CSS Examples

Text

The CSS property to change the color of the text to Yxy 39.8035, 0.2551, 0.3082 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(116, 179, 193)` looks like.

```
.text, #text, p{  
    color:rgb(116, 179, 193)  
}
```

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(116, 179, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(116, 179, 193) }
```

Border

The CSS property to change the border of an element to Yxy 39.8035, 0.2551, 0.3082 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(116, 179, 193) }
```

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

```
.border{ border-color:rgb(116, 179, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(116, 179, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(116, 179, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(116, 179, 193);  
box-shadow:4px 4px 4px 4px rgb(116, 179,  
193) }
```


Background

The CSS property to change the background color of an element to Yxy 39.8035, 0.2551, 0.3082 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(116, 179, 193) }
```

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

```
.background{ background-color: rgb(116,  
179, 193) }
```

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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