

Converting Colors

Yxy(39.8346, 0.2594, 0.3143)

Have a look what the booklet for
Yxy(39.8346, 0.2594, 0.3143)
contains.

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Color

Yxy(39.8363, 0.2595, 0.3140)

Conversions

Conversions Part 1

Format	Color
Hex	77B3BD
RGB	119, 179, 189
RGB Percent	47%, 70%, 74%
CMY	0.5330, 0.2981, 0.2587
CMYK	0.37, 0.05, 0.00, 0.26
HSL	189°, 35%, 60%
HSV	189°, 37%, 74%
XYZ	32.9220, 39.8363, 54.1089
YIQ	162.2000, -38.9700, -9.6100

Conversions

Conversions Part 2

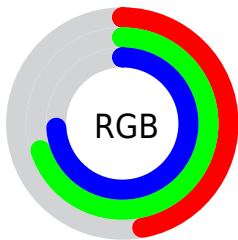
Format	Color
R _Y B	119, 151, 189
Decimal	7844797
CIE Lab	69.35, -16.76, -11.26
CIE LCh	69, 20.185, 213.893
Yxy	39.8363, 0.2595, 0.3140
Android (android.graphics.Color)	4286034877 (0xFF77B3BD)
YUV	162.2000, 13.2124, -37.8864
Hunter-Lab	63.1160, -17.3453, -6.6477

Details

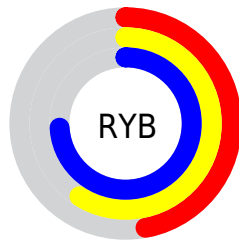
The Yxy color **39.8363, 0.2595, 0.3140** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **27.8833, 0.3963, 0.3432**, and the grayscale version is **36.1887, 0.3127, 0.3290**.

A 20% lighter version of the original color is **75.0079, 0.2695, 0.3176**, and **17.8575, 0.2440, 0.3079** is the 20% darker color. If you saturate the color by 10%, you get **37.5539, 0.2474, 0.3093**, and if you desaturate by 10%, it is **42.4092, 0.2728, 0.3185**.

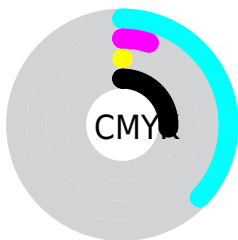
Distribution



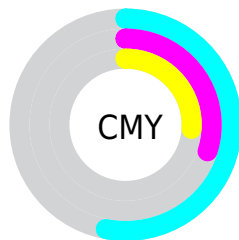
- Red (47%)
- Green (70%)
- Blue (74%)



- Red (47%)
- Yellow (59%)
- Blue (74%)



- Cyan (37%)
- Magenta (5%)
- Yellow (0%)
- Black (26%)





- Cyan (53%)
- Magenta (30%)
- Yellow (26%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 39.8363, 0.2595, 0.3140 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 39.8363, 0.2595, 0.3140 by changing the saturation by 10% instead.


 39.8363, 0.2595,
0.3140


 39.8363, 0.2595,
0.3140


345.4331, 0.2863,
0.3222


 27.4109, 0.2528,
0.3117


 74.9142, 0.2693,
0.3171

 17.8821, 0.2441,
0.3087


 98.3355, 0.2729,
0.3183

 10.8654, 0.2325,
0.3044


 126.1909, 0.2760,
0.3192

 5.9764, 0.2164,
0.2979

158.8647, 0.2787,
0.3200

 2.8307, 0.1925,
0.2873

196.7415, 0.2810,
0.3207

 1.0440, 0.1482,
0.2691

240.2056, 0.2830,

 0.0000, 0.0000,

0.3212

0.0000

289.6413, 0.2848,
0.3218

■ 39.8363, 0.2595,
0.3140

■ 39.8363, 0.2595,
0.3140

■ 37.5539, 0.2474,
0.3093

■ 42.4092, 0.2728,
0.3185

■ 35.5414, 0.2369,
0.3044

■ 45.2826, 0.2871,
0.3226

■ 33.7826, 0.2281,
0.2994

■ 48.4716, 0.3020,
0.3265

■ 32.2577, 0.2211,
0.2943

■ 51.9890, 0.3173,
0.3300

■ 30.9435, 0.2161,
0.2893

■ 55.8468, 0.3327,
0.3332

■ 29.8079, 0.2128,
0.2843

■ 60.0563, 0.3480,
0.3360

■ 29.4846, 0.2119,
0.2828

■ 64.6283, 0.3630,
0.3385

■ 66.5571, 0.3652,
0.3412

■ 67.8295, 0.3645,
0.3440

Harmonies

Analogous

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



39.8363, 0.2747, 0.3422



39.8363, 0.2595, 0.3140



39.8363, 0.2578, 0.2919

Triad

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



39.8363, 0.2595, 0.3140



39.8363, 0.3233, 0.2945



39.8363, 0.3560, 0.3788

Complementary

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



39.8363, 0.2595, 0.3140



27.8833, 0.3963, 0.3432

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.



39.8363, 0.3706, 0.3630



39.8363, 0.2595, 0.3140



39.8363, 0.3514, 0.3151

Square

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



39.8363, 0.2595, 0.3140



39.8363, 0.2935, 0.2821



39.8363, 0.3690, 0.3397



39.8363, 0.3300, 0.3812

Rectangle

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



39.8363, 0.2595, 0.3140



39.8363, 0.2644, 0.2831



39.8363, 0.3690, 0.3397



39.8363, 0.3624, 0.3747

Sweetspot

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



39.8379, 0.2595, 0.3140



84.3400, 0.2957, 0.3249



41.9001, 0.3013, 0.4244



17.9706, 0.2937, 0.3244



95.5105, 0.3127, 0.3290



19.5994, 0.3127, 0.3290

Same Dimension

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



39.8379, 0.2595, 0.3140



68.1401, 0.2501, 0.3104



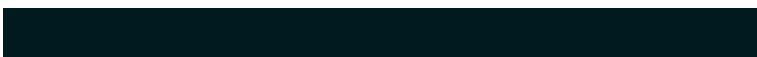
27.7678, 0.2519, 0.2601



10.5699, 0.2985, 0.3256



19.9192, 0.2121, 0.2834



0.8450, 0.2154, 0.2954

Inverse Universe

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



27.2869, 0.3277, 0.2502



42.9697, 0.3316, 0.2346



38.4822, 0.3791, 0.3891



9.6721, 0.3159, 0.3096



9.0405, 0.3603, 0.1758



0.3607, 0.3495, 0.1699

Previews

White Background



This preview shows how the Yxy color 39.8363, 0.2595, 0.3140 looks on a white background.

Color Contrast Check

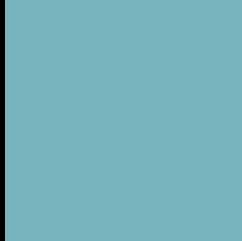
Large Text (above 18pt) WCAG AA × Fail

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 39.8363, 0.2595, 0.3140 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

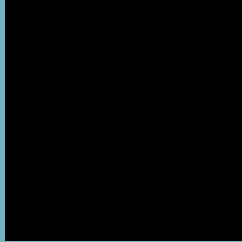
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

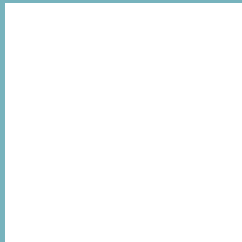
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 39.8363, 0.2595, 0.3140

Background



This preview shows how black text looks on a background with the Yxy color 39.8363, 0.2595, 0.3140.



This preview shows how white text looks on a background with the Yxy color 39.8363, 0.2595, 0.3140.

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

39.8363, 0.2595, 0.3140

Protanopia

39.7075, 0.3011, 0.3098

Deuteranopia

39.3554, 0.2982, 0.2916



Tritanopia

39.6841, 0.2574, 0.3068

Trichromacy



Original Color

39.8363, 0.2595, 0.3140

Protanomaly

39.4919, 0.2837, 0.3105

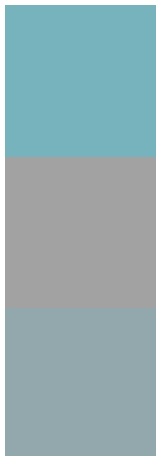
Deuteranomaly

39.0075, 0.2823, 0.2982

Tritanomaly

39.6396, 0.2580, 0.3083

Monochromacy



Original Color

39.8363, 0.2595, 0.3140

Achromatopsia

36.1307, 0.3127, 0.3290

Achromatomaly

37.0948, 0.2900, 0.3230

CSS Examples

Text

The CSS property to change the color of the text to Yxy 39.8363, 0.2595, 0.3140 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(119, 179, 189)` looks like.

```
.text, #text, p{  
    color:rgb(119, 179, 189)  
}
```

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(119, 179, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(119, 179, 189) }
```

Border

The CSS property to change the border of an element to Yxy 39.8363, 0.2595, 0.3140 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(119, 179, 189) }
```

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

```
.border{ border-color:rgb(119, 179, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(119, 179, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(119, 179, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(119, 179, 189);  
box-shadow:4px 4px 4px 4px rgb(119, 179,  
189) }
```


Background

The CSS property to change the background color of an element to Yxy 39.8363, 0.2595, 0.3140 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(119, 179, 189) }
```

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

```
.background{ background-color: rgb(119,  
179, 189) }
```

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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