

Converting Colors

$Yxy(39.3521, 0.2598, 0.3348)$

Have a look what the booklet for
Yxy(39.3521, 0.2598, 0.3348)
contains.

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Color

Yxy(39.3479, 0.2599, 0.3350)

Conversions

Conversions Part 1

Format	Color
Hex	6BB5B1
RGB	107, 181, 177
RGB Percent	42%, 71%, 69%
CMY	0.5802, 0.2902, 0.3059
CMYK	0.41, 0.00, 0.02, 0.29
HSL	177°, 33%, 56%
HSV	177°, 41%, 71%
XYZ	30.5269, 39.3479, 47.5816
YIQ	158.4180, -42.8200, -16.9320

Conversions

Conversions Part 2

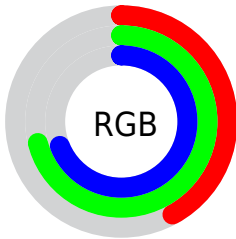
Format	Color
RYB	107, 145, 181
Decimal	7058865
CIELab	69.00, -23.98, -5.22
CIELCh	69, 24.537, 192.272
Yxy	39.3479, 0.2599, 0.3350
Android (android.graphics.Color)	4285248945 (0xFF6BB5B1)
YUV	158.4180, 9.1609, -45.0936
Hunter-Lab	62.7279, -22.9057, -1.0643

Details

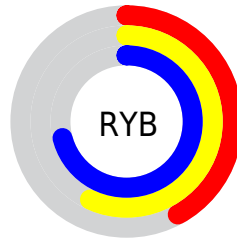
The Yxy color **39.3479, 0.2599, 0.3350** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **21.4966, 0.4092, 0.3235**, and the grayscale version is **34.3691, 0.3127, 0.3290**.

A 20% lighter version of the original color is **74.1329, 0.2695, 0.3335**, and **17.6491, 0.2440, 0.3354** is the 20% darker color. If you saturate the color by 10%, you get **38.3032, 0.2503, 0.3367**, and if you desaturate by 10%, it is **40.6309, 0.2711, 0.3334**.

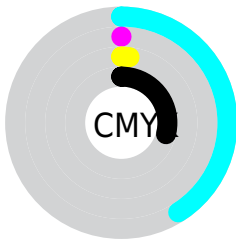
Distribution



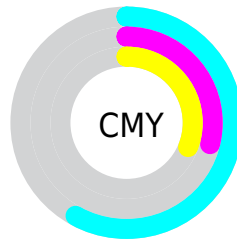
- Red (42%)
- Green (71%)
- Blue (69%)



- Red (42%)
- Yellow (57%)
- Blue (71%)



- Cyan (41%)
- Magenta (0%)
- Yellow (2%)
- Black (29%)





- Cyan (58%)
- Magenta (29%)
- Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 39.3479, 0.2599, 0.3350 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 39.3479, 0.2599, 0.3350 by changing the saturation by 10% instead.


 39.3479, 0.2599,
0.3350


 39.3479, 0.2599,
0.3350


343.3674, 0.2867,
0.3323


 27.0305, 0.2531,
0.3355


 74.1695, 0.2697,
0.3341

 17.5961, 0.2443,
0.3362


 97.4424, 0.2734,
0.3338

 10.6604, 0.2325,
0.3368


 125.1360, 0.2765,
0.3335

 5.8390, 0.2159,
0.3375

 157.6347, 0.2791,
0.3332

 2.7474, 0.1909,
0.3376

195.3227, 0.2814,
0.3329

 1.0013, 0.1249,
0.3454

238.5846, 0.2834,

 0.0000, 0.0000,

0.3327

0.0000

287.8047, 0.2851,
0.3325

■ 39.3479, 0.2599,
0.3350

■ 39.3479, 0.2599,
0.3350

■ 38.3032, 0.2503,
0.3367

■ 40.6309, 0.2711,
0.3334

■ 37.4772, 0.2425,
0.3385

■ 42.1609, 0.2836,
0.3318

■ 36.8552, 0.2366,
0.3402

■ 43.9519, 0.2971,
0.3304

■ 36.4183, 0.2325,
0.3420


■ 46.0157, 0.3115,
0.3291

■ 36.1444, 0.2302,
0.3438

■ 48.3631, 0.3263,
0.3279

 35.9952, 0.2293,
0.3454

 51.0044, 0.3414,
0.3269

 53.9495, 0.3565,
0.3259

 57.2078, 0.3714,
0.3251

 57.8432, 0.3733,
0.3241

Harmonies

Analogous

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



39.3479, 0.2877, 0.3689



39.3479, 0.2599, 0.3350



39.3479, 0.2461, 0.3016

Triad

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



39.3479, 0.2599, 0.3350



39.3479, 0.2988, 0.2754



39.3479, 0.3801, 0.3765

Complementary

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



39.3479, 0.2599, 0.3350



21.4966, 0.4092, 0.3235

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.



39.3479, 0.3843, 0.3497



39.3479, 0.2599, 0.3350



39.3479, 0.3357, 0.2934

Square

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



39.3479, 0.2599, 0.3350



39.3479, 0.2675, 0.2698



39.3479, 0.3677, 0.3199



39.3479, 0.3574, 0.3925

Rectangle

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



39.3479, 0.2599, 0.3350



39.3479, 0.2461, 0.2847



39.3479, 0.3677, 0.3199



39.3479, 0.3838, 0.3683

Sweetspot

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



39.3495, 0.2599, 0.3350



78.2616, 0.2952, 0.3306



37.5520, 0.3107, 0.4512



16.8229, 0.2935, 0.3308



91.1408, 0.3127, 0.3290



17.8868, 0.3127, 0.3290

Same Dimension

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



39.3495, 0.2599, 0.3350



68.7789, 0.2512, 0.3365



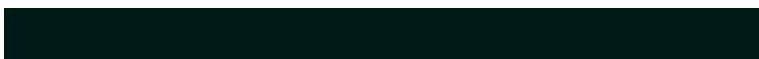
27.9440, 0.2493, 0.2770



9.6235, 0.2993, 0.3302



24.8187, 0.2292, 0.3452



0.7833, 0.2278, 0.3402

Inverse Universe

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



21.4966, 0.4092, 0.3235



32.4447, 0.4429, 0.3225



29.3773, 0.3954, 0.3752



8.5125, 0.3279, 0.3278



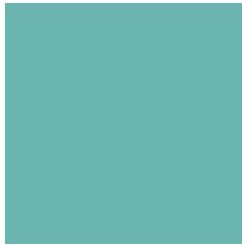
6.7904, 0.6330, 0.3261



0.2161, 0.6047, 0.3105

Previews

White Background



This preview shows how the Yxy color 39.3479, 0.2599, 0.3350 looks on a white background.

Color Contrast Check

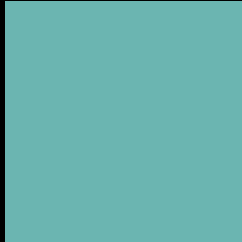
Large Text (above 18pt) WCAG AA × Fail

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 39.3479, 0.2599, 0.3350 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

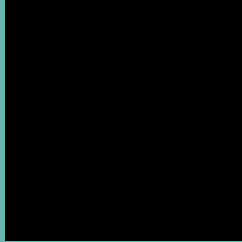
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

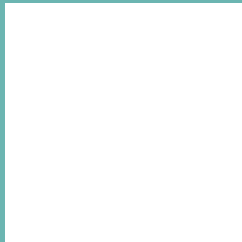
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 39.3479, 0.2599, 0.3350

Background



This preview shows how black text looks on a background with the Yxy color 39.3479, 0.2599, 0.3350.

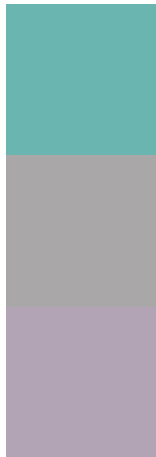


This preview shows how white text looks on a background with the Yxy color 39.3479, 0.2599, 0.3350.

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

39.3479, 0.2599, 0.3350

Protanopia

39.0481, 0.3138, 0.3262

Deuteranopia

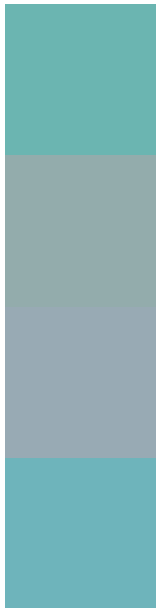
38.9956, 0.3111, 0.3048



Tritanopia

39.4700, 0.2521, 0.3080

Trichromacy



Original Color

39.3479, 0.2599, 0.3350

Protanomaly

38.6866, 0.2911, 0.3289

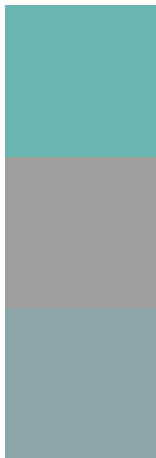
Deuteranomaly

38.7201, 0.2890, 0.3146

Tritanomaly

39.5454, 0.2553, 0.3183

Monochromacy



Original Color

39.3479, 0.2599, 0.3350

Achromatopsia

34.1914, 0.3127, 0.3290

Achromatomaly

35.4780, 0.2894, 0.3305

CSS Examples

Text

The CSS property to change the color of the text to Yxy 39.3479, 0.2599, 0.3350 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(107, 181, 177)` looks like.

```
.text, #text, p{  
    color:rgb(107, 181, 177)  
}
```

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(107, 181, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(107, 181, 177) }
```

Border

The CSS property to change the border of an element to Yxy 39.3479, 0.2599, 0.3350 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(107, 181, 177) }
```

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

```
.border{ border-color:rgb(107, 181, 177) }
```

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

Here you see how a box with a 4 pixel `rgb(107, 181, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(107, 181, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(107, 181, 177);  
box-shadow:4px 4px 4px 4px rgb(107, 181,  
177) }
```


Background

The CSS property to change the background color of an element to Yxy 39.3479, 0.2599, 0.3350 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(107, 181, 177) }
```

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

```
.background{ background-color: rgb(107,  
181, 177) }
```

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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