

Converting Colors

$Yxy(39.5124, 0.2651, 0.3199)$

Have a look what the booklet for
Yxy(39.5124, 0.2651, 0.3199)
contains.

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Color

Yxy(39.5124, 0.2651, 0.3199)

Conversions

Conversions Part 1

Format	Color
Hex	7BB2B8
RGB	123, 178, 184
RGB Percent	48%, 70%, 72%
CMY	0.5176, 0.3020, 0.2784
CMYK	0.33, 0.03, 0.00, 0.28
HSL	186°, 30%, 60%
HSV	186°, 33%, 72%
XYZ	32.7438, 39.5124, 51.2587
YIQ	162.2390, -34.7060, -9.7940

Conversions

Conversions Part 2

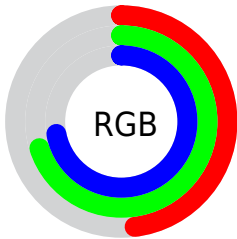
Format	Color
RYB	123, 152, 184
Decimal	8106680
CIELab	69.12, -16.39, -8.82
CIElCh	69, 18.615, 208.297
Yxy	39.5124, 0.2651, 0.3199
Android (android.graphics.Color)	4286296760 (0xFF7BB2B8)
YUV	162.2390, 10.7282, -34.4126
Hunter-Lab	62.8589, -17.0207, -4.3472

Details

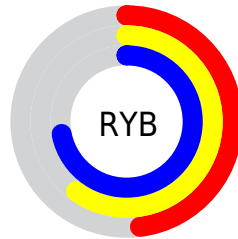
The Yxy color **39.5124, 0.2651, 0.3199** is a light color, and the websafe version is hex **669999**. A complement of this color would be **27.3346, 0.3856, 0.3378**, and the grayscale version is **36.2129, 0.3127, 0.3290**.

A 20% lighter version of the original color is **74.4840, 0.2737, 0.3221**, and **17.6455, 0.2514, 0.3162** is the 20% darker color. If you saturate the color by 10%, you get **37.5636, 0.2529, 0.3168**, and if you desaturate by 10%, it is **41.7290, 0.2785, 0.3229**.

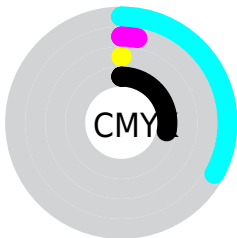
Distribution



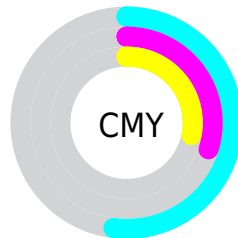
- Red (48%)
- Green (70%)
- Blue (72%)



- Red (48%)
- Yellow (60%)
- Blue (72%)



- Cyan (33%)
- Magenta (3%)
- Yellow (0%)
- Black (28%)





- Cyan (52%)
- Magenta (30%)
- Yellow (28%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 39.5124, 0.2651, 0.3199 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 39.5124, 0.2651, 0.3199 by changing the saturation by 10% instead.


 39.5124, 0.2651,
0.3199


 39.5124, 0.2651,
0.3199


344.0641, 0.2892,
0.3250


 27.1586, 0.2590,
0.3185


 74.4204, 0.2739,
0.3219

 17.6924, 0.2511,
0.3165


 97.7434, 0.2772,
0.3226

 10.7293, 0.2406,
0.3137


 125.4916, 0.2800,
0.3232

 5.8851, 0.2258,
0.3093

158.0494, 0.2824,
0.3236

 2.7754, 0.2035,
0.3020

195.8011, 0.2844,
0.3241

 1.0156, 0.1597,
0.2898

239.1312, 0.2862,

 0.0000, 0.0000,

0.3244

0.0000

288.4241, 0.2878,
0.3247

■ 39.5124, 0.2651,
0.3199

■ 39.5124, 0.2651,
0.3199

■ 37.5636, 0.2529,
0.3168

■ 41.7290, 0.2785,
0.3229

■ 35.8635, 0.2423,
0.3135

■ 44.2220, 0.2929,
0.3257

■ 34.3980, 0.2334,
0.3101

■ 47.0052, 0.3079,
0.3282

■ 33.1494, 0.2263,
0.3067

■ 50.0903, 0.3233,
0.3306

■ 32.0974, 0.2211,
0.3033

■ 53.4881, 0.3388,
0.3327

■ 31.2177, 0.2177,
0.3000

■ 57.2090, 0.3543,
0.3346

■ 30.6810, 0.2160,
0.2977

■ 61.2630, 0.3694,
0.3362

■ 62.6544, 0.3715,
0.3381

■ 63.4600, 0.3710,
0.3399

Harmonies

Analogous

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



39.5124, 0.2814, 0.3461



39.5124, 0.2651, 0.3199



39.5124, 0.2611, 0.2979

Triad

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



39.5124, 0.2651, 0.3199



39.5124, 0.3173, 0.2941



39.5124, 0.3563, 0.3732

Complementary

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



39.5124, 0.2651, 0.3199



27.3346, 0.3856, 0.3378

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.



39.5124, 0.3671, 0.3569



39.5124, 0.2651, 0.3199



39.5124, 0.3441, 0.3121

Square

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



39.5124, 0.2651, 0.3199



39.5124, 0.2903, 0.2844



39.5124, 0.3627, 0.3347



39.5124, 0.3338, 0.3778

Rectangle

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



39.5124, 0.2651, 0.3199



39.5124, 0.2657, 0.2883



39.5124, 0.3627, 0.3347



39.5124, 0.3615, 0.3688

Sweetspot

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



39.5140, 0.2651, 0.3199



81.5931, 0.2973, 0.3265



40.0629, 0.3046, 0.4176



17.4425, 0.2952, 0.3261



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.



39.5140, 0.2651, 0.3199



68.9111, 0.2558, 0.3176



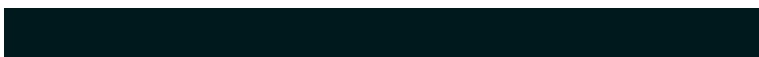
28.9908, 0.2593, 0.2735



10.0550, 0.2985, 0.3267



21.1981, 0.2162, 0.2981



0.7914, 0.2185, 0.3067

Inverse Universe

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



27.5777, 0.3229, 0.2552



44.0912, 0.3256, 0.2389



36.2833, 0.3723, 0.3786



9.1470, 0.3152, 0.3087



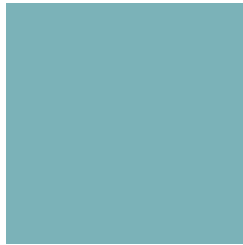
8.9223, 0.3471, 0.1686



0.3190, 0.3395, 0.1644

Previews

White Background



This preview shows how the Yxy color 39.5124, 0.2651, 0.3199 looks on a white background.

Color Contrast Check

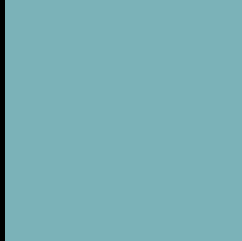
Large Text (above 18pt) WCAG AA × Fail

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 39.5124, 0.2651, 0.3199 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

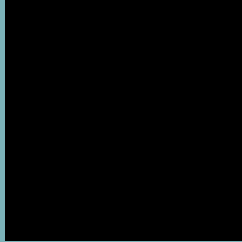
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 39.5124, 0.2651, 0.3199

Background



This preview shows how black text looks on a background with the Yxy color 39.5124, 0.2651, 0.3199.

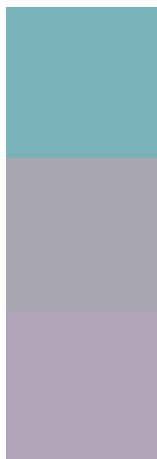


This preview shows how white text looks on a background with the Yxy color 39.5124, 0.2651, 0.3199.

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

39.5124, 0.2651, 0.3199

Protanopia

39.1366, 0.3052, 0.3151

Deuteranopia

39.3689, 0.3041, 0.2982



Tritanopia

39.5658, 0.2617, 0.3084

Trichromacy



Original Color

39.5124, 0.2651, 0.3199

Protanomaly

39.0965, 0.2890, 0.3161

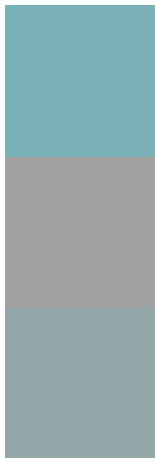
Deuteranomaly

39.0892, 0.2885, 0.3052

Tritanomaly

39.3602, 0.2630, 0.3126

Monochromacy



Original Color

39.5124, 0.2651, 0.3199

Achromatopsia

36.1307, 0.3127, 0.3290

Achromatomaly

37.2034, 0.2933, 0.3260

CSS Examples

Text

The CSS property to change the color of the text to Yxy 39.5124, 0.2651, 0.3199 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(123, 178, 184)` looks like.

```
.text, #text, p{  
    color:rgb(123, 178, 184)  
}
```

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(123, 178, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(123, 178, 184) }
```

Border

The CSS property to change the border of an element to Yxy 39.5124, 0.2651, 0.3199 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(123, 178, 184) }
```

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

```
.border{ border-color:rgb(123, 178, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(123, 178, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(123, 178, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(123, 178, 184);  
box-shadow:4px 4px 4px 4px rgb(123, 178,  
184) }
```


Background

The CSS property to change the background color of an element to Yxy 39.5124, 0.2651, 0.3199 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(123, 178, 184) }
```

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

```
.background{ background-color: rgb(123,  
178, 184) }
```

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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