

Converting Colors

$Yxy(39.2634, 0.2789, 0.3375)$

Have a look what the booklet for
Yxy(39.2634, 0.2789, 0.3375)
contains.

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Color

Yxy(39.2098, 0.2795, 0.3379)

Conversions

Conversions Part 1

Format	Color
Hex	83B1AB
RGB	131, 177, 171
RGB Percent	51%, 69%, 67%
CMY	0.4863, 0.3059, 0.3293
CMYK	0.26, 0.00, 0.03, 0.31
HSL	172°, 23%, 60%
HSV	172°, 26%, 69%
XYZ	32.4331, 39.2098, 44.3968
YIQ	162.5620, -25.4900, -11.6180

Conversions

Conversions Part 2

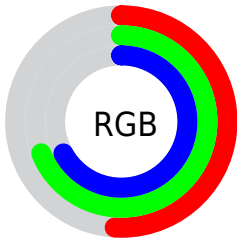
Format	Color
RYB	131, 156, 177
Decimal	8630699
CIELab	68.90, -16.56, -1.92
CIElCh	69, 16.675, 186.619
Yxy	39.2098, 0.2795, 0.3379
Android (android.graphics.Color)	4286820779 (0xFF83B1AB)
YUV	162.5620, 4.1599, -27.6799
Hunter-Lab	62.6177, -17.1263, 1.7950

Details

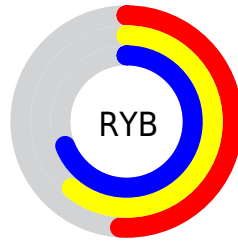
The Yxy color **39.2098, 0.2795, 0.3379** is a light color, and the websafe version is hex **669999**. A complement of this color would be **27.3831, 0.3599, 0.3204**, and the grayscale version is **36.3981, 0.3127, 0.3290**.

A 20% lighter version of the original color is **74.0831, 0.2859, 0.3369**, and **17.4527, 0.2694, 0.3396** is the 20% darker color. If you saturate the color by 10%, you get **37.8298, 0.2684, 0.3418**, and if you desaturate by 10%, it is **40.8359, 0.2917, 0.3342**.

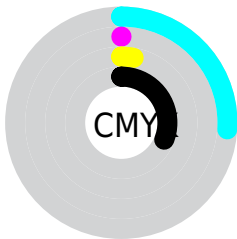
Distribution



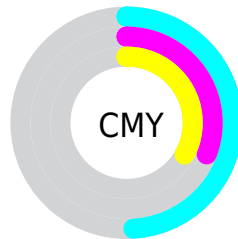
- Red (51%)
- Green (69%)
- Blue (67%)



- Red (51%)
- Yellow (61%)
- Blue (69%)



- Cyan (26%)
- Magenta (0%)
- Yellow (3%)
- Black (31%)





- Cyan (49%)
- Magenta (31%)
- Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 39.2098, 0.2795, 0.3379 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 39.2098, 0.2795, 0.3379 by changing the saturation by 10% instead.


 39.2098, 0.2795,
0.3379


 39.2098, 0.2795,
0.3379


342.7816, 0.2965,
0.3334


 26.9230, 0.2751,
0.3390


 73.9587, 0.2858,
0.3363

 17.5154, 0.2694,
0.3404


 97.1896, 0.2881,
0.3357

 10.6026, 0.2617,
0.3423


 124.8373, 0.2901,
0.3352

 5.8003, 0.2507,
0.3450

157.2862, 0.2917,
0.3347

 2.7240, 0.2337,
0.3489

194.9207, 0.2932,
0.3343

 0.9894, 0.1936,
0.3597

238.1251, 0.2944,

 0.0000, 0.0000,

0.3340

0.0000

287.2840, 0.2955,
0.3337

■ 39.2098, 0.2795,
0.3379

■ 39.2098, 0.2795,
0.3379

■ 37.8298, 0.2684,
0.3418

■ 40.8359, 0.2917,
0.3342

■ 36.6789, 0.2587,
0.3460

■ 42.7149, 0.3047,
0.3309

■ 35.7454, 0.2506,
0.3503

■ 44.8588, 0.3182,
0.3278

■ 35.0144, 0.2442,
0.3547

■ 47.2779, 0.3320,
0.3251

■ 34.4695, 0.2397,
0.3593

■ 49.9816, 0.3459,
0.3226

■ 34.0913, 0.2371,
0.3638

■ 52.9791, 0.3596,
0.3204

■ 33.8551, 0.2363,
0.3682

■ 56.2790, 0.3731,
0.3186

■ 33.7785, 0.2361,
0.3700

■ 56.3987, 0.3711,
0.3162

■ 56.4998, 0.3690,
0.3138

Harmonies

Analogous

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



39.2098, 0.3003, 0.3592



39.2098, 0.2795, 0.3379



39.2098, 0.2676, 0.3148

Triad

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



39.2098, 0.2795, 0.3379



39.2098, 0.2990, 0.2902



39.2098, 0.3602, 0.3591

Complementary

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



39.2098, 0.2795, 0.3379



27.3831, 0.3599, 0.3204

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.



39.2098, 0.3600, 0.3401



39.2098, 0.2795, 0.3379



39.2098, 0.3239, 0.3014

Square

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



39.2098, 0.2795, 0.3379



39.2098, 0.2785, 0.2884



39.2098, 0.3466, 0.3193



39.2098, 0.3471, 0.3711

Rectangle

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



39.2098, 0.2795, 0.3379



39.2098, 0.2660, 0.3020



39.2098, 0.3466, 0.3193



39.2098, 0.3617, 0.3533

Sweetspot

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



39.2114, 0.2795, 0.3379



75.7376, 0.3018, 0.3316



38.4132, 0.3146, 0.4007



16.3025, 0.2999, 0.3321



89.0005, 0.3127, 0.3290



17.0645, 0.3127, 0.3290

Same Dimension

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



39.2114, 0.2795, 0.3379



68.8014, 0.2732, 0.3400



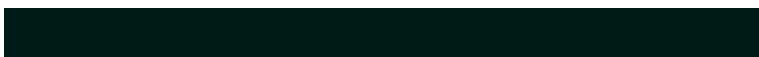
33.1865, 0.2729, 0.3031



9.6122, 0.3003, 0.3320



24.4789, 0.2360, 0.3695



0.7755, 0.2325, 0.3570

Inverse Universe

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



27.3831, 0.3599, 0.3204



44.1279, 0.3738, 0.3185



32.1226, 0.3610, 0.3535



8.5227, 0.3267, 0.3261



6.8224, 0.6209, 0.3194



0.2204, 0.5627, 0.2873

Previews

White Background



This preview shows how the Yxy color 39.2098, 0.2795, 0.3379 looks on a white background.

Color Contrast Check

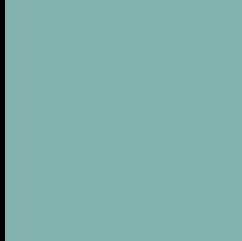
Large Text (above 18pt) WCAG AA × Fail

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 39.2098, 0.2795, 0.3379 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

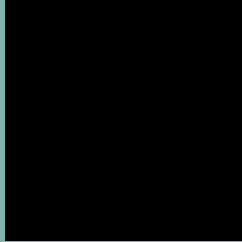
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

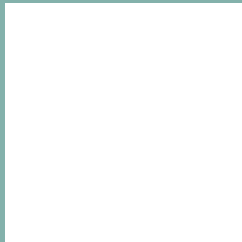
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 39.2098, 0.2795, 0.3379

Background



This preview shows how black text looks on a background with the Yxy color 39.2098, 0.2795, 0.3379.

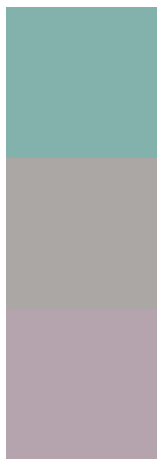


This preview shows how white text looks on a background with the Yxy color 39.2098, 0.2795, 0.3379.

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

39.2098, 0.2795, 0.3379

Protanopia

39.0120, 0.3181, 0.3318

Deuteranopia

39.0741, 0.3200, 0.3142



Tritanopia

39.0538, 0.2702, 0.3086

Trichromacy



Original Color

39.2098, 0.2795, 0.3379

Protanomaly

38.9838, 0.3027, 0.3347

Deuteranomaly

38.8089, 0.3040, 0.3219

Tritanomaly

39.1057, 0.2738, 0.3186

Monochromacy



Original Color

39.2098, 0.2795, 0.3379

Achromatopsia

36.6253, 0.3127, 0.3290

Achromatomaly

37.3377, 0.2991, 0.3319

CSS Examples

Text

The CSS property to change the color of the text to Yxy 39.2098, 0.2795, 0.3379 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(131, 177, 171)` looks like.

```
.text, #text, p{  
    color:rgb(131, 177, 171)  
}
```

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(131, 177, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(131, 177, 171) }
```

Border

The CSS property to change the border of an element to Yxy 39.2098, 0.2795, 0.3379 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(131, 177, 171) }
```

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

```
.border{ border-color:rgb(131, 177, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(131, 177, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(131, 177, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(131, 177, 171);  
box-shadow:4px 4px 4px 4px rgb(131, 177,  
171) }
```


Background

The CSS property to change the background color of an element to Yxy 39.2098, 0.2795, 0.3379 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(131, 177, 171) }
```

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

```
.background{ background-color: rgb(131,  
177, 171) }
```

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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