

Converting Colors

$Yxy(39.2445, 0.2781, 0.3401)$

Have a look what the booklet for
Yxy(39.2445, 0.2781, 0.3401)
contains.

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Color

Yxy(39.3323, 0.2781, 0.3410)

Conversions

Conversions Part 1

Format	Color
Hex	80B2AA
RGB	128, 178, 170
RGB Percent	50%, 70%, 67%
CMY	0.4981, 0.3019, 0.3333
CMYK	0.28, 0.00, 0.04, 0.30
HSL	170°, 25%, 60%
HSV	170°, 28%, 70%
XYZ	32.0772, 39.3323, 43.9345
YIQ	162.1380, -27.2320, -13.0880

Conversions

Conversions Part 2

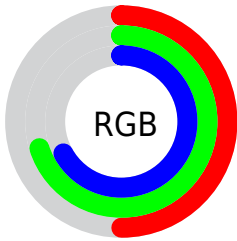
Format	Color
RYB	128, 155, 178
Decimal	8434346
CIELab	68.99, -18.23, -1.25
CIElCh	69, 18.270, 183.934
Yxy	39.3323, 0.2781, 0.3410
Android (android.graphics.Color)	4286624426 (0xFF80B2AA)
YUV	162.1380, 3.8760, -29.9390
Hunter-Lab	62.7155, -18.4544, 2.3660

Details

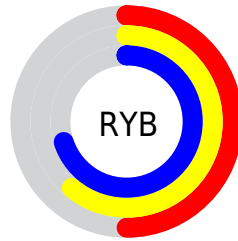
The Yxy color **39.3323, 0.2781, 0.3410** is a light color, and the websafe version is hex **669999**. A complement of this color would be **26.6782, 0.3632, 0.3175**, and the grayscale version is **36.1902, 0.3127, 0.3290**.

A 20% lighter version of the original color is **74.2270, 0.2847, 0.3392**, and **17.5530, 0.2678, 0.3440** is the 20% darker color. If you saturate the color by 10%, you get **37.9661, 0.2676, 0.3459**, and if you desaturate by 10%, it is **40.9462, 0.2897, 0.3364**.

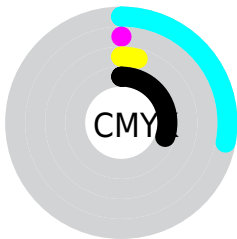
Distribution



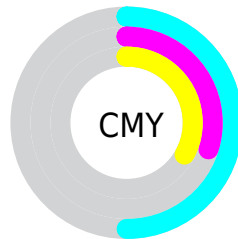
- Red (50%)
- Green (70%)
- Blue (67%)



- Red (50%)
- Yellow (61%)
- Blue (70%)



- Cyan (28%)
- Magenta (0%)
- Yellow (4%)
- Black (30%)





- Cyan (50%)
- Magenta (30%)
- Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 39.3323, 0.2781, 0.3410 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 39.3323, 0.2781, 0.3410 by changing the saturation by 10% instead.


 39.3323, 0.2781,
0.3410


 39.3323, 0.2781,
0.3410


343.3012, 0.2958,
0.3349


 27.0183, 0.2735,
0.3425


 74.1457, 0.2846,
0.3388

 17.5870, 0.2676,
0.3445


 97.4139, 0.2871,
0.3379

 10.6539, 0.2596,
0.3472


 125.1023, 0.2891,
0.3372

 5.8346, 0.2481,
0.3510

157.5953, 0.2908,
0.3367

 2.7448, 0.2303,
0.3566

195.2773, 0.2923,
0.3361

 1.0000, 0.1865,
0.3721

238.5327, 0.2936,

 0.0000, 0.0000,

0.3357

0.0000

287.7459, 0.2948,
0.3353

■ 39.3323, 0.2781,
0.3410

■ 39.3323, 0.2781,
0.3410

■ 37.9661, 0.2676,
0.3459

■ 40.9462, 0.2897,
0.3364

■ 36.8301, 0.2584,
0.3511

■ 42.8147, 0.3022,
0.3322

■ 35.9120, 0.2509,
0.3566

■ 44.9504, 0.3152,
0.3283

■ 35.1967, 0.2451,
0.3622

■ 47.3636, 0.3285,
0.3248

■ 34.6668, 0.2413,
0.3678

■ 50.0642, 0.3419,
0.3217

■ 34.3020, 0.2393,
0.3735

■ 53.0614, 0.3552,
0.3190

■ 34.0695, 0.2389,
0.3791

■ 56.3640, 0.3683,
0.3166

■ 34.0303, 0.2389,
0.3801

■ 56.9434, 0.3678,
0.3137

■ 57.0715, 0.3653,
0.3108

Harmonies

Analogous

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



39.3323, 0.3015, 0.3639



39.3323, 0.2781, 0.3410



39.3323, 0.2642, 0.3155

Triad

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



39.3323, 0.2781, 0.3410



39.3323, 0.2953, 0.2861



39.3323, 0.3653, 0.3601

Complementary

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



39.3323, 0.2781, 0.3410



26.6782, 0.3632, 0.3175

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.



39.3323, 0.3638, 0.3389



39.3323, 0.2781, 0.3410



39.3323, 0.3225, 0.2975

Square

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



39.3323, 0.2781, 0.3410



39.3323, 0.2737, 0.2851



39.3323, 0.3479, 0.3164



39.3323, 0.3521, 0.3743

Rectangle

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



39.3323, 0.2781, 0.3410



39.3323, 0.2617, 0.3011



39.3323, 0.3479, 0.3164



39.3323, 0.3665, 0.3536

Sweetspot

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



39.3339, 0.2781, 0.3410



77.6220, 0.3022, 0.3322



38.6627, 0.3161, 0.4070



17.0781, 0.3002, 0.3328



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.



39.3339, 0.2781, 0.3410



69.6659, 0.2711, 0.3442



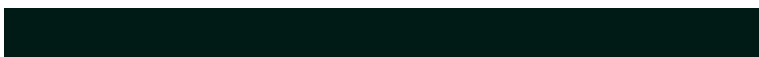
33.4093, 0.2700, 0.3033



9.6077, 0.3006, 0.3327



24.3551, 0.2388, 0.3795



0.7726, 0.2344, 0.3638

Inverse Universe

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



26.6782, 0.3632, 0.3175



42.7415, 0.3797, 0.3147



31.1712, 0.3664, 0.3533



8.5267, 0.3263, 0.3254



6.8402, 0.6145, 0.3159



0.2220, 0.5482, 0.2794

Previews

White Background



This preview shows how the Yxy color 39.3323, 0.2781, 0.3410 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 39.3323, 0.2781, 0.3410 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

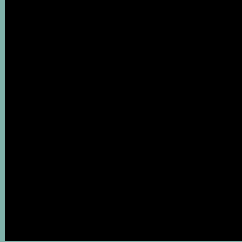
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

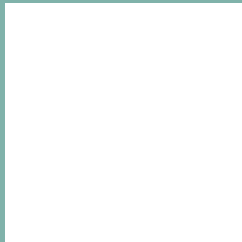
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 39.3323, 0.2781, 0.3410

Background



This preview shows how black text looks on a background with the Yxy color 39.3323, 0.2781, 0.3410.

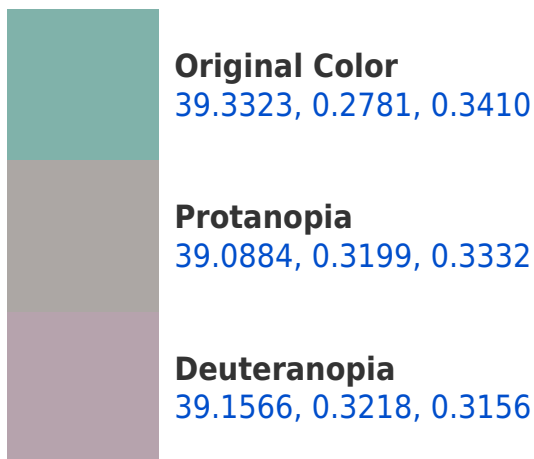


This preview shows how white text looks on a background with the Yxy color 39.3323, 0.2781, 0.3410.

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





Tritanopia

39.2396, 0.2675, 0.3085

Trichromacy



Original Color

39.3323, 0.2781, 0.3410

Protanomaly

38.9469, 0.3035, 0.3362

Deuteranomaly

38.6652, 0.3039, 0.3233

Tritanomaly

39.2534, 0.2717, 0.3200

Monochromacy



Original Color

39.3323, 0.2781, 0.3410

Achromatopsia

36.1307, 0.3127, 0.3290

Achromatomaly

37.2059, 0.2990, 0.3334

CSS Examples

Text

The CSS property to change the color of the text to Yxy 39.3323, 0.2781, 0.3410 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(128, 178, 170)` looks like.

```
.text, #text, p{  
    color:rgb(128, 178, 170)  
}
```

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(128, 178, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(128, 178, 170) }
```

Border

The CSS property to change the border of an element to Yxy 39.3323, 0.2781, 0.3410 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(128, 178, 170) }
```

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

```
.border{ border-color:rgb(128, 178, 170) }
```

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

Here you see how a box with a 4 pixel `rgb(128, 178, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(128, 178, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(128, 178, 170);  
box-shadow:4px 4px 4px 4px rgb(128, 178,  
170) }
```


Background

The CSS property to change the background color of an element to Yxy 39.3323, 0.2781, 0.3410 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(128, 178, 170) }
```

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

```
.background{ background-color: rgb(128,  
178, 170) }
```

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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