

Converting Colors

$Yxy(39.3395, 0.2808, 0.3483)$

Have a look what the booklet for
Yxy(39.3395, 0.2808, 0.3483)
contains.

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Color

Yxy(39.5826, 0.2810, 0.3487)

Conversions

Conversions Part 1

Format	Color
Hex	80B3A6
RGB	128, 179, 166
RGB Percent	50%, 70%, 65%
CMY	0.4983, 0.2980, 0.3490
CMYK	0.29, 0.00, 0.07, 0.30
HSL	165°, 25%, 60%
HSV	165°, 29%, 70%
XYZ	31.8977, 39.5826, 42.0345
YIQ	162.2690, -26.2230, -14.8550

Conversions

Conversions Part 2

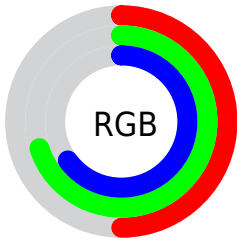
Format	Color
RYB	128, 157, 179
Decimal	8434598
CIELab	69.17, -19.65, 1.22
CIElCh	69, 19.691, 176.451
Yxy	39.5826, 0.2810, 0.3487
Android (android.graphics.Color)	4286624678 (0xFF80B3A6)
YUV	162.2690, 1.8394, -30.0539
Hunter-Lab	62.9147, -19.6015, 4.4275

Details

The Yxy color **39.5826, 0.2810, 0.3487** is a light color, and the websafe version is hex **669999**. A complement of this color would be **26.9290, 0.3585, 0.3103**, and the grayscale version is **36.2591, 0.3127, 0.3290**.

A 20% lighter version of the original color is **74.5822, 0.2871, 0.3450**, and **17.7144, 0.2717, 0.3550** is the 20% darker color. If you saturate the color by 10%, you get **38.1527, 0.2715, 0.3568**, and if you desaturate by 10%, it is **41.2665, 0.2915, 0.3412**.

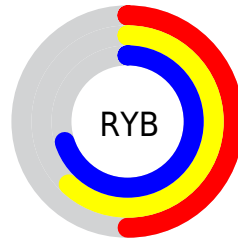
Distribution



Red (50%)

Green (70%)

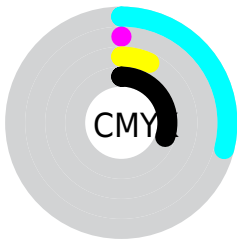
Blue (65%)



Red (50%)

Yellow (62%)

Blue (70%)

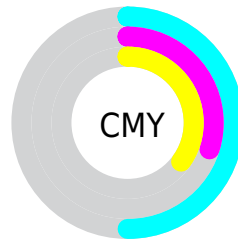


Cyan (29%)

Magenta (0%)

Yellow (7%)

Black (30%)



Cyan (50%)


Magenta (30%)

Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 39.5826, 0.2810, 0.3487 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 39.5826, 0.2810, 0.3487 by changing the saturation by 10% instead.

 39.5826, 0.2810,
0.3487


 39.5826, 0.2810,
0.3487

344.3611, 0.2973,
0.3385

 27.2133, 0.2768,
0.3513


 74.5275, 0.2870,
0.3449

 17.7334, 0.2713,
0.3548


 97.8718, 0.2893,
0.3435

 10.7588, 0.2638,
0.3595


 125.6433, 0.2911,
0.3424

 5.9049, 0.2531,
0.3664

158.2262, 0.2927,
0.3414

 2.7873, 0.2364,
0.3772

196.0051, 0.2941,
0.3405

 1.0217, 0.1919,
0.4041

239.3643, 0.2953,

 0.0000, 0.0000,

0.3398

0.0000

288.6882, 0.2964,
0.3391

■ 39.5826, 0.2810,
0.3487

■ 39.5826, 0.2810,
0.3487

■ 38.1527, 0.2715,
0.3568

■ 41.2665, 0.2915,
0.3412

■ 36.9591, 0.2632,
0.3654

■ 43.2116, 0.3028,
0.3344

■ 35.9891, 0.2565,
0.3744

■ 45.4307, 0.3144,
0.3281

■ 35.2274, 0.2516,
0.3836

■ 47.9344, 0.3263,
0.3225

■ 34.6560, 0.2485,
0.3931

■ 50.7326, 0.3383,
0.3176

■ 34.2543, 0.2474,
0.4025

■ 53.8348, 0.3500,
0.3132

■ 33.9868, 0.2480,
0.4119

■ 57.2501, 0.3615,
0.3093

■ 33.9513, 0.2481,
0.4133

■ 57.7946, 0.3590,
0.3048

■ 58.0146, 0.3551,
0.3001

Harmonies

Analogous

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



39.5826, 0.3077, 0.3713



39.5826, 0.2810, 0.3487



39.5826, 0.2632, 0.3209

Triad

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



39.5826, 0.2810, 0.3487



39.5826, 0.2874, 0.2817



39.5826, 0.3705, 0.3571

Complementary

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



39.5826, 0.2810, 0.3487



26.9290, 0.3585, 0.3103

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.



39.5826, 0.3648, 0.3334



39.5826, 0.2810, 0.3487



39.5826, 0.3157, 0.2913

Square

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



39.5826, 0.2810, 0.3487



39.5826, 0.2667, 0.2834



39.5826, 0.3444, 0.3098



39.5826, 0.3599, 0.3749

Rectangle

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



39.5826, 0.2810, 0.3487



39.5826, 0.2583, 0.3042



39.5826, 0.3444, 0.3098



39.5826, 0.3704, 0.3495

Sweetspot

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



39.5842, 0.2810, 0.3487



77.1458, 0.3021, 0.3348



39.5154, 0.3206, 0.4074



16.9747, 0.3004, 0.3357



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.



39.5842, 0.2810, 0.3487



69.2792, 0.2751, 0.3535



35.5128, 0.2701, 0.3108



9.5938, 0.3019, 0.3349



23.9976, 0.2478, 0.4122



0.7639, 0.2406, 0.3861

Inverse Universe

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



26.9290, 0.3585, 0.3103



43.0239, 0.3720, 0.3062



29.8563, 0.3695, 0.3464



8.5396, 0.3248, 0.3232



6.9187, 0.5880, 0.3013



0.2273, 0.5084, 0.2574

Previews

White Background



This preview shows how the Yxy color 39.5826, 0.2810, 0.3487 looks on a white background.

Color Contrast Check

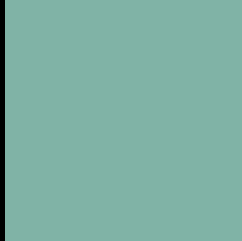
Large Text (above 18pt) WCAG AA × Fail

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 39.5826, 0.2810, 0.3487 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

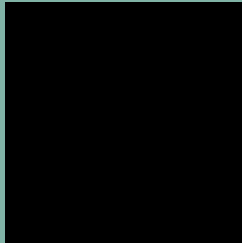
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 39.5826, 0.2810, 0.3487

Background



This preview shows how black text looks on a background with the Yxy color 39.5826, 0.2810, 0.3487.



This preview shows how white text looks on a background with the Yxy color 39.5826, 0.2810, 0.3487.

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

39.5826, 0.2810, 0.3487

Protanopia

39.4276, 0.3243, 0.3402

Deuteranopia

39.2493, 0.3273, 0.3210



Tritanopia

39.7549, 0.2678, 0.3086

Trichromacy



Original Color

39.5826, 0.2810, 0.3487

Protanomaly

39.2818, 0.3076, 0.3435

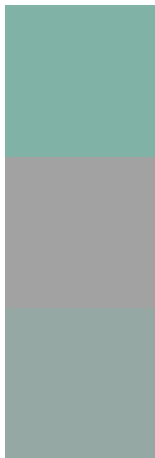
Deuteranomaly

39.0956, 0.3090, 0.3304

Tritanomaly

39.6058, 0.2726, 0.3230

Monochromacy



Original Color

39.5826, 0.2810, 0.3487

Achromatopsia

36.1307, 0.3127, 0.3290

Achromatomaly

37.1336, 0.3007, 0.3364

CSS Examples

Text

The CSS property to change the color of the text to Yxy 39.5826, 0.2810, 0.3487 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, 179, 166)` looks like.

```
.text, #text, p{  
    color:rgb(128, 179, 166)  
}
```

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, 179, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(128, 179, 166) }
```

Border

The CSS property to change the border of an element to Yxy 39.5826, 0.2810, 0.3487 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, 179, 166) }
```

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

```
.border{ border-color:rgb(128, 179, 166) }
```

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

Here you see how a box with a 4 pixel `rgb(128, 179, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(128, 179, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(128, 179, 166);  
box-shadow:4px 4px 4px 4px rgb(128, 179,  
166) }
```


Background

The CSS property to change the background color of an element to Yxy 39.5826, 0.2810, 0.3487 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(128, 179, 166) }
```

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

```
.background{ background-color: rgb(128,  
179, 166) }
```

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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