

Converting Colors

$Y_{xy}(40.2413, 0.2811, 0.3581)$

Have a look what the booklet for
Yxy(40.2413, 0.2811, 0.3581)
contains.

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Color

Yxy(40.3853, 0.2806, 0.3580)

Conversions

Conversions Part 1

Format	Color
Hex	7CB6A3
RGB	124, 182, 163
RGB Percent	49%, 71%, 64%
CMY	0.5136, 0.2863, 0.3608
CMYK	0.32, 0.00, 0.10, 0.29
HSL	160°, 28%, 60%
HSV	160°, 32%, 71%
XYZ	31.6540, 40.3853, 40.7688
YIQ	162.4920, -28.4690, -18.2050

Conversions

Conversions Part 2

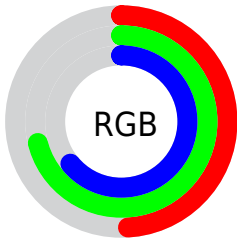
Format	Color
RYB	124, 159, 182
Decimal	8173219
CIELab	69.74, -23.01, 3.68
CIElCh	70, 23.298, 170.909
Yxy	40.3853, 0.2806, 0.3580
Android (android.graphics.Color)	4286363299 (0xFF7CB6A3)
YUV	162.4920, 0.2504, -33.7575
Hunter-Lab	63.5494, -22.3007, 6.4483

Details

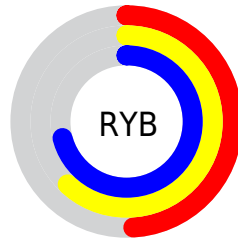
The Yxy color **40.3853, 0.2806, 0.3580** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **26.3554, 0.3606, 0.3020**, and the grayscale version is **36.3871, 0.3127, 0.3290**.

A 20% lighter version of the original color is **75.6760, 0.2865, 0.3521**, and **18.2259, 0.2707, 0.3684** is the 20% darker color. If you saturate the color by 10%, you get **38.9443, 0.2722, 0.3688**, and if you desaturate by 10%, it is **42.0900, 0.2900, 0.3480**.

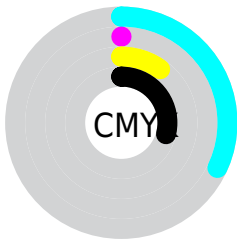
Distribution



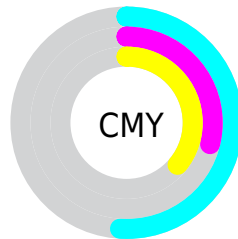
- Red (49%)
- Green (71%)
- Blue (64%)



- Red (49%)
- Yellow (62%)
- Blue (71%)



- Cyan (32%)
- Magenta (0%)
- Yellow (10%)
- Black (29%)





- Cyan (51%)
- Magenta (29%)
- Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 40.3853, 0.2806, 0.3580 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 40.3853, 0.2806, 0.3580 by changing the saturation by 10% instead.

 40.3853, 0.2806,
0.3580


 40.3853, 0.2806,
0.3580

347.7449, 0.2971,
0.3429


 27.8391, 0.2763,
0.3620


 75.7499, 0.2867,
0.3524

 18.2044, 0.2707,
0.3672


 99.3370, 0.2890,
0.3503

 11.0968, 0.2631,
0.3744


 127.3733, 0.2909,
0.3486

 6.1320, 0.2521,
0.3848

160.2430, 0.2925,
0.3471

 2.9255, 0.2350,
0.4016

198.3307, 0.2939,
0.3458

 1.0930, 0.1874,
0.4418

242.0206, 0.2951,

 0.0000, 0.0000,

0.3447

0.0000

291.6972, 0.2962,
0.3438

■ 40.3853, 0.2806,
0.3580

■ 40.3853, 0.2806,
0.3580

■ 38.9443, 0.2722,
0.3688

■ 42.0900, 0.2900,
0.3480

■ 37.7480, 0.2651,
0.3803

■ 44.0664, 0.3002,
0.3388

■ 36.7830, 0.2595,
0.3924

■ 46.3279, 0.3107,
0.3304

■ 36.0321, 0.2558,
0.4047


■ 48.8860, 0.3215,
0.3230


■ 35.4761, 0.2540,
0.4173

■ 51.7512, 0.3323,
0.3163


 35.0917, 0.2542,
0.4297

 54.9338, 0.3430,
0.3104

 34.8673, 0.2555,
0.4397

 58.4432, 0.3534,
0.3053

 59.4057, 0.3514,
0.2995

 59.7103, 0.3463,
0.2935

Harmonies

Analogous

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



40.3853, 0.3129, 0.3827



40.3853, 0.2806, 0.3580



40.3853, 0.2576, 0.3252

Triad

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



40.3853, 0.2806, 0.3580



40.3853, 0.2776, 0.2732



40.3853, 0.3809, 0.3566

Complementary

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



40.3853, 0.2806, 0.3580



26.3554, 0.3606, 0.3020

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.



40.3853, 0.3708, 0.3285



40.3853, 0.2806, 0.3580



40.3853, 0.3095, 0.2822

Square

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



40.3853, 0.2806, 0.3580



40.3853, 0.2560, 0.2776



40.3853, 0.3440, 0.3020



40.3853, 0.3716, 0.3796

Rectangle

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



40.3853, 0.2806, 0.3580



40.3853, 0.2501, 0.3046



40.3853, 0.3440, 0.3020



40.3853, 0.3797, 0.3474

Sweetspot

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



40.3869, 0.2806, 0.3580



80.5444, 0.3019, 0.3373



40.7831, 0.3247, 0.4169



17.6694, 0.3004, 0.3385



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.



40.3869, 0.2806, 0.3580



71.3950, 0.2747, 0.3653



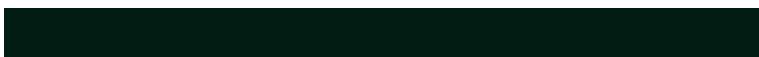
37.2995, 0.2661, 0.3143



10.1592, 0.3028, 0.3366



24.6362, 0.2551, 0.4383



0.8794, 0.2463, 0.4066

Inverse Universe

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



26.3554, 0.3606, 0.3020



42.0664, 0.3752, 0.2961



28.3687, 0.3799, 0.3431



9.0595, 0.3238, 0.3215



7.2624, 0.5627, 0.2874



0.2677, 0.4885, 0.2465

Previews

White Background



This preview shows how the Yxy color 40.3853, 0.2806, 0.3580 looks on a white background.

Color Contrast Check

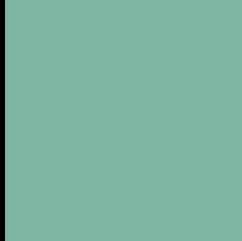
Large Text (above 18pt) WCAG AA × Fail

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 40.3853, 0.2806, 0.3580 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

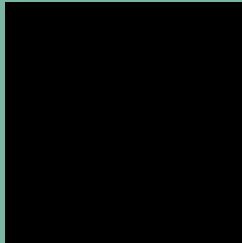
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 40.3853, 0.2806, 0.3580

Background



This preview shows how black text looks on a background with the Yxy color 40.3853, 0.2806, 0.3580.



This preview shows how white text looks on a background with the Yxy color 40.3853, 0.2806, 0.3580.

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

40.3853, 0.2806, 0.3580

Protanopia

40.0063, 0.3305, 0.3471

Deuteranopia

39.9057, 0.3319, 0.3251



Tritanopia

40.3924, 0.2647, 0.3086

Trichromacy



Original Color

40.3853, 0.2806, 0.3580

Protanomaly

39.9434, 0.3099, 0.3507

Deuteranomaly

39.7715, 0.3106, 0.3361

Tritanomaly

40.1656, 0.2707, 0.3259

Monochromacy



Original Color

40.3853, 0.2806, 0.3580

Achromatopsia

36.6253, 0.3127, 0.3290

Achromatomaly

37.7834, 0.2998, 0.3393

CSS Examples

Text

The CSS property to change the color of the text to Yxy 40.3853, 0.2806, 0.3580 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(124, 182, 163)` looks like.

```
.text, #text, p{  
    color:rgb(124, 182, 163)  
}
```

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(124, 182, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 182, 163) }
```

Border

The CSS property to change the border of an element to Yxy 40.3853, 0.2806, 0.3580 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(124, 182, 163) }
```

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

```
.border{ border-color:rgb(124, 182, 163) }
```

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

Here you see how a box with a 4 pixel rgb(124, 182, 163) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(124, 182, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(124, 182, 163);  
box-shadow:4px 4px 4px 4px rgb(124, 182,  
163) }
```


Background

The CSS property to change the background color of an element to Yxy 40.3853, 0.2806, 0.3580 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(124, 182, 163) }
```

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

```
.background{ background-color: rgb(124,  
182, 163) }
```

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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