

Converting Colors

$Y_{xy}(39.4295, 0.2737, 0.3367)$

Have a look what the booklet for
Yxy(39.4295, 0.2737, 0.3367)
contains.

Yxy(39.6173, 0.2740, 0.3380)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(39.6173, 0.2740, 0.3380)

Conversions

Conversions Part 1

Format	Color
Hex	7DB3AD
RGB	125, 179, 173
RGB Percent	49%, 70%, 68%
CMY	0.5099, 0.2980, 0.3217
CMYK	0.30, 0.00, 0.03, 0.30
HSL	173°, 26%, 60%
HSV	173°, 30%, 70%
XYZ	32.1158, 39.6173, 45.4778
YIQ	162.1700, -30.2580, -13.3140

Conversions

Conversions Part 2

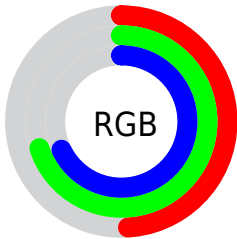
Format	Color
RYB	125, 154, 179
Decimal	8237997
CIELab	69.20, -18.97, -2.61
CIELCh	69, 19.149, 187.837
Yxy	39.6173, 0.2740, 0.3380
Android (android.graphics.Color)	4286428077 (0xFF7DB3AD)
YUV	162.1700, 5.3392, -32.5981
Hunter-Lab	62.9423, -19.0708, 1.2206

Details

The Yxy color **39.6173, 0.2740, 0.3380** is a light color, and the websafe version is hex **669999**. A complement of this color would be **25.8851, 0.3716, 0.3204**, and the grayscale version is **36.1981, 0.3127, 0.3290**.

A 20% lighter version of the original color is **74.6018, 0.2814, 0.3369**, and **17.7187, 0.2618, 0.3396** is the 20% darker color. If you saturate the color by 10%, you get **38.3144, 0.2633, 0.3414**, and if you desaturate by 10%, it is **41.1673, 0.2860, 0.3348**.

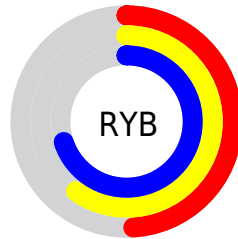
Distribution



Red (49%)

Green (70%)

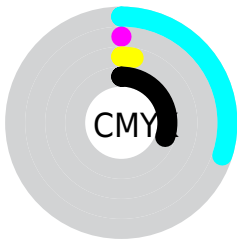
Blue (68%)



Red (49%)

Yellow (60%)

Blue (70%)

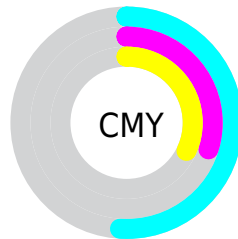


Cyan (30%)

Magenta (0%)

Yellow (3%)

Black (30%)



Cyan (51%)


Magenta (30%)

Yellow (32%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 39.6173, 0.2740, 0.3380 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 39.6173, 0.2740, 0.3380 by changing the saturation by 10% instead.


 39.6173, 0.2740,
0.3380


 39.6173, 0.2740,
0.3380

344.5079, 0.2937,
0.3336

 27.2403, 0.2689,
0.3391


 74.5804, 0.2813,
0.3364

 17.7538, 0.2624,
0.3405


 97.9353, 0.2840,
0.3358

 10.7733, 0.2535,
0.3423


 125.7182, 0.2862,
0.3353

 5.9146, 0.2409,
0.3447

158.3136, 0.2882,
0.3348

 2.7932, 0.2217,
0.3482

196.1059, 0.2899,
0.3345

 1.0248, 0.1765,
0.3585

239.4795, 0.2913,

 0.0000, 0.0000,

0.3341

0.0000

288.8187, 0.2926,
0.3338

■ 39.6173, 0.2740,
0.3380

■ 39.6173, 0.2740,
0.3380

■ 38.3144, 0.2633,
0.3414

■ 41.1673, 0.2860,
0.3348

■ 37.2408, 0.2540,
0.3450

■ 42.9718, 0.2989,
0.3318

■ 36.3838, 0.2465,
0.3488

■ 45.0436, 0.3125,
0.3290


■ 35.7275, 0.2408,
0.3526

■ 47.3932, 0.3265,
0.3266

■ 35.2539, 0.2370,
0.3564


■ 50.0308, 0.3406,
0.3244

 34.9417, 0.2350,
0.3602

 52.9658, 0.3548,
0.3224

 34.7486, 0.2344,
0.3640

 56.2073, 0.3687,
0.3207

 57.1770, 0.3710,
0.3188

 57.2644, 0.3692,
0.3167

Harmonies

Analogous

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



39.6173, 0.2974, 0.3629



39.6173, 0.2740, 0.3380



39.6173, 0.2611, 0.3116

Triad

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



39.6173, 0.2740, 0.3380



39.6173, 0.2980, 0.2853



39.6173, 0.3667, 0.3639

Complementary

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



39.6173, 0.2740, 0.3380



25.8851, 0.3716, 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.



39.6173, 0.3673, 0.3424



39.6173, 0.2740, 0.3380



39.6173, 0.3266, 0.2983

Square

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



39.6173, 0.2740, 0.3380



39.6173, 0.2744, 0.2826



39.6173, 0.3524, 0.3187



39.6173, 0.3511, 0.3774

Rectangle

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



39.6173, 0.2740, 0.3380



39.6173, 0.2597, 0.2973



39.6173, 0.3524, 0.3187



39.6173, 0.3687, 0.3573

Sweetspot

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



39.6189, 0.2740, 0.3380



77.3121, 0.3002, 0.3315



38.5722, 0.3139, 0.4143



17.0172, 0.2983, 0.3319



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.



39.6189, 0.2740, 0.3380



69.3980, 0.2670, 0.3402



32.1686, 0.2664, 0.2968



9.6149, 0.3000, 0.3315



24.5578, 0.2343, 0.3635



0.7773, 0.2314, 0.3529

Inverse Universe

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



25.8851, 0.3716, 0.3204



40.9680, 0.3897, 0.3185



31.5272, 0.3704, 0.3590



8.5202, 0.3270, 0.3265



6.8130, 0.6244, 0.3213



0.2193, 0.5721, 0.2925

Previews

White Background



This preview shows how the Yxy color 39.6173, 0.2740, 0.3380 looks on a white background.

Color Contrast Check

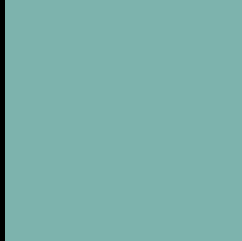
Large Text (above 18pt) WCAG AA × Fail

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 39.6173, 0.2740, 0.3380 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

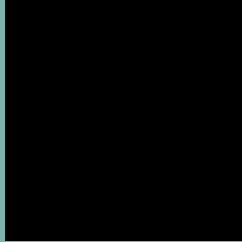
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

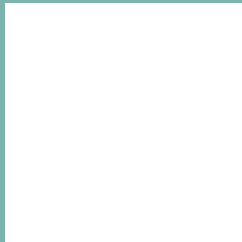
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 39.6173, 0.2740, 0.3380

Background



This preview shows how black text looks on a background with the Yxy color 39.6173, 0.2740, 0.3380.

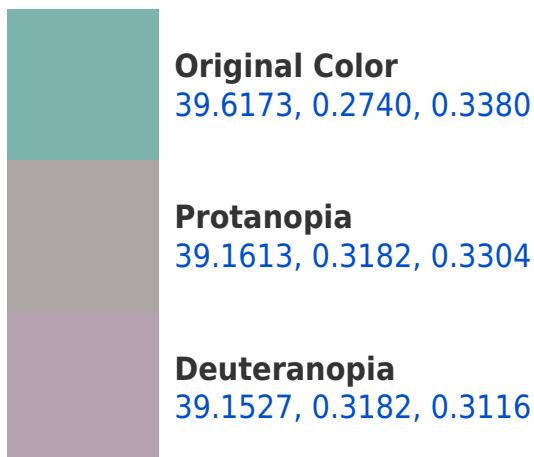


This preview shows how white text looks on a background with the Yxy color 39.6173, 0.2740, 0.3380.

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

39.4794, 0.2643, 0.3070

Trichromacy



Original Color

39.6173, 0.2740, 0.3380

Protanomaly

38.9590, 0.3002, 0.3318

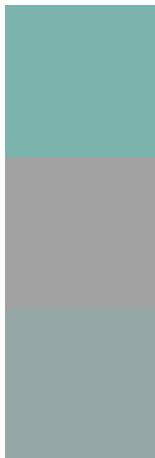
Deuteranomaly

39.0481, 0.3006, 0.3205

Tritanomaly

39.4942, 0.2684, 0.3185

Monochromacy



Original Color

39.6173, 0.2740, 0.3380

Achromatopsia

36.1307, 0.3127, 0.3290

Achromatomaly

37.1480, 0.2974, 0.3319

CSS Examples

Text

The CSS property to change the color of the text to Yxy 39.6173, 0.2740, 0.3380 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(125, 179, 173)` looks like.

```
.text, #text, p{  
    color:rgb(125, 179, 173)  
}
```

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(125, 179, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 179, 173) }
```

Border

The CSS property to change the border of an element to Yxy 39.6173, 0.2740, 0.3380 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(125, 179, 173) }
```

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

```
.border{ border-color:rgb(125, 179, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(125, 179, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(125, 179, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(125, 179, 173);  
box-shadow:4px 4px 4px 4px rgb(125, 179,  
173) }
```


Background

The CSS property to change the background color of an element to Yxy 39.6173, 0.2740, 0.3380 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(125, 179, 173) }
```

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

```
.background{ background-color: rgb(125,  
179, 173) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor