

Converting Colors

$Y_{xy}(39.2287, 0.2769, 0.3368)$

Have a look what the booklet for
Yxy(39.2287, 0.2769, 0.3368)
contains.

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Color

Yxy(39.0900, 0.2773, 0.3364)

Conversions

Conversions Part 1

Format	Color
Hex	81B1AC
RGB	129, 177, 172
RGB Percent	51%, 69%, 67%
CMY	0.4941, 0.3059, 0.3254
CMYK	0.27, 0.00, 0.03, 0.31
HSL	174°, 24%, 60%
HSV	174°, 27%, 69%
XYZ	32.2225, 39.0900, 44.8884
YIQ	162.0780, -27.0030, -11.7310

Conversions

Conversions Part 2

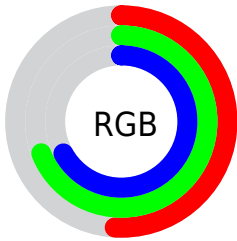
Format	Color
RYB	129, 154, 177
Decimal	8499628
CIELab	68.82, -16.95, -2.62
CIELCh	69, 17.149, 188.777
Yxy	39.0900, 0.2773, 0.3364
Android (android.graphics.Color)	4286689708 (0xFF81B1AC)
YUV	162.0780, 4.8915, -29.0094
Hunter-Lab	62.5220, -17.4183, 1.1974

Details

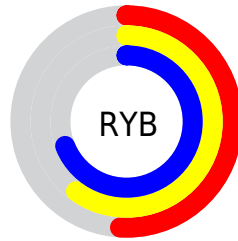
The Yxy color **39.0900, 0.2773, 0.3364** is a light color, and the websafe version is hex **669999**. A complement of this color would be **26.7664, 0.3641, 0.3219**, and the grayscale version is **36.1565, 0.3127, 0.3290**.

A 20% lighter version of the original color is **73.8912, 0.2842, 0.3358**, and **17.3911, 0.2666, 0.3375** is the 20% darker color. If you saturate the color by 10%, you get **37.7535, 0.2661, 0.3395**, and if you desaturate by 10%, it is **40.6708, 0.2897, 0.3335**.

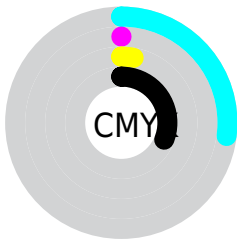
Distribution



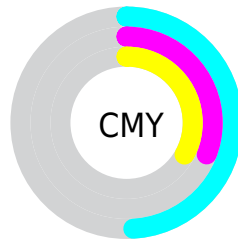
- Red (51%)
- Green (69%)
- Blue (67%)



- Red (51%)
- Yellow (60%)
- Blue (69%)



- Cyan (27%)
- Magenta (0%)
- Yellow (3%)
- Black (31%)




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

Brightness & Saturation Gradients

These gradients show how the Yxy color 39.0900, 0.2773, 0.3364 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 39.0900, 0.2773, 0.3364 by changing the saturation by 10% instead.


 39.0900, 0.2773,
0.3364


 39.0900, 0.2773,
0.3364


342.2730, 0.2954,
0.3328


 26.8297, 0.2726,
0.3373


 73.7758, 0.2840,
0.3351

 17.4454, 0.2666,
0.3384


 96.9701, 0.2865,
0.3346

 10.5526, 0.2584,
0.3399


 124.5779, 0.2885,
0.3342

 5.7668, 0.2467,
0.3419

156.9836, 0.2903,
0.3338

 2.7038, 0.2287,
0.3447

194.5716, 0.2919,
0.3335

 0.9791, 0.1857,
0.3539

237.7262, 0.2932,

 0.0000, 0.0000,

0.3332

0.0000

286.8318, 0.2944,
0.3330

■ 39.0900, 0.2773,
0.3364

■ 39.0900, 0.2773,
0.3364

■ 37.7535, 0.2661,
0.3395

■ 40.6708, 0.2897,
0.3335

■ 36.6441, 0.2563,
0.3428

■ 42.5025, 0.3029,
0.3308

■ 35.7499, 0.2482,
0.3462

■ 44.5975, 0.3167,
0.3283

■ 35.0559, 0.2419,
0.3497

■ 46.9660, 0.3309,
0.3261

■ 34.5455, 0.2374,
0.3533

■ 49.6176, 0.3452,
0.3241

■ 34.1989, 0.2348,
0.3568

■ 52.5612, 0.3594,
0.3224

■ 33.9878, 0.2339,
0.3603

■ 55.8058, 0.3734,
0.3209

■ 33.9366, 0.2337,
0.3613

■ 56.2809, 0.3735,
0.3190

■ 56.3599, 0.3719,
0.3171

Harmonies

Analogous

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



39.0900, 0.2982, 0.3588



39.0900, 0.2773, 0.3364



39.0900, 0.2659, 0.3128

Triad

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



39.0900, 0.2773, 0.3364



39.0900, 0.3003, 0.2897



39.0900, 0.3610, 0.3611

Complementary

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



39.0900, 0.2773, 0.3364



26.7664, 0.3641, 0.3219

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.



39.0900, 0.3620, 0.3419



39.0900, 0.2773, 0.3364



39.0900, 0.3261, 0.3017

Square

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



39.0900, 0.2773, 0.3364



39.0900, 0.2787, 0.2870



39.0900, 0.3490, 0.3205



39.0900, 0.3467, 0.3728

Rectangle

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



39.0900, 0.2773, 0.3364



39.0900, 0.2649, 0.3000



39.0900, 0.3490, 0.3205



39.0900, 0.3629, 0.3553

Sweetspot

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



39.0916, 0.2773, 0.3364



75.7643, 0.3015, 0.3310



38.1476, 0.3139, 0.4044



16.3093, 0.2995, 0.3314



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.



39.0916, 0.2773, 0.3364



68.4177, 0.2699, 0.3384



32.4996, 0.2711, 0.3005



9.6161, 0.2999, 0.3314



24.5925, 0.2336, 0.3609



0.7781, 0.2309, 0.3511

Inverse Universe

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



26.7664, 0.3641, 0.3219



42.3692, 0.3813, 0.3201



31.9232, 0.3632, 0.3558



8.5191, 0.3271, 0.3267



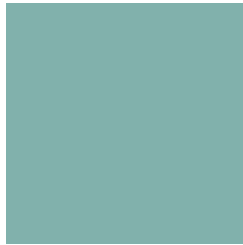
6.8093, 0.6258, 0.3221



0.2189, 0.5763, 0.2949

Previews

White Background



This preview shows how the Yxy color 39.0900, 0.2773, 0.3364 looks on a white background.

Color Contrast Check

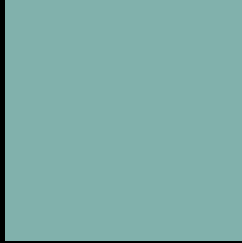
Large Text (above 18pt) WCAG AA × Fail

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 39.0900, 0.2773, 0.3364 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

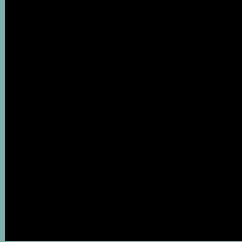
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

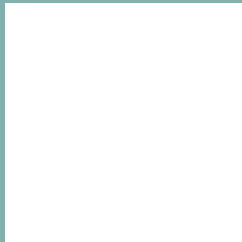
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 39.0900, 0.2773, 0.3364

Background



This preview shows how black text looks on a background with the Yxy color 39.0900, 0.2773, 0.3364.

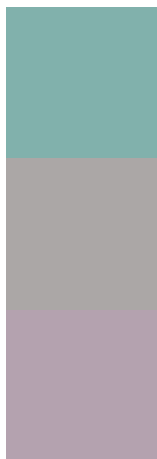


This preview shows how white text looks on a background with the Yxy color 39.0900, 0.2773, 0.3364.

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

39.0900, 0.2773, 0.3364

Protanopia

39.0485, 0.3173, 0.3304

Deuteranopia

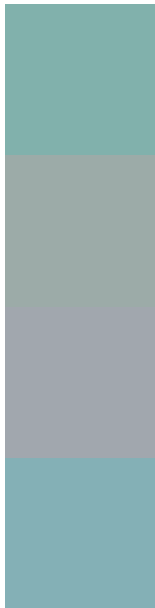
38.6391, 0.3183, 0.3115



Tritanopia

39.2773, 0.2689, 0.3100

Trichromacy



Original Color

39.0900, 0.2773, 0.3364

Protanomaly

39.0209, 0.3019, 0.3333

Deuteranomaly

38.2705, 0.3014, 0.3190

Tritanomaly

39.3336, 0.2725, 0.3200

Monochromacy



Original Color

39.0900, 0.2773, 0.3364

Achromatopsia

36.1307, 0.3127, 0.3290

Achromatomaly

36.8746, 0.2982, 0.3304

CSS Examples

Text

The CSS property to change the color of the text to Yxy 39.0900, 0.2773, 0.3364 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(129, 177, 172)` looks like.

```
.text, #text, p{  
    color:rgb(129, 177, 172)  
}
```

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(129, 177, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(129, 177, 172) }
```

Border

The CSS property to change the border of an element to Yxy 39.0900, 0.2773, 0.3364 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(129, 177, 172) }
```

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

```
.border{ border-color:rgb(129, 177, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(129, 177, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(129, 177, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(129, 177, 172);  
box-shadow:4px 4px 4px 4px rgb(129, 177,  
172) }
```


Background

The CSS property to change the background color of an element to Yxy 39.0900, 0.2773, 0.3364 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(129, 177, 172) }
```

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

```
.background{ background-color: rgb(129,  
177, 172) }
```

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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