

Converting Colors

$Y_{xy}(39.4600, 0.2787, 0.3349)$

Have a look what the booklet for
Yxy(39.4600, 0.2787, 0.3349)
contains.

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Color

Yxy(39.3669, 0.2789, 0.3349)

Conversions

Conversions Part 1

Format	Color
Hex	84B1AD
RGB	132, 177, 173
RGB Percent	52%, 69%, 68%
CMY	0.4822, 0.3059, 0.3216
CMYK	0.25, 0.00, 0.02, 0.31
HSL	175°, 22%, 61%
HSV	175°, 25%, 69%
XYZ	32.7842, 39.3669, 45.3971
YIQ	163.0890, -25.5360, -10.7840

Conversions

Conversions Part 2

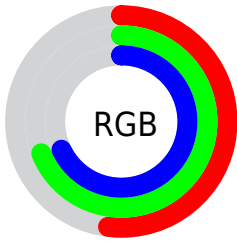
Format	Color
RYB	132, 156, 177
Decimal	8696237
CIELab	69.02, -15.80, -2.83
CIElCh	69, 16.047, 190.167
Yxy	39.3669, 0.2789, 0.3349
Android (android.graphics.Color)	4286886317 (0xFF84B1AD)
YUV	163.0890, 4.8861, -27.2651
Hunter-Lab	62.7430, -16.5314, 1.0214

Details

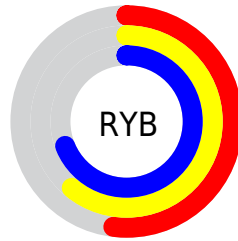
The Yxy color **39.3669, 0.2789, 0.3349** is a light color, and the websafe version is hex **669999**. A complement of this color would be **27.6403, 0.3607, 0.3233**, and the grayscale version is **36.6597, 0.3127, 0.3290**.

A 20% lighter version of the original color is **74.3184, 0.2854, 0.3346**, and **17.5451, 0.2685, 0.3353** is the 20% darker color. If you saturate the color by 10%, you get **37.9992, 0.2673, 0.3376**, and if you desaturate by 10%, it is **40.9807, 0.2916, 0.3324**.

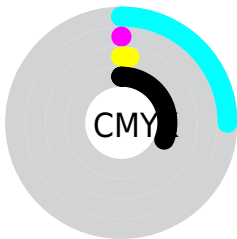
Distribution



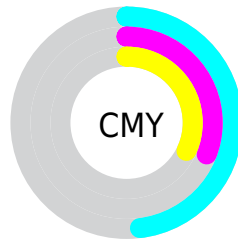
- Red (52%)
- Green (69%)
- Blue (68%)



- Red (52%)
- Yellow (61%)
- Blue (69%)



- Cyan (25%)
- Magenta (0%)
- Yellow (2%)
- Black (31%)





- Cyan (48%)
- Magenta (31%)
- Yellow (32%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 39.3669, 0.2789, 0.3349 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 39.3669, 0.2789, 0.3349 by changing the saturation by 10% instead.


 39.3669, 0.2789,
0.3349


 39.3669, 0.2789,
0.3349

343.4479, 0.2962,
0.3320

 27.0453, 0.2745,
0.3356


 74.1985, 0.2853,
0.3339

 17.6072, 0.2687,
0.3365


 97.4772, 0.2876,
0.3335

 10.6684, 0.2609,
0.3376


 125.1771, 0.2896,
0.3332

 5.8443, 0.2498,
0.3391

157.6826, 0.2913,
0.3329

 2.7506, 0.2327,
0.3411

195.3780, 0.2928,
0.3326

 1.0030, 0.1950,
0.3473

238.6478, 0.2941,

 0.0000, 0.0000,

0.3324

0.0000

287.8763, 0.2952,
0.3322

■ 39.3669, 0.2789,
0.3349

■ 39.3669, 0.2789,
0.3349

■ 37.9992, 0.2673,
0.3376

■ 40.9807, 0.2916,
0.3324

■ 36.8605, 0.2572,
0.3403

■ 42.8470, 0.3051,
0.3301

■ 35.9391, 0.2486,
0.3433

■ 44.9782, 0.3193,
0.3281

■ 35.2204, 0.2419,
0.3462

■ 47.3843, 0.3337,
0.3262

■ 34.6881, 0.2370,
0.3493

■ 50.0747, 0.3482,
0.3245

■ 34.3230, 0.2340,
0.3523

■ 53.0585, 0.3626,
0.3231

■ 34.1015, 0.2327,
0.3553

■ 56.1654, 0.3760,
0.3218

■ 34.0231, 0.2324,
0.3566

■ 56.2321, 0.3745,
0.3201

■ 56.2995, 0.3731,
0.3185

Harmonies

Analogous

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



39.3669, 0.2982, 0.3559



39.3669, 0.2789, 0.3349



39.3669, 0.2687, 0.3131

Triad

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



39.3669, 0.2789, 0.3349



39.3669, 0.3022, 0.2925



39.3669, 0.3574, 0.3598

Complementary

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



39.3669, 0.2789, 0.3349



27.6403, 0.3607, 0.3233

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.



39.3669, 0.3589, 0.3421



39.3669, 0.2789, 0.3349



39.3669, 0.3263, 0.3042

Square

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



39.3669, 0.2789, 0.3349



39.3669, 0.2817, 0.2896



39.3669, 0.3473, 0.3220



39.3669, 0.3437, 0.3701

Rectangle

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



39.3669, 0.2789, 0.3349



39.3669, 0.2681, 0.3013



39.3669, 0.3473, 0.3220



39.3669, 0.3594, 0.3545

Sweetspot

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



39.3685, 0.2789, 0.3349



75.7790, 0.3014, 0.3308



38.3896, 0.3132, 0.3991



16.3130, 0.2993, 0.3311



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.



39.3685, 0.2789, 0.3349



69.2033, 0.2728, 0.3362



32.8849, 0.2737, 0.3014



9.6182, 0.2997, 0.3310



24.6566, 0.2323, 0.3563



0.7796, 0.2300, 0.3479

Inverse Universe

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



27.6403, 0.3607, 0.3233



44.8904, 0.3739, 0.3221



32.8345, 0.3591, 0.3551



8.5172, 0.3273, 0.3270



6.8031, 0.6281, 0.3234



0.2181, 0.5842, 0.2992

Previews

White Background



This preview shows how the Yxy color 39.3669, 0.2789, 0.3349 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 39.3669, 0.2789, 0.3349 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

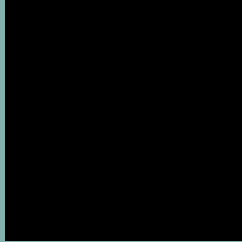
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 39.3669, 0.2789, 0.3349

Background



This preview shows how black text looks on a background with the Yxy color 39.3669, 0.2789, 0.3349.



This preview shows how white text looks on a background with the Yxy color 39.3669, 0.2789, 0.3349.

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

39.3669, 0.2789, 0.3349

Protanopia

39.0854, 0.3164, 0.3290

Deuteranopia

39.1527, 0.3182, 0.3116



Tritanopia

39.4850, 0.2697, 0.3086

Trichromacy



Original Color

39.3669, 0.2789, 0.3349

Protanomaly

39.1585, 0.3019, 0.3318

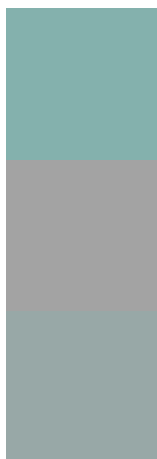
Deuteranomaly

38.8869, 0.3024, 0.3191

Tritanomaly

39.5379, 0.2732, 0.3186

Monochromacy



Original Color

39.3669, 0.2789, 0.3349

Achromatopsia

36.6253, 0.3127, 0.3290

Achromatomaly

37.4707, 0.2992, 0.3304

CSS Examples

Text

The CSS property to change the color of the text to Yxy 39.3669, 0.2789, 0.3349 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(132, 177, 173)` looks like.

```
.text, #text, p{  
    color:rgb(132, 177, 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(132, 177, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(132, 177, 173) }
```

Border

The CSS property to change the border of an element to Yxy 39.3669, 0.2789, 0.3349 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(132, 177, 173) }
```

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

```
.border{ border-color:rgb(132, 177, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(132, 177, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(132, 177, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(132, 177, 173);  
box-shadow:4px 4px 4px 4px rgb(132, 177,  
173) }
```


Background

The CSS property to change the background color of an element to Yxy 39.3669, 0.2789, 0.3349 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(132, 177, 173) }
```

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

```
.background{ background-color: rgb(132,  
177, 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](#).

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