

Converting Colors

$Yxy(39.4662, 0.2911, 0.3487)$

Have a look what the booklet for
Yxy(39.4662, 0.2911, 0.3487)
contains.

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Color

Yxy(39.6136, 0.2908, 0.3484)

Conversions

Conversions Part 1

Format	Color
Hex	8BB1A4
RGB	139, 177, 164
RGB Percent	55%, 69%, 64%
CMY	0.4551, 0.3058, 0.3569
CMYK	0.22, 0.00, 0.07, 0.31
HSL	159°, 20%, 62%
HSV	159°, 22%, 69%
XYZ	33.0644, 39.6136, 41.0235
YIQ	164.1560, -18.4750, -12.0990

Conversions

Conversions Part 2

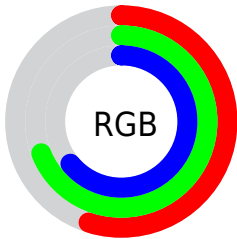
Format	Color
RYB	139, 162, 177
Decimal	9154980
CIELab	69.19, -15.56, 2.43
CIELCh	69, 15.752, 171.111
Yxy	39.6136, 0.2908, 0.3484
Android (android.graphics.Color)	4287345060 (0xFF8BB1A4)
YUV	164.1560, -0.0769, -22.0618
Hunter-Lab	62.9393, -16.3711, 5.4127

Details

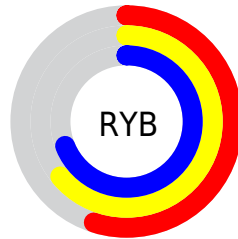
The Yxy color **39.6136, 0.2908, 0.3484** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **30.0671, 0.3410, 0.3105**, and the grayscale version is **37.2062, 0.3127, 0.3290**.

A 20% lighter version of the original color is **74.7298, 0.2949, 0.3448**, and **17.6599, 0.2842, 0.3546** is the 20% darker color. If you saturate the color by 10%, you get **37.9999, 0.2815, 0.3588**, and if you desaturate by 10%, it is **41.4877, 0.3008, 0.3389**.

Distribution



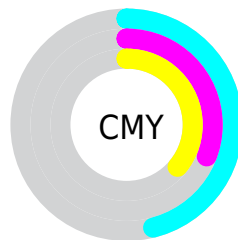
- Red (55%)
- Green (69%)
- Blue (64%)



- Red (55%)
- Yellow (64%)
- Blue (69%)



- Cyan (22%)
- Magenta (0%)
- Yellow (7%)
- Black (31%)





- Cyan (46%)
- Magenta (31%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 39.6136, 0.2908, 0.3484 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 39.6136, 0.2908, 0.3484 by changing the saturation by 10% instead.


 39.6136, 0.2908,
0.3484


 39.6136, 0.2908,
0.3484


344.4923, 0.3021,
0.3383


 27.2374, 0.2879,
0.3510


 74.5748, 0.2950,
0.3446

 17.7516, 0.2840,
0.3545


 97.9285, 0.2965,
0.3433

 10.7718, 0.2788,
0.3593


 125.7102, 0.2978,
0.3421

 5.9136, 0.2712,
0.3663

158.3043, 0.2989,
0.3411

 2.7926, 0.2592,
0.3774

196.0952, 0.2999,
0.3403

 1.0244, 0.2304,
0.4018

239.4672, 0.3007,

 0.0000, 0.0000,

0.3396

0.0000

288.8047, 0.3015,
0.3389

■ 39.6136, 0.2908,
0.3484

■ 39.6136, 0.2908,
0.3484

■ 37.9999, 0.2815,
0.3588

■ 41.4877, 0.3008,
0.3389

■ 36.6296, 0.2732,
0.3701

■ 43.6285, 0.3111,
0.3302

■ 35.4914, 0.2662,
0.3821

■ 46.0481, 0.3217,
0.3225

■ 34.5712, 0.2607,
0.3946

■ 48.7566, 0.3323,
0.3156

■ 33.8530, 0.2570,
0.4076

■ 51.7632, 0.3427,
0.3095

■ 33.3189, 0.2552,
0.4206

■ 55.0771, 0.3529,
0.3042

■ 32.9475, 0.2555,
0.4336

■ 57.1845, 0.3560,
0.2987

■ 32.7219, 0.2568,
0.4445

■ 57.4852, 0.3508,
0.2927

■ 57.7973, 0.3456,
0.2867

Harmonies

Analogous

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



39.6136, 0.3131, 0.3647



39.6136, 0.2908, 0.3484



39.6136, 0.2747, 0.3267

Triad

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



39.6136, 0.2908, 0.3484



39.6136, 0.2889, 0.2903



39.6136, 0.3590, 0.3487

Complementary

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



39.6136, 0.2908, 0.3484



30.0671, 0.3410, 0.3105

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.



39.6136, 0.3521, 0.3293



39.6136, 0.2908, 0.3484



39.6136, 0.3110, 0.2965

Square

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



39.6136, 0.2908, 0.3484



39.6136, 0.2737, 0.2937



39.6136, 0.3343, 0.3105



39.6136, 0.3529, 0.3640

Rectangle

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



39.6136, 0.2908, 0.3484



39.6136, 0.2694, 0.3128



39.6136, 0.3343, 0.3105



39.6136, 0.3581, 0.3425

Sweetspot

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



39.6152, 0.2908, 0.3484



76.2984, 0.3063, 0.3341



40.0147, 0.3217, 0.3856



16.4828, 0.3057, 0.3346



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.



39.6152, 0.2908, 0.3484



69.4508, 0.2861, 0.3535



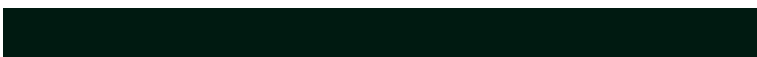
37.9013, 0.2807, 0.3205



9.5812, 0.3030, 0.3369



23.7156, 0.2564, 0.4431



0.7566, 0.2465, 0.4073

Inverse Universe

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



30.0671, 0.3410, 0.3105



49.1543, 0.3494, 0.3059



31.3598, 0.3536, 0.3374



8.5517, 0.3235, 0.3212



7.0232, 0.5571, 0.2843



0.2322, 0.4782, 0.2408

Previews

White Background



This preview shows how the Yxy color 39.6136, 0.2908, 0.3484 looks on a white background.

Color Contrast Check

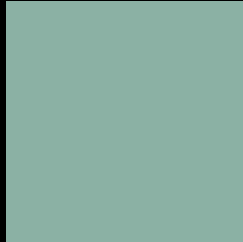
Large Text (above 18pt) WCAG AA × Fail

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 39.6136, 0.2908, 0.3484 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

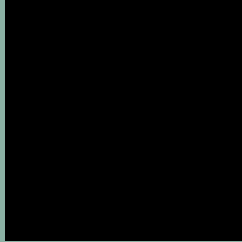
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 39.6136, 0.2908, 0.3484

Background



This preview shows how black text looks on a background with the Yxy color 39.6136, 0.2908, 0.3484.

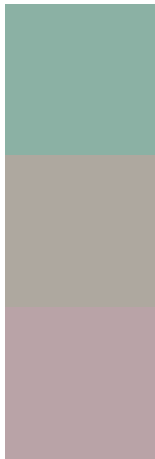


This preview shows how white text looks on a background with the Yxy color 39.6136, 0.2908, 0.3484.

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

39.6136, 0.2908, 0.3484

Protanopia

39.5071, 0.3261, 0.3416

Deuteranopia

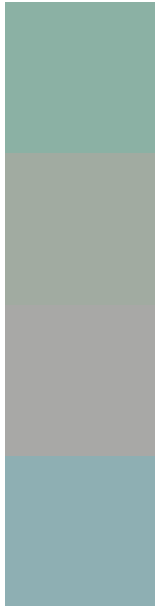
39.2987, 0.3301, 0.3237



Tritanopia

39.6996, 0.2769, 0.3103

Trichromacy



Original Color

39.6136, 0.2908, 0.3484

Protanomaly

39.2761, 0.3120, 0.3434

Deuteranomaly

39.0833, 0.3144, 0.3318

Tritanomaly

39.6654, 0.2820, 0.3231

Monochromacy



Original Color

39.6136, 0.2908, 0.3484

Achromatopsia

37.1238, 0.3127, 0.3290

Achromatomaly

38.0248, 0.3043, 0.3363

CSS Examples

Text

The CSS property to change the color of the text to Yxy 39.6136, 0.2908, 0.3484 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(139, 177, 164)` looks like.

```
.text, #text, p{  
    color:rgb(139, 177, 164)  
}
```

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(139, 177, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 177, 164) }
```

Border

The CSS property to change the border of an element to Yxy 39.6136, 0.2908, 0.3484 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(139, 177, 164) }
```

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

```
.border{ border-color:rgb(139, 177, 164) }
```

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

Here you see how a box with a 4 pixel `rgb(139, 177, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(139, 177, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(139, 177, 164);  
box-shadow:4px 4px 4px 4px rgb(139, 177,  
164) }
```


Background

The CSS property to change the background color of an element to Yxy 39.6136, 0.2908, 0.3484 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(139, 177, 164) }
```

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

```
.background{ background-color: rgb(139,  
177, 164) }
```

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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