

Converting Colors

$Yxy(39.1615, 0.2878, 0.3657)$

Have a look what the booklet for
Yxy(39.1615, 0.2878, 0.3657)
contains.

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Color

Yxy(39.1188, 0.2882, 0.3661)

Conversions

Conversions Part 1

Format	Color
Hex	7FB39B
RGB	127, 179, 155
RGB Percent	50%, 70%, 61%
CMY	0.5017, 0.2981, 0.3921
CMYK	0.29, 0.00, 0.13, 0.30
HSL	152°, 25%, 60%
HSV	152°, 29%, 70%
XYZ	30.7950, 39.1188, 36.9390
YIQ	160.7160, -23.2880, -18.4880

Conversions

Conversions Part 2

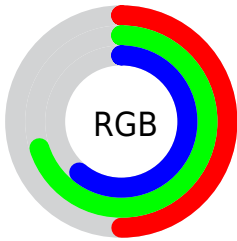
Format	Color
RYB	127, 161, 179
Decimal	8369051
CIELab	68.84, -22.26, 6.78
CIELCh	69, 23.275, 163.057
Yxy	39.1188, 0.2882, 0.3661
Android (android.graphics.Color)	4286559131 (0xFF7FB39B)
YUV	160.7160, -2.8180, -29.5689
Hunter-Lab	62.5450, -21.5667, 8.7649

Details

The Yxy color **39.1188, 0.2882, 0.3661** is a light color, and the websafe version is hex **669999**. A complement of this color would be **27.0117, 0.3468, 0.2948**, and the grayscale version is **35.5291, 0.3127, 0.3290**.

A 20% lighter version of the original color is **73.8439, 0.2933, 0.3593**, and **17.4577, 0.2802, 0.3780** is the 20% darker color. If you saturate the color by 10%, you get **37.5969, 0.2809, 0.3814**, and if you desaturate by 10%, it is **40.9072, 0.2963, 0.3521**.

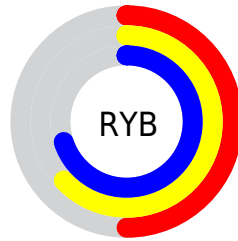
Distribution



Red (50%)

Green (70%)

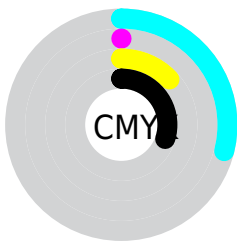
Blue (61%)



Red (50%)

Yellow (63%)

Blue (70%)

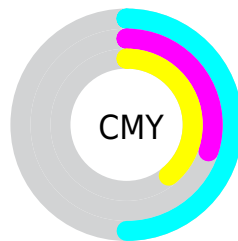


Cyan (29%)

Magenta (0%)

Yellow (13%)

Black (30%)



Cyan (50%)


Magenta (30%)


Yellow (39%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 39.1188, 0.2882, 0.3661 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 39.1188, 0.2882, 0.3661 by changing the saturation by 10% instead.


 39.1188, 0.2882,
0.3661


 39.1188, 0.2882,
0.3661


342.3953, 0.3010,
0.3465


 26.8522, 0.2848,
0.3713


 73.8198, 0.2930,
0.3587

 17.4622, 0.2803,
0.3783


 97.0229, 0.2948,
0.3560

 10.5646, 0.2741,
0.3880


 124.6403, 0.2962,
0.3538

 5.7749, 0.2649,
0.4024

157.0564, 0.2975,
0.3519

 2.7087, 0.2502,
0.4260

194.6555, 0.2986,
0.3503

 0.9816, 0.1972,
0.5011

237.8221, 0.2995,

 0.0000, 0.0000,

0.3489

0.0000

286.9406, 0.3003,
0.3476

■ 39.1188, 0.2882,
0.3661

■ 39.1188, 0.2882,
0.3661

■ 37.5969, 0.2809,
0.3814

■ 40.9072, 0.2963,
0.3521

■ 36.3233, 0.2747,
0.3978

■ 42.9694, 0.3048,
0.3394

■ 35.2851, 0.2698,
0.4151

■ 45.3188, 0.3136,
0.3279

■ 34.4662, 0.2666,
0.4329

■ 47.9661, 0.3224,
0.3178

■ 33.8485, 0.2653,
0.4509

■ 50.9216, 0.3311,
0.3088

■ 33.4108, 0.2661,
0.4686

■ 54.1952, 0.3396,
0.3009

■ 33.1144, 0.2684,
0.4856

■ 57.7962, 0.3478,
0.2940

■ 33.0879, 0.2687,
0.4873

■ 58.7256, 0.3431,
0.2861

■ 59.1776, 0.3362,
0.2781

Harmonies

Analogous

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



39.1188, 0.3220, 0.3871



39.1188, 0.2882, 0.3661



39.1188, 0.2619, 0.3339

Triad

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



39.1188, 0.2882, 0.3661



39.1188, 0.2703, 0.2725



39.1188, 0.3808, 0.3496

Complementary

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



39.1188, 0.2882, 0.3661



27.0117, 0.3468, 0.2948

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.



39.1188, 0.3656, 0.3211



39.1188, 0.2882, 0.3661



39.1188, 0.3004, 0.2782

Square

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



39.1188, 0.2882, 0.3661



39.1188, 0.2521, 0.2806



39.1188, 0.3355, 0.2957



39.1188, 0.3765, 0.3748

Rectangle

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



39.1188, 0.2882, 0.3661



39.1188, 0.2517, 0.3121



39.1188, 0.3355, 0.2957



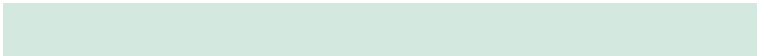
39.1188, 0.3778, 0.3401

Sweetspot

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



39.1204, 0.2882, 0.3661



76.9103, 0.3047, 0.3395



40.3786, 0.3300, 0.4066



16.9147, 0.3034, 0.3413



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.



39.1204, 0.2882, 0.3661



68.2239, 0.2833, 0.3760



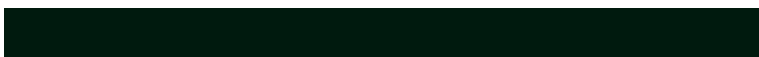
39.3185, 0.2711, 0.3263



9.5640, 0.3045, 0.3397



23.3967, 0.2682, 0.4853



0.7478, 0.2548, 0.4371

Inverse Universe

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



27.0117, 0.3468, 0.2948



42.8893, 0.3573, 0.2867



26.7609, 0.3749, 0.3317



8.5684, 0.3217, 0.3185



7.2230, 0.5088, 0.2576



0.2391, 0.4433, 0.2216

Previews

White Background



This preview shows how the Yxy color 39.1188, 0.2882, 0.3661 looks on a white background.

Color Contrast Check

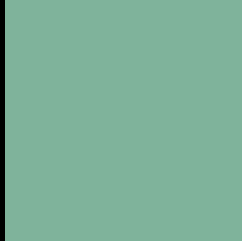
Large Text (above 18pt) WCAG AA × Fail

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 39.1188, 0.2882, 0.3661 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

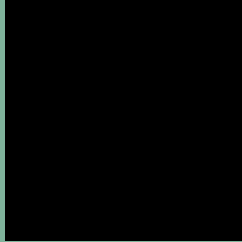
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 39.1188, 0.2882, 0.3661

Background



This preview shows how black text looks on a background with the Yxy color 39.1188, 0.2882, 0.3661.



This preview shows how white text looks on a background with the Yxy color 39.1188, 0.2882, 0.3661.

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

39.1188, 0.2882, 0.3661

Protanopia

38.9213, 0.3361, 0.3543

Deuteranopia

38.9087, 0.3397, 0.3331



Tritanopia

38.9713, 0.2695, 0.3085

Trichromacy



Original Color

39.1188, 0.2882, 0.3661

Protanomaly

38.6293, 0.3177, 0.3583

Deuteranomaly

38.4732, 0.3185, 0.3433

Tritanomaly

39.0106, 0.2759, 0.3289

Monochromacy



Original Color

39.1188, 0.2882, 0.3661

Achromatopsia

35.6400, 0.3127, 0.3290

Achromatomaly

36.8980, 0.3030, 0.3424

CSS Examples

Text

The CSS property to change the color of the text to Yxy 39.1188, 0.2882, 0.3661 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(127, 179, 155)` looks like.

```
.text, #text, p{  
    color:rgb(127, 179, 155)  
}
```

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(127, 179, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 179, 155) }
```

Border

The CSS property to change the border of an element to Yxy 39.1188, 0.2882, 0.3661 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(127, 179, 155) }
```

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

```
.border{ border-color:rgb(127, 179, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(127, 179, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(127, 179, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(127, 179, 155);  
box-shadow:4px 4px 4px 4px rgb(127, 179,  
155) }
```


Background

The CSS property to change the background color of an element to Yxy 39.1188, 0.2882, 0.3661 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(127, 179, 155) }
```

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

```
.background{ background-color: rgb(127,  
179, 155) }
```

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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