

Converting Colors

$Y_{xy}(39.0932, 0.3112, 0.3857)$

Have a look what the booklet for
Yxy(39.0932, 0.3112, 0.3857)
contains.

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Color

Yxy(39.0005, 0.3109, 0.3857)

Conversions

Conversions Part 1

Format	Color
Hex	8DB18C
RGB	141, 177, 140
RGB Percent	55%, 69%, 55%
CMY	0.4471, 0.3058, 0.4510
CMYK	0.20, 0.00, 0.21, 0.31
HSL	118°, 19%, 62%
HSV	118°, 21%, 69%
XYZ	31.4370, 39.0005, 30.6786
YIQ	162.0180, -9.5790, -19.1390

Conversions

Conversions Part 2

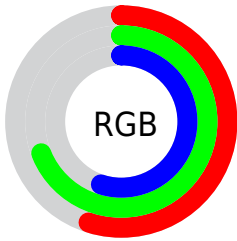
Format	Color
RYB	140, 177, 176
Decimal	9286028
CIELab	68.75, -19.53, 15.01
CIElCh	69, 24.626, 142.453
Yxy	39.0005, 0.3109, 0.3857
Android (android.graphics.Color)	4287476108 (0xFF8DB18C)
YUV	162.0180, -10.8549, -18.4328
Hunter-Lab	62.4504, -19.4327, 14.5892

Details

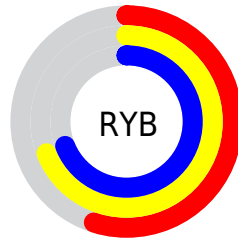
The Yxy color **39.0005, 0.3109, 0.3857** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **31.1617, 0.3141, 0.2779**, and the grayscale version is **36.1940, 0.3127, 0.3290**.

A 20% lighter version of the original color is **73.7750, 0.3113, 0.3741**, and **17.3271, 0.3092, 0.4038** is the 20% darker color. If you saturate the color by 10%, you get **37.1269, 0.3098, 0.4177**, and if you desaturate by 10%, it is **41.1964, 0.3119, 0.3568**.

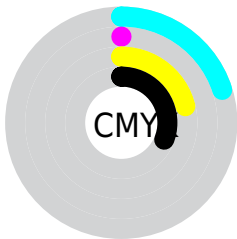
Distribution



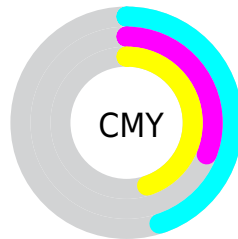
- Red (55%)
- Green (69%)
- Blue (55%)



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



- Cyan (20%)
- Magenta (0%)
- Yellow (21%)
- Black (31%)




- Cyan (45%)
- Magenta (31%)
- Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 39.0005, 0.3109, 0.3857 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 39.0005, 0.3109, 0.3857 by changing the saturation by 10% instead.


 39.0005, 0.3109,
0.3857


 39.0005, 0.3109,
0.3857


341.8926, 0.3123,
0.3555


 26.7601, 0.3103,
0.3939


 73.6391, 0.3116,
0.3743

 17.3931, 0.3095,
0.4047


 96.8061, 0.3118,
0.3701

 10.5152, 0.3080,
0.4199


 124.3841, 0.3119,
0.3667

 5.7419, 0.3055,
0.4426

156.7574, 0.3120,
0.3638

 2.6888, 0.3000,
0.4799

194.3106, 0.3121,
0.3613

 0.9715, 0.3125,
0.6835

237.4279, 0.3122,

 0.0000, 0.0000,

0.3591

0.0000

286.4938, 0.3123,
0.3572

■ 39.0005, 0.3109,
0.3857

■ 39.0005, 0.3109,
0.3857

■ 37.1269, 0.3098,
0.4177

■ 41.1964, 0.3119,
0.3568

■ 35.5557, 0.3084,
0.4521

■ 43.7235, 0.3127,
0.3312

■ 34.2726, 0.3069,
0.4873

■ 46.5964, 0.3133,
0.3088


■ 33.2601, 0.3054,
0.5214


■ 49.8276, 0.3138,
0.2895


■ 32.4989, 0.3038,
0.5516


■ 53.4287, 0.3142,
0.2729

 31.9668, 0.3024,
0.5755

 57.4110, 0.3145,
0.2586

 31.6384, 0.3012,
0.5913

 59.9280, 0.3163,
0.2527

 31.4785, 0.3006,
0.5995

Harmonies

Analogous

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



39.0005, 0.3468, 0.3946



39.0005, 0.3109, 0.3857



39.0005, 0.2768, 0.3584

Triad

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



39.0005, 0.3109, 0.3857



39.0005, 0.2531, 0.2735



39.0005, 0.3759, 0.3299

Complementary

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



39.0005, 0.3109, 0.3857



31.1617, 0.3141, 0.2779

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.



39.0005, 0.3479, 0.3015



39.0005, 0.3109, 0.3857



39.0005, 0.2767, 0.2698

Square

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



39.0005, 0.3109, 0.3857



39.0005, 0.2447, 0.2920



39.0005, 0.3112, 0.2800



39.0005, 0.3857, 0.3596

Rectangle

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



39.0005, 0.3109, 0.3857



39.0005, 0.2594, 0.3348



39.0005, 0.3112, 0.2800



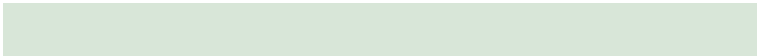
39.0005, 0.3682, 0.3200

Sweetspot

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



39.0022, 0.3109, 0.3857



75.8733, 0.3123, 0.3440



42.2042, 0.3440, 0.3786



16.3817, 0.3122, 0.3457



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.



39.0022, 0.3109, 0.3857



68.2579, 0.3104, 0.3998



39.4664, 0.2967, 0.3587



9.5005, 0.3120, 0.3525



22.8088, 0.3007, 0.5994



0.7212, 0.3037, 0.5970

Inverse Universe

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



31.1617, 0.3141, 0.2779



51.7272, 0.3144, 0.2667



30.6312, 0.3326, 0.3011



8.6350, 0.3134, 0.3065



8.6825, 0.3144, 0.1506



0.2768, 0.3163, 0.1516

Previews

White Background



This preview shows how the Yxy color 39.0005, 0.3109, 0.3857 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 39.0005, 0.3109, 0.3857 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

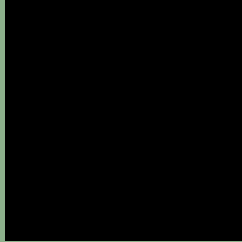
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 39.0005, 0.3109, 0.3857

Background



This preview shows how black text looks on a background with the Yxy color 39.0005, 0.3109, 0.3857.



This preview shows how white text looks on a background with the Yxy color 39.0005, 0.3109, 0.3857.

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

39.0005, 0.3109, 0.3857

Protanopia

38.7338, 0.3508, 0.3741

Deuteranopia

38.6794, 0.3602, 0.3533



Tritanopia

39.0182, 0.2828, 0.3090

Trichromacy



Original Color

39.0005, 0.3109, 0.3857

Protanomaly

38.8245, 0.3353, 0.3786

Deuteranomaly

38.4747, 0.3405, 0.3646

Tritanomaly

38.8627, 0.2926, 0.3348

Monochromacy



Original Color

39.0005, 0.3109, 0.3857

Achromatopsia

36.1307, 0.3127, 0.3290

Achromatomaly

36.8406, 0.3118, 0.3483

CSS Examples

Text

The CSS property to change the color of the text to Yxy 39.0005, 0.3109, 0.3857 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(141, 177, 140)` looks like.

```
.text, #text, p{  
    color:rgb(141, 177, 140)  
}
```

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(141, 177, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(141, 177, 140) }
```

Border

The CSS property to change the border of an element to Yxy 39.0005, 0.3109, 0.3857 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(141, 177, 140) }
```

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

```
.border{ border-color:rgb(141, 177, 140) }
```

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

Here you see how a box with a 4 pixel `rgb(141, 177, 140)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(141, 177, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(141, 177, 140);  
box-shadow:4px 4px 4px 4px rgb(141, 177,  
140) }
```


Background

The CSS property to change the background color of an element to Yxy 39.0005, 0.3109, 0.3857 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(141, 177, 140) }
```

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

```
.background{ background-color: rgb(141,  
177, 140) }
```

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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