

Converting Colors

$Y_{xy}(39.2243, 0.3074, 0.3525)$

Have a look what the booklet for
Yxy(39.2243, 0.3074, 0.3525)
contains.

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Color

Yxy(39.0938, 0.3081, 0.3525)

Conversions

Conversions Part 1

Format	Color
Hex	99AD9D
RGB	153, 173, 157
RGB Percent	60%, 68%, 62%
CMY	0.3999, 0.3216, 0.3843
CMYK	0.12, 0.00, 0.09, 0.32
HSL	132°, 11%, 64%
HSV	132°, 12%, 68%
XYZ	34.1696, 39.0938, 37.6410
YIQ	165.1960, -6.7840, -9.2160

Conversions

Conversions Part 2

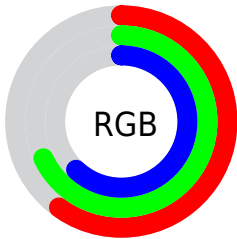
Format	Color
RYB	153, 170, 173
Decimal	10071453
CIELab	68.82, -10.07, 5.87
CIELCh	69, 11.661, 149.758
Yxy	39.0938, 0.3081, 0.3525
Android (android.graphics.Color)	4288261533 (0xFF99AD9D)
YUV	165.1960, -4.0406, -10.6959
Hunter-Lab	62.5250, -11.8694, 8.0741

Details

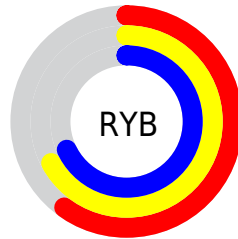
The Yxy color **39.0938, 0.3081, 0.3525** is a light color, and the websafe version is hex **999999**. A complement of this color would be **34.5412, 0.3177, 0.3066**, and the grayscale version is **37.7507, 0.3127, 0.3290**.

A 20% lighter version of the original color is **73.5057, 0.3085, 0.3469**, and **17.5401, 0.3064, 0.3602** is the 20% darker color. If you saturate the color by 10%, you get **37.0850, 0.3041, 0.3757**, and if you desaturate by 10%, it is **41.4037, 0.3121, 0.3319**.

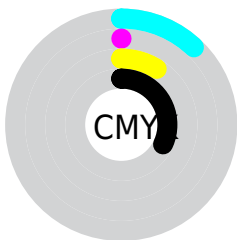
Distribution



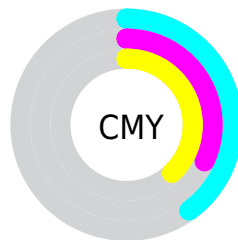
- Red (60%)
- Green (68%)
- Blue (62%)



- Red (60%)
- Yellow (67%)
- Blue (68%)



- Cyan (12%)
- Magenta (0%)
- Yellow (9%)
- Black (32%)





- Cyan (40%)
- Magenta (32%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 39.0938, 0.3081, 0.3525 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 39.0938, 0.3081, 0.3525 by changing the saturation by 10% instead.


 39.0938, 0.3081,
0.3525

 39.0938, 0.3081,
0.3525


342.2891, 0.3106,
0.3402

 26.8327, 0.3074,
0.3558


 73.7816, 0.3090,
0.3479

 17.4476, 0.3065,
0.3601


 96.9771, 0.3094,
0.3462

 10.5541, 0.3053,
0.3660


124.5862, 0.3097,
0.3448

 5.7679, 0.3033,
0.3748

156.9932, 0.3099,
0.3436

 2.7045, 0.3001,
0.3889

194.5826, 0.3101,
0.3426

 0.9795, 0.2948,
0.4233

237.7388, 0.3103,

 0.0000, 0.0000,

0.3417

0.0000

286.8462, 0.3104,
0.3409

■ 39.0938, 0.3081,
0.3525

■ 39.0938, 0.3081,
0.3525

■ 37.0850, 0.3041,
0.3757

■ 41.4037, 0.3121,
0.3319

■ 35.3601, 0.3002,
0.4013

■ 44.0213, 0.3160,
0.3139

■ 33.9077, 0.2967,
0.4292

■ 46.9592, 0.3197,
0.2981

■ 32.7136, 0.2938,
0.4586

■ 50.2276, 0.3232,
0.2845

■ 31.7624, 0.2918,
0.4884

■ 53.8366, 0.3265,
0.2726

■ 31.0370, 0.2908,
0.5172

■ 57.4475, 0.3281,
0.2620

■ 30.5181, 0.2911,
0.5433

■ 58.3039, 0.3172,
0.2497

■ 30.1828, 0.2926,
0.5651

■ 58.3663, 0.3165,
0.2488

■ 30.0040, 0.2943,
0.5795

Harmonies

Analogous

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



39.0938, 0.3254, 0.3592



39.0938, 0.3081, 0.3525



39.0938, 0.2923, 0.3390

Triad

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



39.0938, 0.3081, 0.3525



39.0938, 0.2861, 0.3011



39.0938, 0.3443, 0.3338

Complementary

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



39.0938, 0.3081, 0.3525



34.5412, 0.3177, 0.3066

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.



39.0938, 0.3332, 0.3191



39.0938, 0.3081, 0.3525



39.0938, 0.2994, 0.3005

Square

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



39.0938, 0.3081, 0.3525



39.0938, 0.2799, 0.3091



39.0938, 0.3167, 0.3071



39.0938, 0.3467, 0.3477

Rectangle

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



39.0938, 0.3081, 0.3525



39.0938, 0.2847, 0.3282



39.0938, 0.3167, 0.3071



39.0938, 0.3415, 0.3288

Sweetspot

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



39.0955, 0.3081, 0.3525



73.4956, 0.3115, 0.3349



40.6594, 0.3262, 0.3572



15.8983, 0.3112, 0.3364



86.8899, 0.3127, 0.3290



16.2647, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



39.0955, 0.3081, 0.3525



68.9960, 0.3070, 0.3585



39.4392, 0.3003, 0.3381



8.9644, 0.3090, 0.3477



22.0498, 0.2939, 0.5780



0.6208, 0.2789, 0.5241

Inverse Universe

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



34.5412, 0.3177, 0.3066



59.1143, 0.3190, 0.3012



34.1910, 0.3269, 0.3201



8.1204, 0.3167, 0.3110



7.8963, 0.3775, 0.1853



0.2265, 0.3575, 0.1743

Previews

White Background



This preview shows how the Yxy color 39.0938, 0.3081, 0.3525 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 39.0938, 0.3081, 0.3525 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

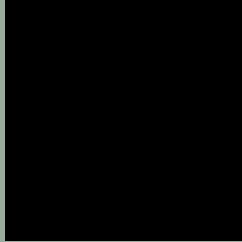
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 39.0938, 0.3081, 0.3525

Background



This preview shows how black text looks on a background with the Yxy color 39.0938, 0.3081, 0.3525.



This preview shows how white text looks on a background with the Yxy color 39.0938, 0.3081, 0.3525.

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

39.0938, 0.3081, 0.3525

Protanopia

38.9692, 0.3307, 0.3473

Deuteranopia

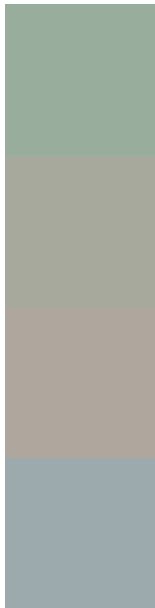
38.9087, 0.3397, 0.3331



Tritanopia

38.9629, 0.2908, 0.3092

Trichromacy



Original Color

39.0938, 0.3081, 0.3525

Protanomaly

38.8495, 0.3219, 0.3491

Deuteranomaly

38.8550, 0.3282, 0.3402

Tritanomaly

38.8734, 0.2971, 0.3232

Monochromacy



Original Color

39.0938, 0.3081, 0.3525

Achromatopsia

37.6262, 0.3127, 0.3290

Achromatomaly

38.1910, 0.3114, 0.3376

CSS Examples

Text

The CSS property to change the color of the text to Yxy 39.0938, 0.3081, 0.3525 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(153, 173, 157)` looks like.

```
.text, #text, p{  
    color:rgb(153, 173, 157)  
}
```

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(153, 173, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 173, 157) }
```

Border

The CSS property to change the border of an element to Yxy 39.0938, 0.3081, 0.3525 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(153, 173, 157) }
```

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

```
.border{ border-color:rgb(153, 173, 157) }
```

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

Here you see how a box with a 4 pixel `rgb(153, 173, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 173, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 173, 157);  
box-shadow:4px 4px 4px 4px rgb(153, 173,  
157) }
```


Background

The CSS property to change the background color of an element to Yxy 39.0938, 0.3081, 0.3525 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 173, 157) }
```

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

```
.background{ background-color: rgb(153,  
173, 157) }
```

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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