

Converting Colors

$Yxy(39.5283, 0.3044, 0.3654)$

Have a look what the booklet for
Yxy(39.5283, 0.3044, 0.3654)
contains.

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Color

Yxy(39.7310, 0.3050, 0.3664)

Conversions

Conversions Part 1

Format	Color
Hex	91B198
RGB	145, 177, 152
RGB Percent	57%, 69%, 60%
CMY	0.4312, 0.3059, 0.4039
CMYK	0.18, 0.00, 0.14, 0.31
HSL	133°, 17%, 63%
HSV	133°, 18%, 69%
XYZ	33.0730, 39.7310, 35.6321
YIQ	164.5820, -11.0470, -14.5590

Conversions

Conversions Part 2

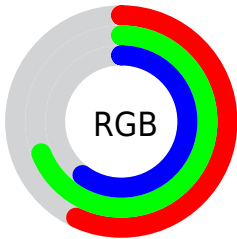
Format	Color
RYB	145, 171, 177
Decimal	9548184
CIELab	69.28, -15.89, 9.21
CIELCh	69, 18.369, 149.920
Yxy	39.7310, 0.3050, 0.3664
Android (android.graphics.Color)	4287738264 (0xFF91B198)
YUV	164.5820, -6.2029, -17.1734
Hunter-Lab	63.0325, -16.6484, 10.6063

Details

The Yxy color **39.7310, 0.3050, 0.3664** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **32.5157, 0.3215, 0.2943**, and the grayscale version is **37.4553, 0.3127, 0.3290**.

A 20% lighter version of the original color is **74.8762, 0.3066, 0.3597**, and **17.7346, 0.3022, 0.3782** is the 20% darker color. If you saturate the color by 10%, you get **37.8198, 0.3008, 0.3906**, and if you desaturate by 10%, it is **41.9490, 0.3093, 0.3447**.

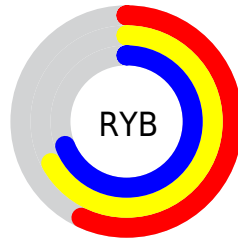
Distribution



Red (57%)

Green (69%)

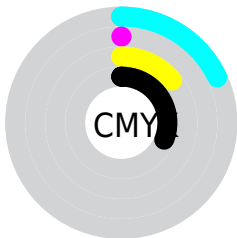
Blue (60%)



Red (57%)

Yellow (67%)

Blue (69%)

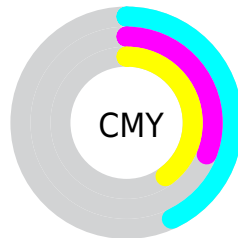


Cyan (18%)

Magenta (0%)

Yellow (14%)

Black (31%)



Cyan (43%)


Magenta (31%)


Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 39.7310, 0.3050, 0.3664 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 39.7310, 0.3050, 0.3664 by changing the saturation by 10% instead.


 39.7310, 0.3050,
0.3664


 39.7310, 0.3050,
0.3664


344.9885, 0.3092,
0.3467

 27.3289, 0.3038,
0.3717


 74.7537, 0.3066,
0.3590

 17.8204, 0.3023,
0.3786


 98.1431, 0.3072,
0.3563

 10.8211, 0.3000,
0.3883


125.9637, 0.3077,
0.3541

 5.9467, 0.2966,
0.4026

158.5999, 0.3081,
0.3521

 2.8127, 0.2907,
0.4259

196.4360, 0.3084,
0.3505

 1.0347, 0.2804,
0.4933

239.8566, 0.3087,

 0.0000, 0.0000,

0.3491

0.0000

289.2459, 0.3090,
0.3478

■ 39.7310, 0.3050,
0.3664

■ 39.7310, 0.3050,
0.3664

■ 37.8198, 0.3008,
0.3906

■ 41.9490, 0.3093,
0.3447

■ 36.1971, 0.2970,
0.4172

■ 44.4814, 0.3135,
0.3254

■ 34.8501, 0.2936,
0.4455

■ 47.3416, 0.3177,
0.3086

■ 33.7632, 0.2912,
0.4748

■ 50.5409, 0.3216,
0.2939

■ 32.9192, 0.2898,
0.5038

■ 54.0899, 0.3253,
0.2812

■ 32.2986, 0.2896,
0.5308

■ 57.9989, 0.3288,
0.2701

■ 31.8791, 0.2909,
0.5544

■ 59.5364, 0.3209,
0.2580

■ 31.6254, 0.2931,
0.5733

■ 59.9214, 0.3163,
0.2527

■ 31.5848, 0.2935,
0.5765

Harmonies

Analogous

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



39.7310, 0.3321, 0.3769



39.7310, 0.3050, 0.3664



39.7310, 0.2807, 0.3444

Triad

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



39.7310, 0.3050, 0.3664



39.7310, 0.2715, 0.2857



39.7310, 0.3626, 0.3359

Complementary

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



39.7310, 0.3050, 0.3664



32.5157, 0.3215, 0.2943

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.



39.7310, 0.3449, 0.3135



39.7310, 0.3050, 0.3664



39.7310, 0.2919, 0.2853

Square

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



39.7310, 0.3050, 0.3664



39.7310, 0.2620, 0.2974



39.7310, 0.3188, 0.2954



39.7310, 0.3661, 0.3576

Rectangle

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



39.7310, 0.3050, 0.3664



39.7310, 0.2692, 0.3272



39.7310, 0.3188, 0.2954



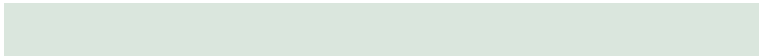
39.7310, 0.3581, 0.3283

Sweetspot

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



39.7327, 0.3050, 0.3664



76.4201, 0.3106, 0.3387



42.0413, 0.3329, 0.3740



16.4962, 0.3103, 0.3401



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.



39.7327, 0.3050, 0.3664



69.6184, 0.3032, 0.3766



40.2906, 0.2928, 0.3422



9.5194, 0.3087, 0.3473



22.8940, 0.2930, 0.5748



0.7290, 0.2782, 0.5217

Inverse Universe

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



32.5157, 0.3215, 0.2943



54.0732, 0.3240, 0.2857



31.9484, 0.3375, 0.3162



8.6144, 0.3170, 0.3114



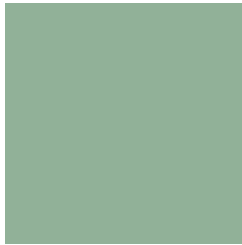
8.1209, 0.3839, 0.1889



0.2634, 0.3632, 0.1774

Previews

White Background



This preview shows how the Yxy color 39.7310, 0.3050, 0.3664 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 39.7310, 0.3050, 0.3664 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

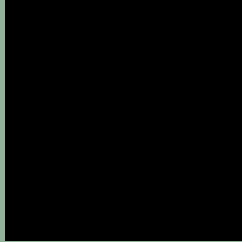
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

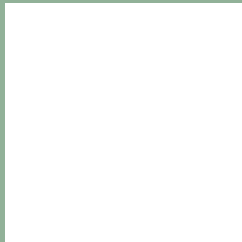
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 39.7310, 0.3050, 0.3664

Background



This preview shows how black text looks on a background with the Yxy color 39.7310, 0.3050, 0.3664.



This preview shows how white text looks on a background with the Yxy color 39.7310, 0.3050, 0.3664.

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

39.7310, 0.3050, 0.3664

Protanopia

39.4905, 0.3388, 0.3569

Deuteranopia

39.5081, 0.3462, 0.3398



Tritanopia

39.6295, 0.2838, 0.3091

Trichromacy



Original Color

39.7310, 0.3050, 0.3664

Protanomaly

39.2951, 0.3259, 0.3607

Deuteranomaly

39.3370, 0.3305, 0.3486

Tritanomaly

39.7177, 0.2913, 0.3289

Monochromacy



Original Color

39.7310, 0.3050, 0.3664

Achromatopsia

37.6262, 0.3127, 0.3290

Achromatomaly

38.1831, 0.3103, 0.3421

CSS Examples

Text

The CSS property to change the color of the text to Yxy 39.7310, 0.3050, 0.3664 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(145, 177, 152)` looks like.

```
.text, #text, p{  
    color:rgb(145, 177, 152)  
}
```

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(145, 177, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(145, 177, 152) }
```

Border

The CSS property to change the border of an element to Yxy 39.7310, 0.3050, 0.3664 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(145, 177, 152) }
```

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

```
.border{ border-color:rgb(145, 177, 152) }
```

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

Here you see how a box with a 4 pixel `rgb(145, 177, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(145, 177, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(145, 177, 152);  
box-shadow:4px 4px 4px 4px rgb(145, 177,  
152) }
```


Background

The CSS property to change the background color of an element to Yxy 39.7310, 0.3050, 0.3664 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(145, 177, 152) }
```

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

```
.background{ background-color: rgb(145,  
177, 152) }
```

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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