

Converting Colors

$Yxy(39.3909, 0.3131, 0.3755)$

Have a look what the booklet for
Yxy(39.3909, 0.3131, 0.3755)
contains.

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Color

Yxy(39.3909, 0.3131, 0.3755)

Conversions

Conversions Part 1

Format	Color
Hex	94B091
RGB	148, 176, 145
RGB Percent	58%, 69%, 57%
CMY	0.4197, 0.3098, 0.4313
CMYK	0.16, 0.00, 0.18, 0.31
HSL	114°, 16%, 63%
HSV	114°, 18%, 69%
XYZ	32.8450, 39.3909, 32.6666
YIQ	164.0940, -6.7370, -15.5770

Conversions

Conversions Part 2

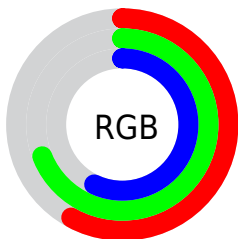
Format	Color
RYB	145, 176, 173
Decimal	9744529
CIELab	69.03, -15.65, 12.72
CIElCh	69, 20.170, 140.901
Yxy	39.3909, 0.3131, 0.3755
Android (android.graphics.Color)	4287934609 (0xFF94B091)
YUV	164.0940, -9.4133, -14.1144
Hunter-Lab	62.7622, -16.4204, 13.0741

Details

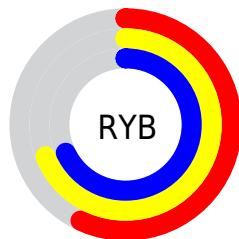
The Yxy color **39.3909, 0.3131, 0.3755** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **32.2828, 0.3118, 0.2858**, and the grayscale version is **37.2179, 0.3127, 0.3290**.

A 20% lighter version of the original color is **74.3933, 0.3130, 0.3665**, and **17.5335, 0.3123, 0.3889** is the 20% darker color. If you saturate the color by 10%, you get **37.5068, 0.3130, 0.4061**, and if you desaturate by 10%, it is **41.5669, 0.3129, 0.3479**.

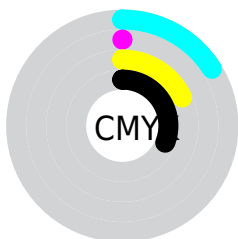
Distribution



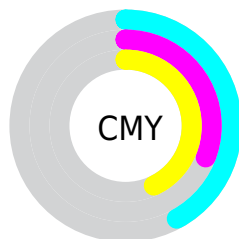
- Red (58%)
- Green (69%)
- Blue (57%)



- Red (57%)
- Yellow (69%)
- Blue (68%)



- Cyan (16%)
- Magenta (0%)
- Yellow (18%)
- Black (31%)





- Cyan (42%)
- Magenta (31%)
- Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 39.3909, 0.3131, 0.3755 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 39.3909, 0.3131, 0.3755 by changing the saturation by 10% instead.


 39.3909, 0.3131,
0.3755


 39.3909, 0.3131,
0.3755


343.5496, 0.3132,
0.3510

 27.0640, 0.3129,
0.3821


 74.2351, 0.3132,
0.3663

 17.6213, 0.3127,
0.3908


 97.5212, 0.3133,
0.3629

 10.6784, 0.3121,
0.4030


125.2290, 0.3133,
0.3601

 5.8510, 0.3110,
0.4210

157.7431, 0.3133,
0.3577

 2.7547, 0.3083,
0.4504

195.4478, 0.3133,
0.3556

 1.0051, 0.3206,
0.5669

238.7275, 0.3133,

 0.0000, 0.0000,

0.3539

0.0000

287.9667, 0.3132,
0.3523

■ 39.3909, 0.3131,
0.3755

■ 39.3909, 0.3131,
0.3755

■ 37.5068, 0.3130,
0.4061

■ 41.5669, 0.3129,
0.3479

■ 35.8974, 0.3126,
0.4392

■ 44.0411, 0.3126,
0.3234

■ 34.5513, 0.3118,
0.4737

■ 46.8260, 0.3122,
0.3020

■ 33.4544, 0.3106,
0.5078

■ 49.9320, 0.3117,
0.2835

■ 32.5914, 0.3089,
0.5392

■ 53.3687, 0.3111,
0.2674

■ 31.9450, 0.3069,
0.5655

■ 57.1457, 0.3106,
0.2535

■ 31.4959, 0.3047,
0.5846

■ 59.5351, 0.3163,
0.2517

■ 31.2188, 0.3026,
0.5960

■ 31.1719, 0.3023,
0.5982

Harmonies

Analogous

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



39.3909, 0.3423, 0.3822



39.3909, 0.3131, 0.3755



39.3909, 0.2847, 0.3542

Triad

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



39.3909, 0.3131, 0.3755



39.3909, 0.2629, 0.2840



39.3909, 0.3633, 0.3288

Complementary

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



39.3909, 0.3131, 0.3755



32.2828, 0.3118, 0.2858

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.



39.3909, 0.3401, 0.3053



39.3909, 0.3131, 0.3755



39.3909, 0.2820, 0.2799

Square

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



39.3909, 0.3131, 0.3755



39.3909, 0.2566, 0.3002



39.3909, 0.3101, 0.2878



39.3909, 0.3722, 0.3535

Rectangle

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



39.3909, 0.3131, 0.3755



39.3909, 0.2699, 0.3355



39.3909, 0.3101, 0.2878



39.3909, 0.3568, 0.3206

Sweetspot

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



39.3926, 0.3131, 0.3755



76.4571, 0.3129, 0.3414



41.1297, 0.3394, 0.3679



16.5052, 0.3129, 0.3432



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.



39.3926, 0.3131, 0.3755



70.0894, 0.3131, 0.3867



39.5250, 0.3008, 0.3567



9.5274, 0.3130, 0.3524



22.8803, 0.3026, 0.5979



0.7325, 0.3130, 0.5897

Inverse Universe

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



32.2828, 0.3118, 0.2858



54.8514, 0.3115, 0.2763



32.1540, 0.3268, 0.3028



8.6049, 0.3123, 0.3065



7.7419, 0.2974, 0.1412



0.2554, 0.3044, 0.1451

Previews

White Background



This preview shows how the Yxy color 39.3909, 0.3131, 0.3755 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 39.3909, 0.3131, 0.3755 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

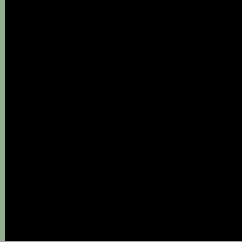
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 39.3909, 0.3131, 0.3755

Background



This preview shows how black text looks on a background with the Yxy color 39.3909, 0.3131, 0.3755.



This preview shows how white text looks on a background with the Yxy color 39.3909, 0.3131, 0.3755.

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

39.3909, 0.3131, 0.3755

Protanopia

39.2755, 0.3451, 0.3669

Deuteranopia

39.1852, 0.3551, 0.3478



Tritanopia

39.4565, 0.2876, 0.3106

Trichromacy



Original Color

39.3909, 0.3131, 0.3755

Protanomaly

39.1858, 0.3329, 0.3709

Deuteranomaly

38.9741, 0.3389, 0.3571

Tritanomaly

39.4648, 0.2968, 0.3333

Monochromacy



Original Color

39.3909, 0.3131, 0.3755

Achromatopsia

37.1238, 0.3127, 0.3290

Achromatomaly

37.7087, 0.3129, 0.3451

CSS Examples

Text

The CSS property to change the color of the text to Yxy 39.3909, 0.3131, 0.3755 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(148, 176, 145)` looks like.

```
.text, #text, p{  
    color:rgb(148, 176, 145)  
}
```

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(148, 176, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 176, 145) }
```

Border

The CSS property to change the border of an element to Yxy 39.3909, 0.3131, 0.3755 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(148, 176, 145) }
```

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

```
.border{ border-color:rgb(148, 176, 145) }
```

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

Here you see how a box with a 4 pixel `rgb(148, 176, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 176, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 176, 145);  
box-shadow:4px 4px 4px 4px rgb(148, 176,  
145) }
```


Background

The CSS property to change the background color of an element to Yxy 39.3909, 0.3131, 0.3755 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 176, 145) }
```

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

```
.background{ background-color: rgb(148,  
176, 145) }
```

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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