

Converting Colors

Yxy(51.4711, 0.3116, 0.3723)

Have a look what the booklet for
Yxy(51.4711, 0.3116, 0.3723)
contains.

Yxy(51.3568, 0.3115, 0.3719)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(51.3568, 0.3115, 0.3719)

Conversions

Conversions Part 1

Format	Color
Hex	A7C6A6
RGB	167, 198, 166
RGB Percent	65%, 78%, 65%
CMY	0.3450, 0.2235, 0.3490
CMYK	0.16, 0.00, 0.16, 0.22
HSL	118°, 22%, 71%
HSV	118°, 16%, 78%
XYZ	43.0160, 51.3568, 43.7203
YIQ	185.0830, -8.2040, -16.5240

Conversions

Conversions Part 2

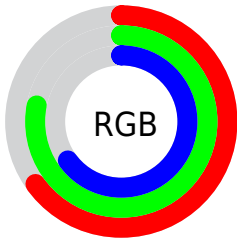
Format	Color
RYB	166, 198, 197
Decimal	10995366
CIELab	76.89, -16.52, 12.61
CIElCh	77, 20.788, 142.643
Yxy	51.3568, 0.3115, 0.3719
Android (android.graphics.Color)	4289185446 (0xFFA7C6A6)
YUV	185.0830, -9.4079, -15.8588
Hunter-Lab	71.6637, -18.2671, 13.9932

Details

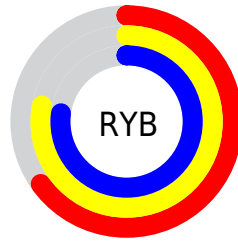
The Yxy color **51.3568, 0.3115, 0.3719** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **43.2163, 0.3137, 0.2893**, and the grayscale version is **48.6238, 0.3127, 0.3290**.

A 20% lighter version of the original color is **92.2701, 0.3117, 0.3643**, and **24.8063, 0.3112, 0.3844** is the 20% darker color. If you saturate the color by 10%, you get **48.7518, 0.3105, 0.4028**, and if you desaturate by 10%, it is **54.3874, 0.3123, 0.3443**.

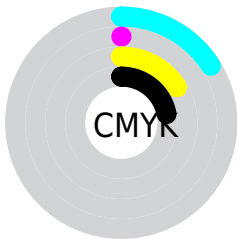
Distribution



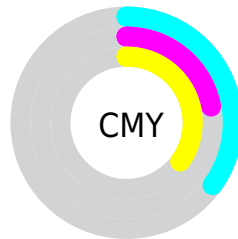
- Red (65%)
- Green (78%)
- Blue (65%)



- Red (65%)
- Yellow (78%)
- Blue (77%)



- Cyan (16%)
- Magenta (0%)
- Yellow (16%)
- Black (22%)




- Cyan (35%)
- Magenta (22%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 51.3568, 0.3115, 0.3719 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 51.3568, 0.3115, 0.3719 by changing the saturation by 10% instead.


 51.3568, 0.3115,
0.3719


 51.3568, 0.3115,
0.3719


391.9484, 0.3124,
0.3502

 36.4926, 0.3112,
0.3774


 92.1820, 0.3119,
0.3640

 24.8149, 0.3107,
0.3845


 118.9118, 0.3120,
0.3610

 15.9392, 0.3101,
0.3939


150.3656, 0.3121,
0.3585

 9.4811, 0.3089,
0.4073

186.9278, 0.3122,
0.3564

 5.0563, 0.3068,
0.4275

228.9828, 0.3123,
0.3545

 2.2803, 0.3024,
0.4614

276.9149, 0.3123,

 0.7633, 0.2968,

0.3529

0.7032

331.1087, 0.3123,
0.3515

0.0000, 0.0000,
0.0000

51.3568, 0.3115,
0.3719

51.3568, 0.3115,
0.3719

48.7518, 0.3105,
0.4028

54.3874, 0.3123,
0.3443

46.5473, 0.3093,
0.4364

57.8547, 0.3129,
0.3201

44.7254, 0.3079,
0.4717

61.7773, 0.3134,
0.2991

43.2642, 0.3064,
0.5068

66.1708, 0.3138,
0.2810

42.1399, 0.3048,
0.5392

68.8683, 0.3153,
0.2732

■ 41.3255, 0.3032,
0.5663

■ 40.7900, 0.3018,
0.5858

■ 40.4957, 0.3008,
0.5967

■ 40.4291, 0.3006,
0.5995

Harmonies

Analogous

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



51.3568, 0.3392, 0.3792



51.3568, 0.3115, 0.3719



51.3568, 0.2849, 0.3513

Triad

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



51.3568, 0.3115, 0.3719



51.3568, 0.2664, 0.2859



51.3568, 0.3613, 0.3303

Complementary

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



51.3568, 0.3115, 0.3719



43.2163, 0.3137, 0.2893

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.



51.3568, 0.3401, 0.3078



51.3568, 0.3115, 0.3719



51.3568, 0.2851, 0.2827

Square

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



51.3568, 0.3115, 0.3719



51.3568, 0.2597, 0.3007



51.3568, 0.3119, 0.2907



51.3568, 0.3688, 0.3535

Rectangle

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



51.3568, 0.3115, 0.3719



51.3568, 0.2713, 0.3336



51.3568, 0.3119, 0.2907



51.3568, 0.3555, 0.3225

Sweetspot

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



51.3590, 0.3115, 0.3719



96.9396, 0.3124, 0.3415



54.6612, 0.3369, 0.3674



20.6605, 0.3123, 0.3433



0.0000, 0.0000, 0.0000



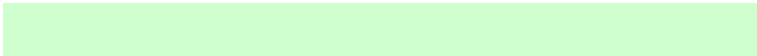
21.4041, 0.3127, 0.3290

Same Dimension

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



51.3590, 0.3115, 0.3719



89.4270, 0.3112, 0.3812



51.8284, 0.3002, 0.3515



11.9037, 0.3121, 0.3528



26.2991, 0.3008, 0.5994



1.2510, 0.3036, 0.5971

Inverse Universe

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



43.2163, 0.3137, 0.2893



72.5957, 0.3138, 0.2815



42.6991, 0.3275, 0.3075



10.7987, 0.3133, 0.3062



9.9195, 0.3130, 0.1498



0.4752, 0.3148, 0.1508

Previews

White Background



This preview shows how the Yxy color 51.3568, 0.3115, 0.3719 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 51.3568, 0.3115, 0.3719 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

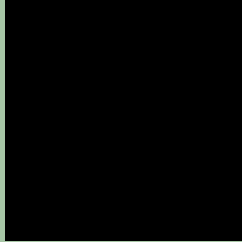
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 51.3568, 0.3115, 0.3719

Background



This preview shows how black text looks on a background with the Yxy color 51.3568, 0.3115, 0.3719.



This preview shows how white text looks on a background with the Yxy color 51.3568, 0.3115, 0.3719.

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

51.3568, 0.3115, 0.3719

Protanopia

51.1105, 0.3433, 0.3642

Deuteranopia

51.1786, 0.3522, 0.3459



Tritanopia

51.2029, 0.2880, 0.3100

Trichromacy



Original Color

51.3568, 0.3115, 0.3719

Protanomaly

50.9084, 0.3308, 0.3665

Deuteranomaly

50.7994, 0.3370, 0.3541

Tritanomaly

51.0473, 0.2962, 0.3315

Monochromacy



Original Color

51.3568, 0.3115, 0.3719

Achromatopsia

48.5150, 0.3127, 0.3290

Achromatomaly

49.5062, 0.3120, 0.3447

CSS Examples

Text

The CSS property to change the color of the text to Yxy 51.3568, 0.3115, 0.3719 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(167, 198, 166)` looks like.

```
.text, #text, p{  
    color:rgb(167, 198, 166)  
}
```

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(167, 198, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 198, 166) }
```

Border

The CSS property to change the border of an element to Yxy 51.3568, 0.3115, 0.3719 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(167, 198, 166) }
```

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

```
.border{ border-color:rgb(167, 198, 166) }
```

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

Here you see how a box with a 4 pixel `rgb(167, 198, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(167, 198, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(167, 198, 166);  
box-shadow:4px 4px 4px 4px rgb(167, 198,  
166) }
```


Background

The CSS property to change the background color of an element to Yxy 51.3568, 0.3115, 0.3719 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 198, 166) }
```

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

```
.background{ background-color: rgb(167,  
198, 166) }
```

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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