

Converting Colors

$Yxy(35.8761, 0.3117, 0.3546)$

Have a look what the booklet for
Yxy(35.8761, 0.3117, 0.3546)
contains.

Yxy(35.8319, 0.3115, 0.3548)	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(35.8319, 0.3115, 0.3548)

Conversions

Conversions Part 1

Format	Color
Hex	95A695
RGB	149, 166, 149
RGB Percent	58%, 65%, 58%
CMY	0.4156, 0.3490, 0.4156
CMYK	0.10, 0.00, 0.10, 0.35
HSL	120°, 9%, 62%
HSV	120°, 10%, 65%
XYZ	31.4590, 35.8319, 33.7010
YIQ	158.9790, -4.6750, -8.8910

Conversions

Conversions Part 2

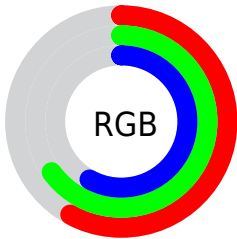
Format	Color
RYB	149, 166, 166
Decimal	9807509
CIELab	66.39, -9.27, 6.77
CIELCh	66, 11.478, 143.876
Yxy	35.8319, 0.3115, 0.3548
Android (android.graphics.Color)	4287997589 (0xFF95A695)
YUV	158.9790, -4.9196, -8.7516
Hunter-Lab	59.8598, -10.9449, 8.5216

Details

The Yxy color **35.8319, 0.3115, 0.3548** is a light color, and the websafe version is hex **999999**. A complement of this color would be **32.3598, 0.3139, 0.3045**, and the grayscale version is **34.6878, 0.3127, 0.3290**.

A 20% lighter version of the original color is **68.7212, 0.3117, 0.3497**, and **15.5131, 0.3111, 0.3640** is the 20% darker color. If you saturate the color by 10%, you get **33.8886, 0.3102, 0.3834**, and if you desaturate by 10%, it is **38.0764, 0.3127, 0.3295**.

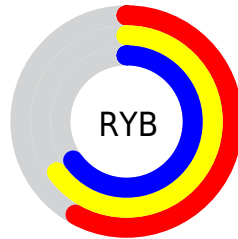
Distribution



Red (58%)

Green (65%)

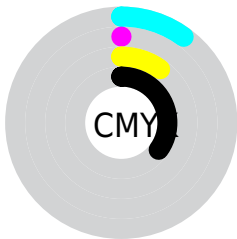
Blue (58%)



Red (58%)

Yellow (65%)

Blue (65%)

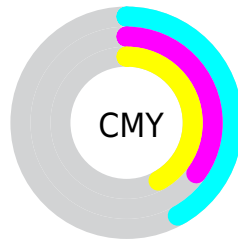


Cyan (10%)

Magenta (0%)

Yellow (10%)

Black (35%)



Cyan (42%)


Magenta (35%)


Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 35.8319, 0.3115, 0.3548 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 35.8319, 0.3115, 0.3548 by changing the saturation by 10% instead.


 35.8319, 0.3115,
0.3548

 35.8319, 0.3115,
0.3548


328.2252, 0.3122,
0.3411

 24.3044, 0.3113,
0.3585


 68.7725, 0.3118,
0.3496

 15.5596, 0.3109,
0.3634


 90.9544, 0.3119,
0.3477

 9.2130, 0.3104,
0.3703


117.4566, 0.3120,
0.3462

 4.8804, 0.3095,
0.3807

148.6635, 0.3121,
0.3449

 2.1773, 0.3078,
0.3980

184.9593, 0.3121,
0.3437

 0.7076, 0.3075,
0.4876

226.7287, 0.3122,

 0.0000, 0.0000,

0.3427

0.0000

274.3558, 0.3122,
0.3419

■ 35.8319, 0.3115,
0.3548

■ 35.8319, 0.3115,
0.3548

■ 33.8886, 0.3102,
0.3834

■ 38.0764, 0.3127,
0.3295

■ 32.2292, 0.3087,
0.4152

■ 40.6292, 0.3137,
0.3076

■ 30.8420, 0.3070,
0.4495


■ 43.5030, 0.3146,
0.2886


■ 29.7124, 0.3054,
0.4848


■ 46.7085, 0.3154,
0.2723


■ 28.8245, 0.3038,
0.5191


■ 50.2558, 0.3161,
0.2583


 28.1607, 0.3023,
0.5498

 54.1545, 0.3166,
0.2464

 27.7010, 0.3012,
0.5742

 55.7516, 0.3168,
0.2422

 27.4220, 0.3004,
0.5906

 27.2718, 0.3000,
0.6000

Harmonies

Analogous

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



35.8319, 0.3288, 0.3599



35.8319, 0.3115, 0.3548



35.8319, 0.2949, 0.3422

Triad

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



35.8319, 0.3115, 0.3548



35.8319, 0.2839, 0.3018



35.8319, 0.3432, 0.3308

Complementary

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



35.8319, 0.3115, 0.3548



32.3598, 0.3139, 0.3045

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.



35.8319, 0.3305, 0.3162



35.8319, 0.3115, 0.3548



35.8319, 0.2962, 0.2997

Square

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



35.8319, 0.3115, 0.3548



35.8319, 0.2792, 0.3112



35.8319, 0.3132, 0.3050



35.8319, 0.3474, 0.3454

Rectangle

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



35.8319, 0.3115, 0.3548



35.8319, 0.2863, 0.3314



35.8319, 0.3132, 0.3050



35.8319, 0.3397, 0.3258

Sweetspot

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



35.8334, 0.3115, 0.3548



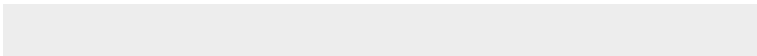
67.9005, 0.3124, 0.3363



37.5489, 0.3276, 0.3536



15.1211, 0.3123, 0.3383



84.8088, 0.3127, 0.3290



15.4872, 0.3127, 0.3290

Same Dimension

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



35.8334, 0.3115, 0.3548



64.2902, 0.3112, 0.3602



36.1145, 0.3043, 0.3417



8.4078, 0.3116, 0.3523



21.1486, 0.3000, 0.6000



0.5146, 0.3000, 0.5998

Inverse Universe

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



32.3598, 0.3139, 0.3045



56.8580, 0.3141, 0.2996



32.0586, 0.3220, 0.3166



7.6666, 0.3138, 0.3068



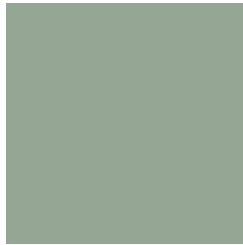
8.4198, 0.3210, 0.1542



0.2049, 0.3210, 0.1542

Previews

White Background



This preview shows how the Yxy color 35.8319, 0.3115, 0.3548 looks on a white background.

Color Contrast Check

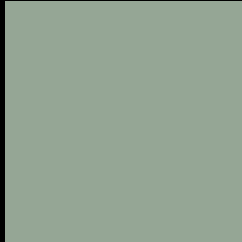
Large Text (above 18pt) WCAG AA × Fail

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 35.8319, 0.3115, 0.3548 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

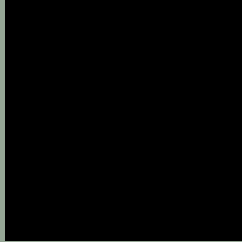
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

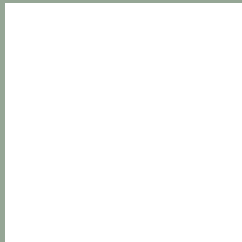
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 35.8319, 0.3115, 0.3548

Background



This preview shows how black text looks on a background with the Yxy color 35.8319, 0.3115, 0.3548.



This preview shows how white text looks on a background with the Yxy color 35.8319, 0.3115, 0.3548.

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

35.8319, 0.3115, 0.3548

Protanopia

35.8899, 0.3332, 0.3508

Deuteranopia

35.7146, 0.3416, 0.3361



Tritanopia

35.7081, 0.2934, 0.3100

Trichromacy



Original Color

35.8319, 0.3115, 0.3548

Protanomaly

35.8780, 0.3250, 0.3527

Deuteranomaly

35.7786, 0.3306, 0.3435

Tritanomaly

35.6230, 0.3000, 0.3245

Monochromacy



Original Color

35.8319, 0.3115, 0.3548

Achromatopsia

34.6704, 0.3127, 0.3290

Achromatomaly

35.1758, 0.3122, 0.3395

CSS Examples

Text

The CSS property to change the color of the text to Yxy 35.8319, 0.3115, 0.3548 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(149, 166, 149)` looks like.

```
.text, #text, p{  
    color:rgb(149, 166, 149)  
}
```

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(149, 166, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 166, 149) }
```

Border

The CSS property to change the border of an element to Yxy 35.8319, 0.3115, 0.3548 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(149, 166, 149) }
```

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

```
.border{ border-color:rgb(149, 166, 149) }
```

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

Here you see how a box with a 4 pixel `rgb(149, 166, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 166, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 166, 149);  
box-shadow:4px 4px 4px 4px rgb(149, 166,  
149) }
```


Background

The CSS property to change the background color of an element to Yxy 35.8319, 0.3115, 0.3548 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 166, 149) }
```

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

```
.background{ background-color: rgb(149,  
166, 149) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor