

Converting Colors

$Yxy(36.2650, 0.3115, 0.3554)$

Have a look what the booklet for
Yxy(36.2650, 0.3115, 0.3554)
contains.

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Color

Yxy(36.3235, 0.3115, 0.3547)

Conversions

Conversions Part 1

Format	Color
Hex	96A796
RGB	150, 167, 150
RGB Percent	59%, 65%, 59%
CMY	0.4118, 0.3451, 0.4118
CMYK	0.10, 0.00, 0.10, 0.35
HSL	120°, 9%, 62%
HSV	120°, 10%, 65%
XYZ	31.8995, 36.3235, 34.1832
YIQ	159.9790, -4.6750, -8.8910

Conversions

Conversions Part 2

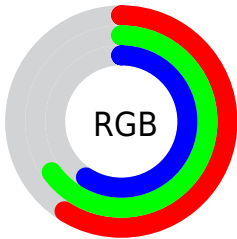
Format	Color
RYB	150, 167, 167
Decimal	9873302
CIELab	66.77, -9.28, 6.77
CIELCh	67, 11.488, 143.886
Yxy	36.3235, 0.3115, 0.3547
Android (android.graphics.Color)	4288063382 (0xFF96A796)
YUV	159.9790, -4.9196, -8.7516
Hunter-Lab	60.2690, -10.9931, 8.5603

Details

The Yxy color **36.3235, 0.3115, 0.3547** is a light color, and the websafe version is hex **999999**. A complement of this color would be **32.8151, 0.3139, 0.3046**, and the grayscale version is **35.1682, 0.3127, 0.3290**.

A 20% lighter version of the original color is **69.4396, 0.3117, 0.3496**, and **15.8150, 0.3111, 0.3637** is the 20% darker color. If you saturate the color by 10%, you get **34.3522, 0.3101, 0.3833**, and if you desaturate by 10%, it is **38.6003, 0.3127, 0.3295**.

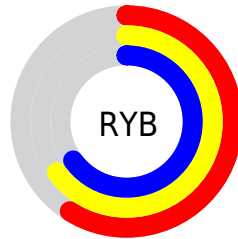
Distribution



Red (59%)

Green (65%)

Blue (59%)



Red (59%)

Yellow (65%)

Blue (65%)

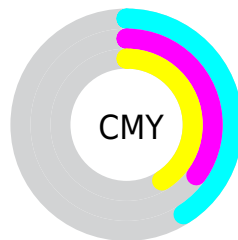


Cyan (10%)

Magenta (0%)

Yellow (10%)

Black (35%)



Cyan (41%)


Magenta (35%)


Yellow (41%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 36.3235, 0.3115, 0.3547 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 36.3235, 0.3115, 0.3547 by changing the saturation by 10% instead.


 36.3235, 0.3115,
0.3547


 36.3235, 0.3115,
0.3547


330.3723, 0.3122,
0.3411

 24.6841, 0.3113,
0.3584


 69.5311, 0.3118,
0.3496

 15.8419, 0.3109,
0.3632


 91.8681, 0.3119,
0.3477

 9.4123, 0.3104,
0.3701


118.5398, 0.3120,
0.3461

 5.0111, 0.3096,
0.3803

149.9306, 0.3121,
0.3448

 2.2538, 0.3079,
0.3972

186.4248, 0.3121,
0.3437

 0.7491, 0.3079,
0.4751

228.4069, 0.3122,

 0.0000, 0.0000,

0.3427

0.0000

276.2613, 0.3122,
0.3419

■ 36.3235, 0.3115,
0.3547

■ 36.3235, 0.3115,
0.3547

■ 34.3522, 0.3101,
0.3833

■ 38.6003, 0.3127,
0.3295

■ 32.6689, 0.3086,
0.4151

■ 41.1900, 0.3137,
0.3075

■ 31.2617, 0.3070,
0.4494

■ 44.1053, 0.3146,
0.2885

■ 30.1158, 0.3054,
0.4847

■ 47.3571, 0.3154,
0.2722

■ 29.2152, 0.3038,
0.5190

■ 50.9555, 0.3161,
0.2583

■ 28.5419, 0.3023,
0.5497

■ 54.9105, 0.3166,
0.2463

■ 28.0756, 0.3012,
0.5742

■ 56.1202, 0.3167,
0.2431

■ 27.7926, 0.3004,
0.5906

■ 27.6404, 0.3000,
0.6000

Harmonies

Analogous

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



36.3235, 0.3288, 0.3598



36.3235, 0.3115, 0.3547



36.3235, 0.2949, 0.3421

Triad

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



36.3235, 0.3115, 0.3547



36.3235, 0.2840, 0.3019



36.3235, 0.3430, 0.3308

Complementary

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



36.3235, 0.3115, 0.3547



32.8151, 0.3139, 0.3046

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.



36.3235, 0.3304, 0.3163



36.3235, 0.3115, 0.3547



36.3235, 0.2962, 0.2998

Square

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



36.3235, 0.3115, 0.3547



36.3235, 0.2793, 0.3113



36.3235, 0.3132, 0.3051



36.3235, 0.3473, 0.3454

Rectangle

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



36.3235, 0.3115, 0.3547



36.3235, 0.2864, 0.3314



36.3235, 0.3132, 0.3051



36.3235, 0.3396, 0.3258

Sweetspot

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



36.3251, 0.3115, 0.3547



67.9006, 0.3124, 0.3363



38.0581, 0.3275, 0.3535



15.1212, 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.



36.3251, 0.3115, 0.3547



64.2905, 0.3112, 0.3602



36.6089, 0.3044, 0.3417



8.4078, 0.3116, 0.3523



21.1487, 0.3000, 0.5999



0.5146, 0.2999, 0.5997

Inverse Universe

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



32.8151, 0.3139, 0.3046



56.8576, 0.3141, 0.2996



32.5110, 0.3220, 0.3166



7.6665, 0.3138, 0.3068



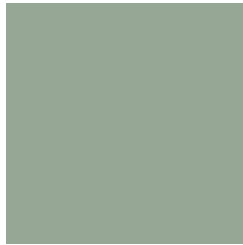
8.4184, 0.3211, 0.1542



0.2048, 0.3210, 0.1542

Previews

White Background



This preview shows how the Yxy color 36.3235, 0.3115, 0.3547 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 36.3235, 0.3115, 0.3547 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

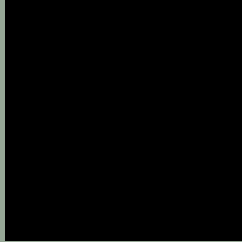
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 36.3235, 0.3115, 0.3547

Background



This preview shows how black text looks on a background with the Yxy color 36.3235, 0.3115, 0.3547.



This preview shows how white text looks on a background with the Yxy color 36.3235, 0.3115, 0.3547.

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

36.3235, 0.3115, 0.3547

Protanopia

36.3823, 0.3330, 0.3507

Deuteranopia

36.3260, 0.3424, 0.3360



Tritanopia

36.1990, 0.2935, 0.3101

Trichromacy



Original Color

36.3235, 0.3115, 0.3547

Protanomaly

36.3704, 0.3249, 0.3526

Deuteranomaly

36.2702, 0.3305, 0.3434

Tritanomaly

36.1132, 0.3001, 0.3246

Monochromacy



Original Color

36.3235, 0.3115, 0.3547

Achromatopsia

35.1533, 0.3127, 0.3290

Achromatomaly

35.6626, 0.3122, 0.3394

CSS Examples

Text

The CSS property to change the color of the text to Yxy 36.3235, 0.3115, 0.3547 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(150, 167, 150)` looks like.

```
.text, #text, p{  
    color:rgb(150, 167, 150)  
}
```

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(150, 167, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 167, 150) }
```

Border

The CSS property to change the border of an element to Yxy 36.3235, 0.3115, 0.3547 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(150, 167, 150) }
```

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

```
.border{ border-color:rgb(150, 167, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(150, 167, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 167, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(150, 167, 150);  
box-shadow:4px 4px 4px 4px rgb(150, 167,  
150) }
```


Background

The CSS property to change the background color of an element to Yxy 36.3235, 0.3115, 0.3547 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 167, 150) }
```

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

```
.background{ background-color: rgb(150,  
167, 150) }
```

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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