

Converting Colors

$Yxy(34.9809, 0.3523, 0.4020)$

Have a look what the booklet for
Yxy(34.9809, 0.3523, 0.4020)
contains.

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Color

Yxy(34.9058, 0.3530, 0.4015)

Conversions

Conversions Part 1

Format	Color
Hex	A0A373
RGB	160, 163, 115
RGB Percent	63%, 64%, 45%
CMY	0.3726, 0.3608, 0.5490
CMYK	0.02, 0.00, 0.29, 0.36
HSL	64°, 21%, 55%
HSV	64°, 29%, 64%
XYZ	30.6893, 34.9058, 21.3434
YIQ	156.6310, 13.6200, -15.5640

Conversions

Conversions Part 2

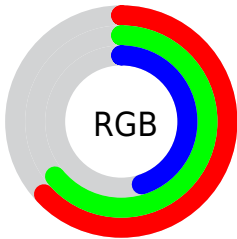
Format	Color
RYB	115, 163, 118
Decimal	10527603
CIELab	65.68, -9.03, 24.64
CIELCh	66, 26.242, 110.124
Yxy	34.9058, 0.3530, 0.4015
Android (android.graphics.Color)	4288717683 (0xFFA0A373)
YUV	156.6310, -20.5241, 2.9546
Hunter-Lab	59.0811, -10.6714, 19.9379

Details

The Yxy color **34.9058, 0.3530, 0.4015** is a light color, and the websafe version is hex **999966**. A complement of this color would be **18.7620, 0.2654, 0.2463**, and the grayscale version is **33.6329, 0.3127, 0.3290**.

A 20% lighter version of the original color is **67.3799, 0.3455, 0.3876**, and **14.9504, 0.3655, 0.4251** is the 20% darker color. If you saturate the color by 10%, you get **34.4598, 0.3662, 0.4259**, and if you desaturate by 10%, it is **35.4221, 0.3393, 0.3765**.

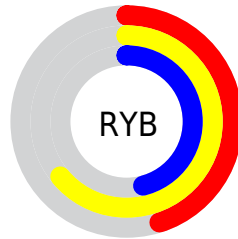
Distribution



Red (63%)

Green (64%)

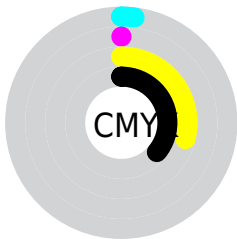
Blue (45%)



Red (45%)

Yellow (64%)

Blue (46%)

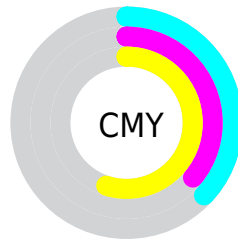


Cyan (2%)

Magenta (0%)

Yellow (29%)

Black (36%)



Cyan (37%)


Magenta (36%)


Yellow (55%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 34.9058, 0.3530, 0.4015 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 34.9058, 0.3530, 0.4015 by changing the saturation by 10% instead.


 34.9058, 0.3530,
0.4015


 34.9058, 0.3530,
0.4015


324.1523, 0.3325,
0.3630

 23.5903, 0.3581,
0.4118


 67.3398, 0.3455,
0.3870

 15.0300, 0.3645,
0.4254


 89.2271, 0.3427,
0.3817

 8.8404, 0.3728,
0.4441


 115.4072, 0.3404,
0.3773

 4.6373, 0.3835,
0.4710

 146.2644, 0.3383,
0.3735

 2.0360, 0.4171,
0.5388

182.1831, 0.3366,
0.3703

 0.6283, 0.3749,
0.6251

223.5477, 0.3351,

 0.0000, 0.0000,

0.3675

0.0000

270.7427, 0.3337,
0.3651

■ 34.9058, 0.3530,
0.4015

■ 34.9058, 0.3530,
0.4015

■ 34.4598, 0.3662,
0.4259

■ 35.4221, 0.3393,
0.3765

■ 34.0761, 0.3783,
0.4488

■ 36.0073, 0.3255,
0.3517

■ 33.7522, 0.3889,
0.4692

■ 36.6660, 0.3120,
0.3277

■ 33.4840, 0.3974,
0.4862

■ 37.4011, 0.2991,
0.3049

■ 33.2667, 0.4034,
0.4993

■ 38.2152, 0.2869,
0.2836

■ 33.0946, 0.4069,
0.5081

■ 39.1109, 0.2756,
0.2640

■ 32.9559, 0.4085,
0.5135

■ 40.0906, 0.2652,
0.2460

■ 32.9483, 0.4085,
0.5138

■ 41.1568, 0.2557,
0.2296

■ 41.8713, 0.2508,
0.2208

Harmonies

Analogous

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



34.9058, 0.3827, 0.3876



34.9058, 0.3530, 0.4015



34.9058, 0.3136, 0.3937

Triad

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



34.9058, 0.3530, 0.4015



34.9058, 0.2381, 0.2901



34.9058, 0.3486, 0.2965

Complementary

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



34.9058, 0.3530, 0.4015



18.7620, 0.2654, 0.2463

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.



34.9058, 0.3076, 0.2739



34.9058, 0.3530, 0.4015



34.9058, 0.2458, 0.2688

Square

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



34.9058, 0.3530, 0.4015



34.9058, 0.2485, 0.3250



34.9058, 0.2705, 0.2637



34.9058, 0.3809, 0.3271

Rectangle

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



34.9058, 0.3530, 0.4015



34.9058, 0.2874, 0.3761



34.9058, 0.2705, 0.2637



34.9058, 0.3353, 0.2879

Sweetspot

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



34.9074, 0.3530, 0.4015



64.5135, 0.3251, 0.3510



21.8442, 0.3752, 0.3330



14.4547, 0.3270, 0.3545



82.7571, 0.3127, 0.3290



14.7319, 0.3127, 0.3290

Same Dimension

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



34.9074, 0.3530, 0.4015



62.0018, 0.3613, 0.4168



32.7193, 0.3293, 0.4074



8.2146, 0.3252, 0.3513



25.6130, 0.4086, 0.5137



0.5445, 0.4128, 0.5105

Inverse Universe

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



18.7620, 0.2654, 0.2463



28.5598, 0.2534, 0.2258



20.6077, 0.2910, 0.2520



6.8801, 0.2996, 0.3058



2.1139, 0.1526, 0.0614



0.0504, 0.1645, 0.0680

Previews

White Background



This preview shows how the Yxy color 34.9058, 0.3530, 0.4015 looks on a white background.

Color Contrast Check

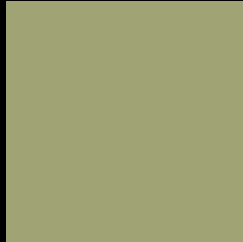
Large Text (above 18pt) WCAG AA × Fail

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 34.9058, 0.3530, 0.4015 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

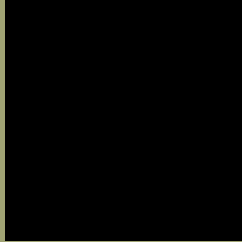
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 34.9058, 0.3530, 0.4015

Background



This preview shows how black text looks on a background with the Yxy color 34.9058, 0.3530, 0.4015.



This preview shows how white text looks on a background with the Yxy color 34.9058, 0.3530, 0.4015.

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

34.9058, 0.3530, 0.4015

Protanopia

34.7592, 0.3690, 0.3960

Deuteranopia

34.8856, 0.3862, 0.3785



Tritanopia

34.8196, 0.3125, 0.3119

Trichromacy



Original Color

34.9058, 0.3530, 0.4015

Protanomaly

34.6813, 0.3634, 0.3969

Deuteranomaly

34.8399, 0.3735, 0.3876

Tritanomaly

34.8587, 0.3267, 0.3437

Monochromacy



Original Color

34.9058, 0.3530, 0.4015

Achromatopsia

33.7164, 0.3127, 0.3290

Achromatomaly

34.0184, 0.3272, 0.3547

CSS Examples

Text

The CSS property to change the color of the text to Yxy 34.9058, 0.3530, 0.4015 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(160, 163, 115)` looks like.

```
.text, #text, p{  
    color:rgb(160, 163, 115)  
}
```

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(160, 163, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(160, 163, 115) }
```

Border

The CSS property to change the border of an element to Yxy 34.9058, 0.3530, 0.4015 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(160, 163, 115) }
```

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

```
.border{ border-color:rgb(160, 163, 115) }
```

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

Here you see how a box with a 4 pixel `rgb(160, 163, 115)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(160, 163, 115); -webkit-box-  
shadow:4px 4px 4px 4px rgb(160, 163, 115);  
box-shadow:4px 4px 4px 4px rgb(160, 163,  
115) }
```


Background

The CSS property to change the background color of an element to Yxy 34.9058, 0.3530, 0.4015 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(160, 163, 115) }
```

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

```
.background{ background-color: rgb(160,  
163, 115) }
```

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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