

Converting Colors

$Yxy(34.7773, 0.3311, 0.3859)$

Have a look what the booklet for
Yxy(34.7773, 0.3311, 0.3859)
contains.

Yxy(34.9528, 0.3308, 0.3863)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(34.9528, 0.3308, 0.3863)

Conversions

Conversions Part 1

Format	Color
Hex	96A580
RGB	150, 165, 128
RGB Percent	59%, 65%, 50%
CMY	0.4117, 0.3529, 0.4980
CMYK	0.09, 0.00, 0.22, 0.35
HSL	84°, 17%, 57%
HSV	84°, 22%, 65%
XYZ	29.9311, 34.9528, 25.5971
YIQ	156.2970, 2.9370, -14.6870

Conversions

Conversions Part 2

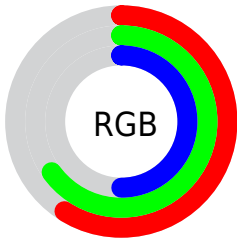
Format	Color
RYB	128, 165, 143
Decimal	9872768
CIELab	65.71, -12.03, 17.45
CIELCh	66, 21.195, 124.597
Yxy	34.9528, 0.3308, 0.3863
Android (android.graphics.Color)	4288062848 (0xFF96A580)
YUV	156.2970, -13.9504, -5.5225
Hunter-Lab	59.1209, -13.0925, 15.7143

Details

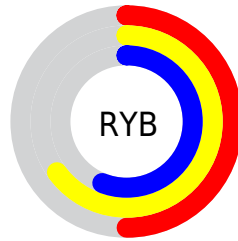
The Yxy color **34.9528, 0.3308, 0.3863** is a light color, and the websafe version is hex **999966**. A complement of this color would be **24.0005, 0.2913, 0.2705**, and the grayscale version is **33.4496, 0.3127, 0.3290**.

A 20% lighter version of the original color is **67.3600, 0.3272, 0.3746**, and **15.0274, 0.3356, 0.4047** is the 20% darker color. If you saturate the color by 10%, you get **33.9378, 0.3384, 0.4141**, and if you desaturate by 10%, it is **36.0777, 0.3228, 0.3597**.

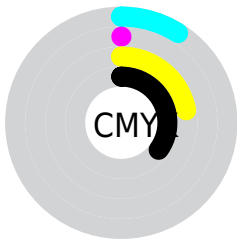
Distribution



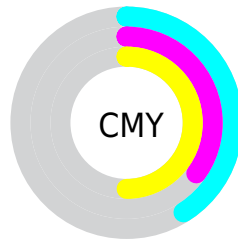
- Red (59%)
- Green (65%)
- Blue (50%)



- Red (50%)
- Yellow (65%)
- Blue (56%)



- Cyan (9%)
- Magenta (0%)
- Yellow (22%)
- Black (35%)




- Cyan (41%)
- Magenta (35%)
- Yellow (50%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 34.9528, 0.3308, 0.3863 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 34.9528, 0.3308, 0.3863 by changing the saturation by 10% instead.


 34.9528, 0.3308,
0.3863


 34.9528, 0.3308,
0.3863


324.3599, 0.3217,
0.3556


 23.6265, 0.3330,
0.3947


 67.4126, 0.3275,
0.3746

 15.0568, 0.3358,
0.4059


 89.3150, 0.3263,
0.3704

 8.8593, 0.3394,
0.4217


 115.5115, 0.3252,
0.3669

 4.6495, 0.3439,
0.4454

146.3865, 0.3243,
0.3639

 2.0431, 0.3515,
0.4876

182.3245, 0.3236,
0.3614

 0.6323, 0.3270,
0.6730

223.7098, 0.3229,

 0.0000, 0.0000,

0.3592

0.0000

270.9268, 0.3223,
0.3573

■ 34.9528, 0.3308,
0.3863

■ 34.9528, 0.3308,
0.3863

■ 33.9378, 0.3384,
0.4141

■ 36.0777, 0.3228,
0.3597

■ 33.0243, 0.3453,
0.4424

■ 37.3117, 0.3147,
0.3347

■ 32.2092, 0.3510,
0.4701

■ 38.6600, 0.3067,
0.3117

■ 31.4881, 0.3550,
0.4961

■ 40.1258, 0.2990,
0.2907

■ 30.8557, 0.3569,
0.5191

■ 41.7125, 0.2918,
0.2717

■ 30.3063, 0.3565,
0.5378

■ 43.4230, 0.2850,
0.2546

■ 29.8329, 0.3539,
0.5516

■ 45.2604, 0.2786,
0.2393

■ 29.5134, 0.3509,
0.5596

■ 46.9001, 0.2760,
0.2300

■ 47.8627, 0.2812,
0.2315

Harmonies

Analogous

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



34.9528, 0.3595, 0.3838



34.9528, 0.3308, 0.3863



34.9528, 0.2982, 0.3710

Triad

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



34.9528, 0.3308, 0.3863



34.9528, 0.2529, 0.2878



34.9528, 0.3558, 0.3143

Complementary

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



34.9528, 0.3308, 0.3863



24.0005, 0.2913, 0.2705

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.



34.9528, 0.3250, 0.2918



34.9528, 0.3308, 0.3863



34.9528, 0.2664, 0.2762

Square

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



34.9528, 0.3308, 0.3863



34.9528, 0.2544, 0.3117



34.9528, 0.2923, 0.2780



34.9528, 0.3748, 0.3411

Rectangle

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



34.9528, 0.3308, 0.3863



34.9528, 0.2788, 0.3530



34.9528, 0.2923, 0.2780



34.9528, 0.3464, 0.3060

Sweetspot

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



34.9543, 0.3308, 0.3863



65.7551, 0.3185, 0.3463



29.1468, 0.3525, 0.3517



14.3489, 0.3189, 0.3476



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.



34.9543, 0.3308, 0.3863



61.6518, 0.3348, 0.4003



33.3522, 0.3133, 0.3895



8.0934, 0.3202, 0.3516



22.3567, 0.3515, 0.5591



0.4963, 0.3767, 0.5391

Inverse Universe

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



24.0005, 0.2913, 0.2705



38.4459, 0.2855, 0.2559



25.7684, 0.3112, 0.2739



6.9936, 0.3047, 0.3062



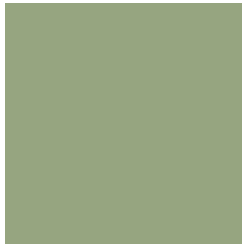
2.9826, 0.1872, 0.0805



0.0899, 0.2305, 0.1044

Previews

White Background



This preview shows how the Yxy color 34.9528, 0.3308, 0.3863 looks on a white background.

Color Contrast Check

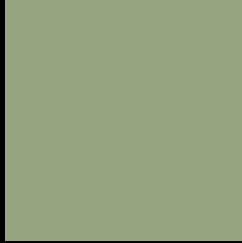
Large Text (above 18pt) WCAG AA × Fail

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 34.9528, 0.3308, 0.3863 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

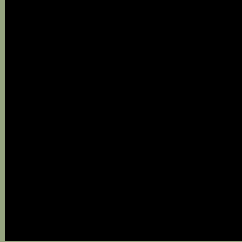
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 34.9528, 0.3308, 0.3863

Background



This preview shows how black text looks on a background with the Yxy color 34.9528, 0.3308, 0.3863.



This preview shows how white text looks on a background with the Yxy color 34.9528, 0.3308, 0.3863.

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

34.9528, 0.3308, 0.3863

Protanopia

34.8230, 0.3556, 0.3789

Deuteranopia

34.7085, 0.3687, 0.3612



Tritanopia

34.8428, 0.2986, 0.3100

Trichromacy



Original Color

34.9528, 0.3308, 0.3863

Protanomaly

34.7826, 0.3467, 0.3815

Deuteranomaly

34.4696, 0.3545, 0.3699

Tritanomaly

34.7601, 0.3105, 0.3365

Monochromacy



Original Color

34.9528, 0.3308, 0.3863

Achromatopsia

33.2452, 0.3127, 0.3290

Achromatomaly

33.7416, 0.3196, 0.3488

CSS Examples

Text

The CSS property to change the color of the text to Yxy 34.9528, 0.3308, 0.3863 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, 165, 128)` looks like.

```
.text, #text, p{  
    color:rgb(150, 165, 128)  
}
```

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, 165, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 165, 128) }
```

Border

The CSS property to change the border of an element to Yxy 34.9528, 0.3308, 0.3863 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, 165, 128) }
```

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

```
.border{ border-color:rgb(150, 165, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(150, 165, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 165, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(150, 165, 128);  
box-shadow:4px 4px 4px 4px rgb(150, 165,  
128) }
```


Background

The CSS property to change the background color of an element to Yxy 34.9528, 0.3308, 0.3863 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 165, 128) }
```

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

```
.background{ background-color: rgb(150,  
165, 128) }
```

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