

Converting Colors

Yxy(35.9324, 0.3127, 0.3154)

Have a look what the booklet for
Yxy(35.9324, 0.3127, 0.3154)
contains.

Yxy(35.9857, 0.3124, 0.3149)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(35.9857, 0.3124, 0.3149)

Conversions

Conversions Part 1

Format	Color
Hex	A89FA9
RGB	168, 159, 169
RGB Percent	66%, 62%, 66%
CMY	0.3413, 0.3764, 0.3373
CMYK	0.01, 0.06, 0.00, 0.34
HSL	294°, 5%, 64%
HSV	294°, 6%, 66%
XYZ	35.7000, 35.9857, 42.5909
YIQ	162.8310, 2.1540, 5.0180

Conversions

Conversions Part 2

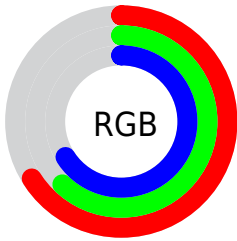
Format	Color
R_{YB}	168, 159, 169
Decimal	11050921
CIE Lab	66.51, 5.11, -4.01
CIE LCh	67, 6.499, 321.890
Yxy	35.9857, 0.3124, 0.3149
Android (android.graphics.Color)	4289241001 (0xFFA89FA9)
YUV	162.8310, 3.0413, 4.5332
Hunter-Lab	59.9881, 1.2495, -0.1036

Details

The Yxy color **35.9857, 0.3124, 0.3149** is a light color, and the websafe version is hex **999999**. A complement of this color would be **38.3508, 0.3130, 0.3434**, and the grayscale version is **36.5247, 0.3127, 0.3290**.

A 20% lighter version of the original color is **69.1629, 0.3125, 0.3182**, and **15.7225, 0.3122, 0.3111** is the 20% darker color. If you saturate the color by 10%, you get **30.3774, 0.3117, 0.2902**, and if you desaturate by 10%, it is **42.3941, 0.3129, 0.3386**.

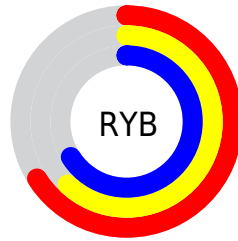
Distribution



Red (66%)

Green (62%)

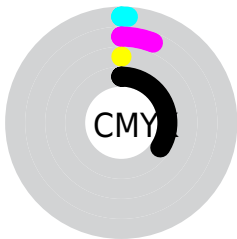
Blue (66%)



Red (66%)

Yellow (62%)

Blue (66%)

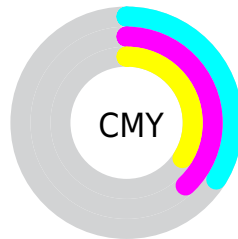


Cyan (1%)

Magenta (6%)

Yellow (0%)

Black (34%)



Cyan (34%)


Magenta (38%)


Yellow (34%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 35.9857, 0.3124, 0.3149 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 35.9857, 0.3124, 0.3149 by changing the saturation by 10% instead.


 35.9857, 0.3124,
0.3149


 35.9857, 0.3124,
0.3149


328.8980, 0.3126,
0.3222

 24.4232, 0.3123,
0.3130


 69.0100, 0.3125,
0.3176

 15.6478, 0.3122,
0.3105


 91.2405, 0.3125,
0.3186

 9.2753, 0.3121,
0.3071


117.7958, 0.3125,
0.3194

 4.9212, 0.3119,
0.3021

149.0603, 0.3126,
0.3202

 2.2011, 0.3115,
0.2943

185.4184, 0.3126,
0.3208

 0.7206, 0.3116,
0.2773

227.2545, 0.3126,

 0.0000, 0.0000,

0.3213


0.0000

274.9529, 0.3126,
0.3218

 35.9857, 0.3124,
0.3149


 35.9857, 0.3124,
0.3149


 30.3774, 0.3117,
0.2902


 42.3941, 0.3129,
0.3386


 25.5327, 0.3107,
0.2650


 49.6283, 0.3132,
0.3608

 21.4188, 0.3094,
0.2400

 57.7185, 0.3133,
0.3815

 17.9989, 0.3078,
0.2161

 66.6918, 0.3133,
0.4005

 15.2331, 0.3060,
0.1942

 76.5743, 0.3133,
0.4178

■ 13.0773, 0.3039,
0.1753

■ 83.8916, 0.3135,
0.4286

■ 11.4818, 0.3015,
0.1601

■ 84.0985, 0.3145,
0.4283

■ 10.3893, 0.2990,
0.1492

■ 84.3081, 0.3156,
0.4280

■ 9.7244, 0.2964,
0.1424

■ 84.5202, 0.3166,
0.4276

Harmonies

Analogous

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



35.9857, 0.3028, 0.3122



35.9857, 0.3124, 0.3149



35.9857, 0.3222, 0.3212

Triad

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



35.9857, 0.3124, 0.3149



35.9857, 0.3297, 0.3442



35.9857, 0.2962, 0.3280

Complementary

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



35.9857, 0.3124, 0.3149



38.3508, 0.3130, 0.3434

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.



35.9857, 0.3032, 0.3370



35.9857, 0.3124, 0.3149



35.9857, 0.3225, 0.3463

Square

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



35.9857, 0.3124, 0.3149



35.9857, 0.3323, 0.3380



35.9857, 0.3128, 0.3437



35.9857, 0.2936, 0.3196

Rectangle

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



35.9857, 0.3124, 0.3149



35.9857, 0.3275, 0.3267



35.9857, 0.3128, 0.3437



35.9857, 0.2981, 0.3311

Sweetspot

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



35.9872, 0.3124, 0.3149



68.7242, 0.3126, 0.3242



35.4415, 0.3039, 0.3162



15.0074, 0.3126, 0.3245



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.



35.9872, 0.3124, 0.3149



63.1549, 0.3123, 0.3119



35.9585, 0.3168, 0.3203



7.8689, 0.3123, 0.3112



7.0993, 0.2957, 0.1402



0.1835, 0.3046, 0.1451

Inverse Universe

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



35.7755, 0.3215, 0.3276



62.7013, 0.3234, 0.3273



38.3806, 0.3088, 0.3379



7.8098, 0.3239, 0.3272



6.3216, 0.6255, 0.3220



0.1575, 0.5707, 0.2918

Previews

White Background



This preview shows how the Yxy color 35.9857, 0.3124, 0.3149 looks on a white background.

Color Contrast Check

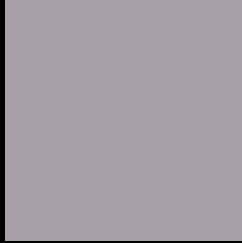
Large Text (above 18pt) WCAG AA × Fail

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 35.9857, 0.3124, 0.3149 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

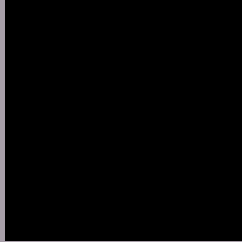
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

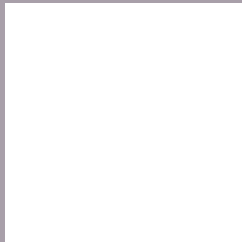
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 35.9857, 0.3124, 0.3149

Background



This preview shows how black text looks on a background with the Yxy color 35.9857, 0.3124, 0.3149.



This preview shows how white text looks on a background with the Yxy color 35.9857, 0.3124, 0.3149.

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

35.9857, 0.3124, 0.3149

Protanopia

36.0734, 0.3058, 0.3161

Deuteranopia

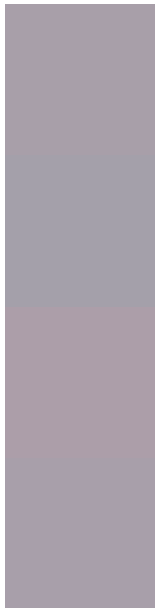
35.9772, 0.3184, 0.3123



Tritanopia

36.0614, 0.3107, 0.3121

Trichromacy



Original Color

35.9857, 0.3124, 0.3149

Protanomaly

35.9364, 0.3077, 0.3147

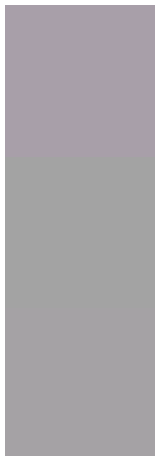
Deuteranomaly

36.0889, 0.3163, 0.3136

Tritanomaly

36.0234, 0.3115, 0.3135

Monochromacy



Original Color

35.9857, 0.3124, 0.3149

Achromatopsia

36.6253, 0.3127, 0.3290

Achromatomaly

36.5566, 0.3129, 0.3247

CSS Examples

Text

The CSS property to change the color of the text to Yxy 35.9857, 0.3124, 0.3149 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(168, 159, 169)` looks like.

```
.text, #text, p{  
    color:rgb(168, 159, 169)  
}
```

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(168, 159, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 159, 169) }
```

Border

The CSS property to change the border of an element to Yxy 35.9857, 0.3124, 0.3149 is called "border". The border property can be set on classes, ids or directly on the HTML element.

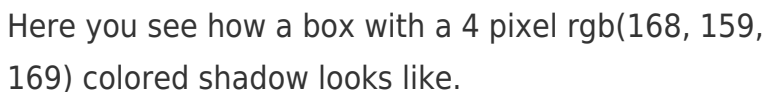
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(168, 159, 169) }
```

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

```
.border{ border-color:rgb(168, 159, 169) }
```

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



Here you see how a box with a 4 pixel `rgb(168, 159, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(168, 159, 169); -webkit-box-shadow:4px 4px 4px 4px rgb(168, 159, 169); box-shadow:4px 4px 4px 4px rgb(168, 159, 169) }
```


Background

The CSS property to change the background color of an element to Yxy 35.9857, 0.3124, 0.3149 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 159, 169) }
```

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

```
.background{ background-color: rgb(168,  
159, 169) }
```

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