

Converting Colors

$Y_{xy}(35.9223, 0.3119, 0.3060)$

Have a look what the booklet for
Yxy(35.9223, 0.3119, 0.3060)
contains.

Yxy(35.9406, 0.3119, 0.3054)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(35.9406, 0.3119, 0.3054)

Conversions

Conversions Part 1

Format	Color
Hex	AC9DAE
RGB	172, 157, 174
RGB Percent	67%, 62%, 68%
CMY	0.3256, 0.3843, 0.3177
CMYK	0.01, 0.10, 0.00, 0.32
HSL	293°, 9%, 65%
HSV	293°, 10%, 68%
XYZ	36.7055, 35.9406, 45.0375
YIQ	163.4230, 3.4830, 8.4670

Conversions

Conversions Part 2

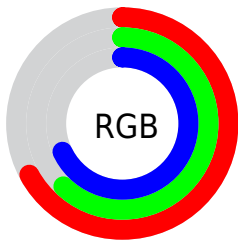
Format	Color
R _Y B	172, 157, 174
Decimal	11312558
CIE Lab	66.47, 8.62, -6.82
CIE LCh	66, 10.990, 321.646
Yxy	35.9406, 0.3119, 0.3054
Android (android.graphics.Color)	4289502638 (0xFFAC9DAE)
YUV	163.4230, 5.2145, 7.5220
Hunter-Lab	59.9505, 4.3759, -2.5760

Details

The Yxy color **35.9406, 0.3119, 0.3054** is a light color, and the websafe version is hex **999999**. A complement of this color would be **40.0724, 0.3133, 0.3535**, and the grayscale version is **36.8093, 0.3127, 0.3290**.

A 20% lighter version of the original color is **69.0750, 0.3121, 0.3108**, and **15.7063, 0.3114, 0.2980** is the 20% darker color. If you saturate the color by 10%, you get **30.2373, 0.3108, 0.2803**, and if you desaturate by 10%, it is **42.4890, 0.3127, 0.3296**.

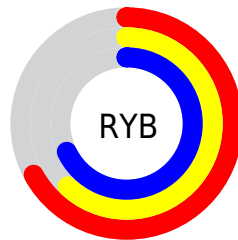
Distribution



Red (67%)

Green (62%)

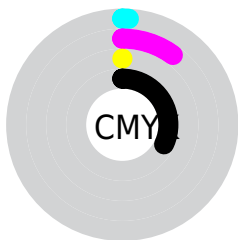
Blue (68%)



Red (67%)

Yellow (62%)

Blue (68%)

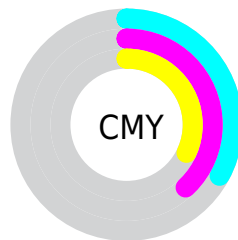


Cyan (1%)

Magenta (10%)

Yellow (0%)

Black (32%)



Cyan (33%)


Magenta (38%)


Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 35.9406, 0.3119, 0.3054 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 35.9406, 0.3119, 0.3054 by changing the saturation by 10% instead.


 35.9406, 0.3119,
0.3054


 35.9406, 0.3119,
0.3054


328.7008, 0.3124,
0.3175

 24.3883, 0.3117,
0.3023


 68.9404, 0.3121,
0.3099

 15.6219, 0.3115,
0.2982


 91.1567, 0.3122,
0.3115

 9.2570, 0.3111,
0.2926


117.6964, 0.3122,
0.3129

 4.9092, 0.3106,
0.2846

148.9440, 0.3123,
0.3141

 2.1941, 0.3095,
0.2722

185.2839, 0.3123,
0.3151

 0.7168, 0.3081,
0.2474

227.1003, 0.3124,

 0.0000, 0.0000,

0.3160

0.0000

274.7779, 0.3124,
0.3168

■ 35.9406, 0.3119,
0.3054

■ 35.9406, 0.3119,
0.3054

■ 30.2373, 0.3108,
0.2803

■ 42.4890, 0.3127,
0.3296

■ 25.3390, 0.3094,
0.2549

■ 49.9109, 0.3133,
0.3524

■ 21.2097, 0.3076,
0.2300

■ 58.2393, 0.3137,
0.3738

■ 17.8085, 0.3055,
0.2065

■ 67.5040, 0.3139,
0.3934

■ 15.0908, 0.3031,
0.1854

■ 77.7334, 0.3140,
0.4113

■ 13.0071, 0.3004,
0.1675

■ 84.8016, 0.3144,
0.4217

■ 11.5013, 0.2975,
0.1536

■ 85.0574, 0.3157,
0.4213

■ 10.5073, 0.2946,
0.1441

■ 85.3168, 0.3169,
0.4210

■ 9.8873, 0.2916,
0.1381

■ 85.5800, 0.3182,
0.4206

Harmonies

Analogous

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



35.9406, 0.2958, 0.3008



35.9406, 0.3119, 0.3054



35.9406, 0.3286, 0.3158

Triad

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



35.9406, 0.3119, 0.3054



35.9406, 0.3415, 0.3545



35.9406, 0.2850, 0.3273

Complementary

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



35.9406, 0.3119, 0.3054



40.0724, 0.3133, 0.3535

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.



35.9406, 0.2967, 0.3426



35.9406, 0.3119, 0.3054



35.9406, 0.3293, 0.3586

Square

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



35.9406, 0.3119, 0.3054



35.9406, 0.3459, 0.3438



35.9406, 0.3128, 0.3543



35.9406, 0.2806, 0.3129

Rectangle

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



35.9406, 0.3119, 0.3054



35.9406, 0.3377, 0.3249



35.9406, 0.3128, 0.3543



35.9406, 0.2882, 0.3325

Sweetspot

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



35.9421, 0.3119, 0.3054



72.9965, 0.3125, 0.3217



35.1158, 0.2978, 0.3077



16.0099, 0.3124, 0.3198



89.0005, 0.3127, 0.3290



17.0645, 0.3127, 0.3290

Same Dimension

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



35.9421, 0.3119, 0.3054



62.5260, 0.3117, 0.2993



35.9332, 0.3195, 0.3140



8.0994, 0.3119, 0.3065



7.1794, 0.2918, 0.1381



0.2130, 0.3012, 0.1433

Inverse Universe

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



35.6186, 0.3276, 0.3262



61.8082, 0.3319, 0.3255



40.0875, 0.3065, 0.3445



8.0301, 0.3268, 0.3264



6.5696, 0.6230, 0.3206



0.1875, 0.5655, 0.2889

Previews

White Background



This preview shows how the Yxy color 35.9406, 0.3119, 0.3054 looks on a white background.

Color Contrast Check

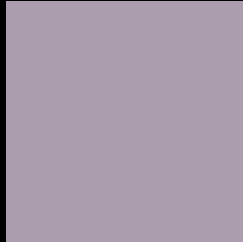
Large Text (above 18pt) WCAG AA × Fail

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 35.9406, 0.3119, 0.3054 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

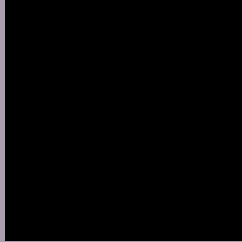
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 35.9406, 0.3119, 0.3054

Background



This preview shows how black text looks on a background with the Yxy color 35.9406, 0.3119, 0.3054.



This preview shows how white text looks on a background with the Yxy color 35.9406, 0.3119, 0.3054.

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

35.9406, 0.3119, 0.3054

Protanopia

36.0979, 0.2989, 0.3076

Deuteranopia

35.9406, 0.3119, 0.3054



Tritanopia

36.0139, 0.3145, 0.3122

Trichromacy



Original Color

35.9406, 0.3119, 0.3054

Protanomaly

36.1293, 0.3034, 0.3077

Deuteranomaly

35.9406, 0.3119, 0.3054

Tritanomaly

36.0519, 0.3136, 0.3108

Monochromacy



Original Color

35.9406, 0.3119, 0.3054

Achromatopsia

36.6253, 0.3127, 0.3290

Achromatomaly

36.3867, 0.3122, 0.3205

CSS Examples

Text

The CSS property to change the color of the text to Yxy 35.9406, 0.3119, 0.3054 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(172, 157, 174)` looks like.

```
.text, #text, p{  
    color:rgb(172, 157, 174)  
}
```

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(172, 157, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 157, 174) }
```

Border

The CSS property to change the border of an element to Yxy 35.9406, 0.3119, 0.3054 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(172, 157, 174) }
```

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

```
.border{ border-color:rgb(172, 157, 174) }
```

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

Here you see how a box with a 4 pixel `rgb(172, 157, 174)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 157, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 157, 174);  
box-shadow:4px 4px 4px 4px rgb(172, 157,  
174) }
```


Background

The CSS property to change the background color of an element to Yxy 35.9406, 0.3119, 0.3054 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 157, 174) }
```

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

```
.background{ background-color: rgb(172,  
157, 174) }
```

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