

Converting Colors

$Y_{xy}(35.8299, 0.3109, 0.3053)$

Have a look what the booklet for
Yxy(35.8299, 0.3109, 0.3053)
contains.

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Color

Yxy(35.8279, 0.3109, 0.3053)

Conversions

Conversions Part 1

Format	Color
Hex	AB9DAE
RGB	171, 157, 174
RGB Percent	67%, 62%, 68%
CMY	0.3296, 0.3842, 0.3176
CMYK	0.02, 0.10, 0.00, 0.32
HSL	289°, 9%, 65%
HSV	289°, 10%, 68%
XYZ	36.4851, 35.8279, 45.0401
YIQ	163.1240, 2.8870, 8.2550

Conversions

Conversions Part 2

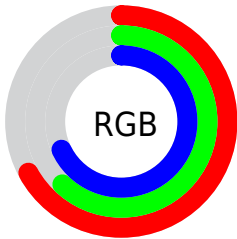
Format	Color
R _Y B	171, 157, 174
Decimal	11247022
CIE Lab	66.39, 8.26, -6.97
CIE LCh	66, 10.808, 319.836
Yxy	35.8279, 0.3109, 0.3053
Android (android.graphics.Color)	4289437102 (0xFFAB9DAE)
YUV	163.1240, 5.3619, 6.9073
Hunter-Lab	59.8564, 4.0548, -2.7144

Details

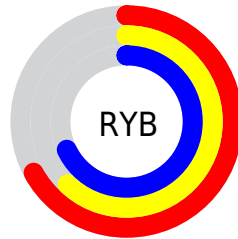
The Yxy color **35.8279, 0.3109, 0.3053** is a light color, and the websafe version is hex **999999**. A complement of this color would be **40.1904, 0.3143, 0.3535**, and the grayscale version is **36.6594, 0.3127, 0.3290**.

A 20% lighter version of the original color is **68.9129, 0.3114, 0.3108**, and **15.6351, 0.3101, 0.2979** is the 20% darker color. If you saturate the color by 10%, you get **30.0074, 0.3086, 0.2800**, and if you desaturate by 10%, it is **42.4983, 0.3128, 0.3296**.

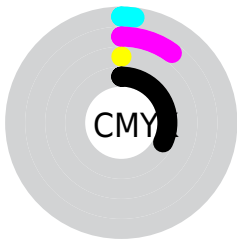
Distribution



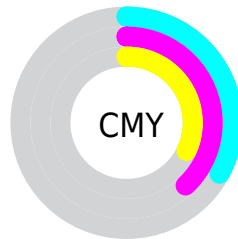
- Red (67%)
- Green (62%)
- Blue (68%)



- Red (67%)
- Yellow (62%)
- Blue (68%)



- Cyan (2%)
- Magenta (10%)
- Yellow (0%)
- Black (32%)





- Cyan (33%)
- Magenta (38%)
- Yellow (32%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 35.8279, 0.3109, 0.3053 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 35.8279, 0.3109, 0.3053 by changing the saturation by 10% instead.


 35.8279, 0.3109,
0.3053


 35.8279, 0.3109,
0.3053


328.2077, 0.3119,
0.3175

 24.3013, 0.3106,
0.3021


 68.7664, 0.3113,
0.3098

 15.5573, 0.3102,
0.2980


 90.9470, 0.3114,
0.3115

 9.2114, 0.3096,
0.2924


117.4478, 0.3116,
0.3129

 4.8793, 0.3086,
0.2844

148.6531, 0.3117,
0.3141

 2.1766, 0.3070,
0.2718

184.9474, 0.3117,
0.3151

 0.7072, 0.3047,
0.2465

226.7150, 0.3118,

 0.0000, 0.0000,

0.3160

0.0000

274.3403, 0.3119,
0.3168

■ 35.8279, 0.3109,
0.3053

■ 35.8279, 0.3109,
0.3053

■ 30.0074, 0.3086,
0.2800

■ 42.4983, 0.3128,
0.3296

■ 24.9970, 0.3058,
0.2541

■ 50.0473, 0.3142,
0.3524

■ 20.7603, 0.3026,
0.2285

■ 58.5078, 0.3153,
0.3735

■ 17.2565, 0.2988,
0.2040

■ 67.9097, 0.3162,
0.3929

■ 14.4409, 0.2947,
0.1817

■ 78.2816, 0.3168,
0.4106

■ 12.2640, 0.2902,
0.1626

■ 85.4844, 0.3177,
0.4207

■ 10.6696, 0.2856,
0.1475

■ 85.8900, 0.3197,
0.4202

■ 9.5914, 0.2809,
0.1367

■ 86.3043, 0.3216,
0.4196

■ 8.8915, 0.2762,
0.1296

■ 86.7273, 0.3236,
0.4191

Harmonies

Analogous

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



35.8279, 0.2953, 0.3012



35.8279, 0.3109, 0.3053



35.8279, 0.3274, 0.3153

Triad

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



35.8279, 0.3109, 0.3053



35.8279, 0.3415, 0.3536



35.8279, 0.2860, 0.3282

Complementary

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



35.8279, 0.3109, 0.3053



40.1904, 0.3143, 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.



35.8279, 0.2978, 0.3433



35.8279, 0.3109, 0.3053



35.8279, 0.3299, 0.3581

Square

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



35.8279, 0.3109, 0.3053



35.8279, 0.3454, 0.3428



35.8279, 0.3139, 0.3544



35.8279, 0.2811, 0.3139

Rectangle

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



35.8279, 0.3109, 0.3053



35.8279, 0.3366, 0.3241



35.8279, 0.3139, 0.3544



35.8279, 0.2892, 0.3334

Sweetspot

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



35.8294, 0.3109, 0.3053



72.9288, 0.3122, 0.3217



35.4137, 0.2978, 0.3089



15.9909, 0.3120, 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.



35.8294, 0.3109, 0.3053



62.2598, 0.3104, 0.2992



35.9700, 0.3187, 0.3128



8.0743, 0.3110, 0.3065



6.4606, 0.2766, 0.1297



0.1984, 0.2909, 0.1376

Inverse Universe

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



35.6599, 0.3266, 0.3247



61.8886, 0.3306, 0.3236



40.0676, 0.3072, 0.3457



8.0380, 0.3259, 0.3250



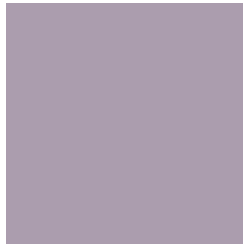
6.6059, 0.6094, 0.3131



0.1906, 0.5349, 0.2720

Previews

White Background



This preview shows how the Yxy color 35.8279, 0.3109, 0.3053 looks on a white background.

Color Contrast Check

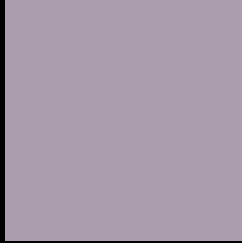
Large Text (above 18pt) WCAG AA × Fail

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 35.8279, 0.3109, 0.3053 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

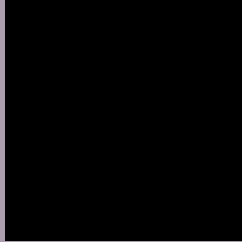
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 35.8279, 0.3109, 0.3053

Background



This preview shows how black text looks on a background with the Yxy color 35.8279, 0.3109, 0.3053.



This preview shows how white text looks on a background with the Yxy color 35.8279, 0.3109, 0.3053.

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

35.8279, 0.3109, 0.3053

Protanopia

35.7498, 0.2989, 0.3061

Deuteranopia

35.8279, 0.3109, 0.3053



Tritanopia

35.9020, 0.3135, 0.3121

Trichromacy



Original Color

35.8279, 0.3109, 0.3053

Protanomaly

35.7839, 0.3034, 0.3063

Deuteranomaly

35.8279, 0.3109, 0.3053

Tritanomaly

35.9400, 0.3126, 0.3108

Monochromacy



Original Color

35.8279, 0.3109, 0.3053

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 35.8279, 0.3109, 0.3053 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(171, 157, 174)` looks like.

```
.text, #text, p{  
    color:rgb(171, 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(171, 157, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 157, 174) }
```

Border

The CSS property to change the border of an element to Yxy 35.8279, 0.3109, 0.3053 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(171, 157, 174) }
```

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

```
.border{ border-color:rgb(171, 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(171, 157, 174) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 157, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 157, 174);  
box-shadow:4px 4px 4px 4px rgb(171, 157,  
174) }
```


Background

The CSS property to change the background color of an element to Yxy 35.8279, 0.3109, 0.3053 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 157, 174) }
```

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

```
.background{ background-color: rgb(171,  
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](#).

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