

Converting Colors

$Y_{xy}(40.0057, 0.3118, 0.3154)$

Have a look what the booklet for
Yxy(40.0057, 0.3118, 0.3154)
contains.

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Color

Yxy(39.9257, 0.3115, 0.3154)

Conversions

Conversions Part 1

Format	Color
Hex	AFA7B1
RGB	175, 167, 177
RGB Percent	69%, 65%, 69%
CMY	0.3138, 0.3451, 0.3058
CMYK	0.01, 0.06, 0.00, 0.31
HSL	288°, 6%, 67%
HSV	288°, 6%, 69%
XYZ	39.4320, 39.9257, 47.2298
YIQ	170.5320, 1.5580, 4.8060

Conversions

Conversions Part 2

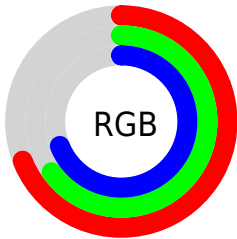
Format	Color
RYB	175, 167, 177
Decimal	11511729
CIELab	69.42, 4.74, -4.13
CIELCh	69, 6.283, 318.944
Yxy	39.9257, 0.3115, 0.3154
Android (android.graphics.Color)	4289701809 (0xFFAFA7B1)
YUV	170.5320, 3.1887, 3.9184
Hunter-Lab	63.1868, 0.8169, -0.0863

Details

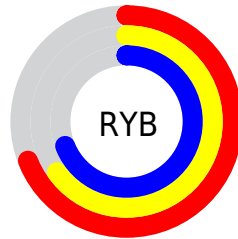
The Yxy color **39.9257, 0.3115, 0.3154** is a light color, and the websafe version is hex **999999**. A complement of this color would be **42.6792, 0.3138, 0.3428**, and the grayscale version is **40.4613, 0.3127, 0.3290**.

A 20% lighter version of the original color is **75.1147, 0.3119, 0.3175**, and **17.9277, 0.3122, 0.3121** is the 20% darker color. If you saturate the color by 10%, you get **33.4693, 0.3090, 0.2904**, and if you desaturate by 10%, it is **47.2844, 0.3136, 0.3391**.

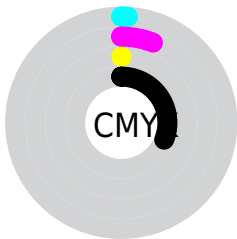
Distribution



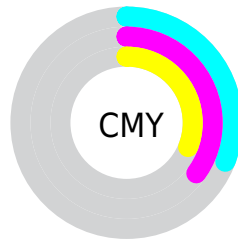
- Red (69%)
- Green (65%)
- Blue (69%)



- Red (69%)
- Yellow (65%)
- Blue (69%)



- Cyan (1%)
- Magenta (6%)
- Yellow (0%)
- Black (31%)





- Cyan (31%)
- Magenta (35%)
- Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 39.9257, 0.3115, 0.3154 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 39.9257, 0.3115, 0.3154 by changing the saturation by 10% instead.

 39.9257, 0.3115,
0.3154


 39.9257, 0.3115,
0.3154


345.8103, 0.3122,
0.3223

 27.4806, 0.3113,
0.3136


 75.0504, 0.3117,
0.3179

 17.9345, 0.3111,
0.3113


 98.4987, 0.3118,
0.3189

 10.9030, 0.3108,
0.3082


126.3836, 0.3119,
0.3197

 6.0016, 0.3103,
0.3038

159.0895, 0.3120,
0.3204

 2.8461, 0.3094,
0.2970

197.0007, 0.3120,
0.3210

 1.0519, 0.3079,
0.2853

240.5016, 0.3121,

 0.0000, 0.1992,

0.3215

0.0000

289.9767, 0.3121,
0.3219

0.0000, 0.0000,
0.0000

39.9257, 0.3115,
0.3154

39.9257, 0.3115,
0.3154

33.4693, 0.3090,
0.2904

47.2844, 0.3136,
0.3391

27.8740, 0.3059,
0.2645

55.5740, 0.3152,
0.3613

23.1033, 0.3023,
0.2384

64.8284, 0.3164,
0.3817

19.1159, 0.2981,
0.2130

75.0782, 0.3174,
0.4003

15.8669, 0.2935,
0.1892

86.0235, 0.3181,
0.4167

■ 13.3069, 0.2885,
0.1682

■ 86.5008, 0.3204,
0.4161

■ 11.3803, 0.2832,
0.1509

■ 86.9897, 0.3226,
0.4155

■ 10.0228, 0.2778,
0.1379

■ 87.4901, 0.3249,
0.4149

■ 9.1529, 0.2725,
0.1293

■ 88.0023, 0.3272,
0.4142

Harmonies

Analogous

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



39.9257, 0.3027, 0.3132



39.9257, 0.3115, 0.3154



39.9257, 0.3207, 0.3210

Triad

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



39.9257, 0.3115, 0.3154



39.9257, 0.3290, 0.3428



39.9257, 0.2978, 0.3290

Complementary

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



39.9257, 0.3115, 0.3154



42.6792, 0.3138, 0.3428

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.



39.9257, 0.3046, 0.3372



39.9257, 0.3115, 0.3154



39.9257, 0.3227, 0.3452

Square

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



39.9257, 0.3115, 0.3154



39.9257, 0.3309, 0.3367



39.9257, 0.3137, 0.3432



39.9257, 0.2949, 0.3209

Rectangle

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



39.9257, 0.3115, 0.3154



39.9257, 0.3259, 0.3261



39.9257, 0.3137, 0.3432



39.9257, 0.2997, 0.3318

Sweetspot

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



39.9274, 0.3115, 0.3154



76.0741, 0.3123, 0.3242



39.8327, 0.3043, 0.3181



16.5176, 0.3123, 0.3244



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.



39.9274, 0.3115, 0.3154



69.7007, 0.3112, 0.3118



40.0521, 0.3158, 0.3193



8.8417, 0.3111, 0.3110



6.4356, 0.2708, 0.1265



0.2246, 0.2856, 0.1347

Inverse Universe

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



39.8550, 0.3202, 0.3263



69.5418, 0.3223, 0.3255



42.5625, 0.3098, 0.3389



8.8206, 0.3228, 0.3253



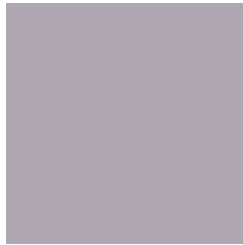
6.8714, 0.6036, 0.3099



0.2244, 0.5292, 0.2689

Previews

White Background



This preview shows how the Yxy color 39.9257, 0.3115, 0.3154 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 39.9257, 0.3115, 0.3154 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

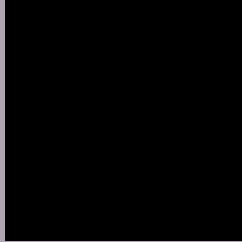
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

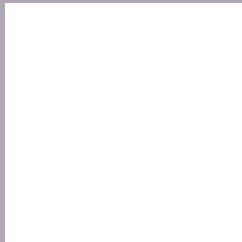
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 39.9257, 0.3115, 0.3154

Background



This preview shows how black text looks on a background with the Yxy color 39.9257, 0.3115, 0.3154.



This preview shows how white text looks on a background with the Yxy color 39.9257, 0.3115, 0.3154.

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

39.9257, 0.3115, 0.3154

Protanopia

40.1363, 0.3061, 0.3166

Deuteranopia

39.7104, 0.3173, 0.3103



Tritanopia

40.0467, 0.3090, 0.3114

Trichromacy



Original Color

39.9257, 0.3115, 0.3154

Protanomaly

39.9903, 0.3079, 0.3153

Deuteranomaly

39.7083, 0.3145, 0.3115

Tritanomaly

40.0061, 0.3098, 0.3127

Monochromacy



Original Color

39.9257, 0.3115, 0.3154

Achromatopsia

40.7240, 0.3127, 0.3290

Achromatomaly

40.5372, 0.3120, 0.3249

CSS Examples

Text

The CSS property to change the color of the text to Yxy 39.9257, 0.3115, 0.3154 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(175, 167, 177)` looks like.

```
.text, #text, p{  
    color:rgb(175, 167, 177)  
}
```

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(175, 167, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 167, 177) }
```

Border

The CSS property to change the border of an element to Yxy 39.9257, 0.3115, 0.3154 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(175, 167, 177) }
```

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

```
.border{ border-color:rgb(175, 167, 177) }
```

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

Here you see how a box with a 4 pixel `rgb(175, 167, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 167, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 167, 177);  
box-shadow:4px 4px 4px 4px rgb(175, 167,  
177) }
```


Background

The CSS property to change the background color of an element to Yxy 39.9257, 0.3115, 0.3154 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 167, 177) }
```

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

```
.background{ background-color: rgb(175,  
167, 177) }
```

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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