

Converting Colors

$Y_{xy}(40.8076, 0.3109, 0.3171)$

Have a look what the booklet for
Yxy(40.8076, 0.3109, 0.3171)
contains.

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Color

Yxy(40.7042, 0.3106, 0.3168)

Conversions

Conversions Part 1

Format	Color
Hex	AFA9B2
RGB	175, 169, 178
RGB Percent	69%, 66%, 70%
CMY	0.3136, 0.3373, 0.3019
CMYK	0.02, 0.05, 0.00, 0.30
HSL	280°, 6%, 68%
HSV	280°, 5%, 70%
XYZ	39.9076, 40.7042, 47.8737
YIQ	171.8200, 0.6870, 4.0710

Conversions

Conversions Part 2

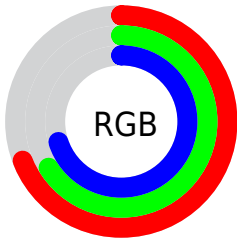
Format	Color
RYB	175, 169, 178
Decimal	11512242
CIELab	69.97, 3.85, -3.86
CIElCh	70, 5.454, 314.947
Yxy	40.7042, 0.3106, 0.3168
Android (android.graphics.Color)	4289702322 (0xFFAFA9B2)
YUV	171.8200, 3.0467, 2.7889
Hunter-Lab	63.7998, 0.0042, 0.1703

Details

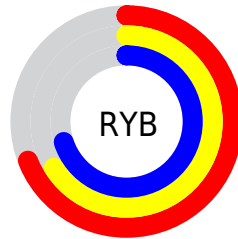
The Yxy color **40.7042, 0.3106, 0.3168** is a light color, and the websafe version is hex **999999**. A complement of this color would be **43.4736, 0.3147, 0.3413**, and the grayscale version is **41.1458, 0.3127, 0.3290**.

A 20% lighter version of the original color is **76.2407, 0.3111, 0.3186**, and **18.4142, 0.3109, 0.3140** is the 20% darker color. If you saturate the color by 10%, you get **33.8621, 0.3058, 0.2915**, and if you desaturate by 10%, it is **48.4811, 0.3146, 0.3405**.

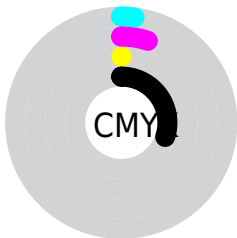
Distribution



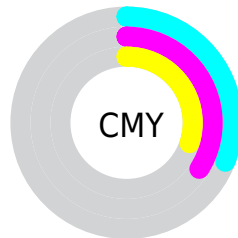
- Red (69%)
- Green (66%)
- Blue (70%)



- Red (69%)
- Yellow (66%)
- Blue (70%)



- Cyan (2%)
- Magenta (5%)
- Yellow (0%)
- Black (30%)



- Cyan (31%)
- Magenta (34%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 40.7042, 0.3106, 0.3168 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 40.7042, 0.3106, 0.3168 by changing the saturation by 10% instead.

■ 40.7042, 0.3106,
0.3168

■ 40.7042, 0.3106,
0.3168

■ 349.0828, 0.3117,
0.3230

■ 28.0880, 0.3103,
0.3152

■ 76.2347, 0.3110,
0.3191

■ 18.3920, 0.3099,
0.3132

■ 99.9177, 0.3112,
0.3199

■ 11.2318, 0.3094,
0.3104

■ 128.0586, 0.3113,
0.3206

■ 6.2230, 0.3086,
0.3065

■ 161.0415, 0.3114,
0.3212

■ 2.9811, 0.3074,
0.3005

■ 199.2510, 0.3115,
0.3218

■ 1.1219, 0.3052,
0.2901

■ 243.0715, 0.3116,


■ 0.0000, 0.2543,


0.3222


0.0000


292.8873, 0.3116,
0.3226


 0.0000, 0.0000,
0.0000


 40.7042, 0.3106,
0.3168


 40.7042, 0.3106,
0.3168


 33.8621, 0.3058,
0.2915


 48.4811, 0.3146,
0.3405

 27.9129, 0.3002,
0.2648


 57.2220, 0.3179,
0.3623


 22.8194, 0.2937,
0.2375

 66.9614, 0.3206,
0.3822

 18.5397, 0.2864,
0.2103

 77.7304, 0.3227,
0.4002

 15.0283, 0.2783,
0.1843

 87.6318, 0.3248,
0.4136

■ 12.2348, 0.2697,
0.1606

■ 88.4806, 0.3286,
0.4126

■ 10.1033, 0.2608,
0.1404

■ 89.3611, 0.3324,
0.4116

■ 8.5686, 0.2519,
0.1246

■ 90.2737, 0.3363,
0.4106

■ 7.5513, 0.2434,
0.1136

■ 91.2187, 0.3402,
0.4096

Harmonies

Analogous

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



40.7042, 0.3032, 0.3154



40.7042, 0.3106, 0.3168



40.7042, 0.3186, 0.3213

Triad

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



40.7042, 0.3106, 0.3168



40.7042, 0.3272, 0.3403



40.7042, 0.3004, 0.3300

Complementary

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



40.7042, 0.3106, 0.3168



43.4736, 0.3147, 0.3413

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.



40.7042, 0.3067, 0.3369



40.7042, 0.3106, 0.3168



40.7042, 0.3222, 0.3429

Square

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



40.7042, 0.3106, 0.3168



40.7042, 0.3283, 0.3348



40.7042, 0.3147, 0.3416



40.7042, 0.2974, 0.3229

Rectangle

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



40.7042, 0.3106, 0.3168



40.7042, 0.3233, 0.3256



40.7042, 0.3147, 0.3416



40.7042, 0.3022, 0.3324

Sweetspot

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



40.7059, 0.3106, 0.3168



77.8999, 0.3119, 0.3242



41.1533, 0.3051, 0.3207



17.2915, 0.3119, 0.3244



91.1408, 0.3127, 0.3290



17.8868, 0.3127, 0.3290

Same Dimension

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



40.7059, 0.3106, 0.3168



72.4421, 0.3101, 0.3142



40.9941, 0.3146, 0.3189



8.9476, 0.3099, 0.3132



5.1520, 0.2402, 0.1097



0.1923, 0.2635, 0.1225

Inverse Universe

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



40.8170, 0.3184, 0.3250



72.6858, 0.3197, 0.3241



43.1976, 0.3109, 0.3393



8.9801, 0.3202, 0.3238



7.0072, 0.5616, 0.2867



0.2315, 0.4820, 0.2429

Previews

White Background



This preview shows how the Yxy color 40.7042, 0.3106, 0.3168 looks on a white background.

Color Contrast Check

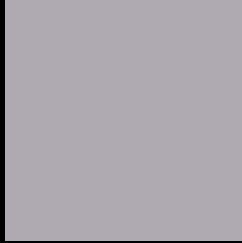
Large Text (above 18pt) WCAG AA × Fail

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 40.7042, 0.3106, 0.3168 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

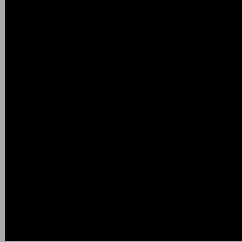
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

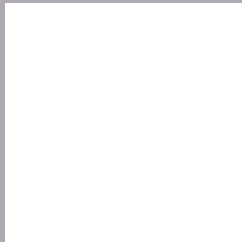
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 40.7042, 0.3106, 0.3168

Background



This preview shows how black text looks on a background with the Yxy color 40.7042, 0.3106, 0.3168.



This preview shows how white text looks on a background with the Yxy color 40.7042, 0.3106, 0.3168.

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

40.7042, 0.3106, 0.3168

Protanopia

40.7748, 0.3070, 0.3167

Deuteranopia

40.7175, 0.3181, 0.3118



Tritanopia

40.6128, 0.3082, 0.3102

Trichromacy



Original Color

40.7042, 0.3106, 0.3168

Protanomaly

40.8884, 0.3079, 0.3168

Deuteranomaly

40.7159, 0.3153, 0.3130

Tritanomaly

40.5716, 0.3090, 0.3115

Monochromacy



Original Color

40.7042, 0.3106, 0.3168

Achromatopsia

41.2543, 0.3127, 0.3290

Achromatomaly

41.0660, 0.3120, 0.3249

CSS Examples

Text

The CSS property to change the color of the text to Yxy 40.7042, 0.3106, 0.3168 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, 169, 178)` looks like.

```
.text, #text, p{  
    color:rgb(175, 169, 178)  
}
```

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, 169, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 169, 178) }
```

Border

The CSS property to change the border of an element to Yxy 40.7042, 0.3106, 0.3168 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, 169, 178) }
```

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

```
.border{ border-color:rgb(175, 169, 178) }
```

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

Here you see how a box with a 4 pixel `rgb(175, 169, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 169, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 169, 178);  
box-shadow:4px 4px 4px 4px rgb(175, 169,  
178) }
```


Background

The CSS property to change the background color of an element to Yxy 40.7042, 0.3106, 0.3168 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 169, 178) }
```

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

```
.background{ background-color: rgb(175,  
169, 178) }
```

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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