

Converting Colors

$Yxy(38.3696, 0.3058, 0.3038)$

Have a look what the booklet for
Yxy(38.3696, 0.3058, 0.3038)
contains.

Yxy(38.4148, 0.3065, 0.3044)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(38.4148, 0.3065, 0.3044)

Conversions

Conversions Part 1

Format	Color
Hex	ADA3B5
RGB	173, 163, 181
RGB Percent	68%, 64%, 71%
CMY	0.3214, 0.3608, 0.2901
CMYK	0.04, 0.10, 0.00, 0.29
HSL	273°, 11%, 67%
HSV	273°, 10%, 71%
XYZ	38.6798, 38.4148, 49.1038
YIQ	168.0420, 0.1820, 7.7180

Conversions

Conversions Part 2

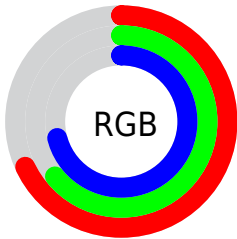
Format	Color
R_{YB}	173, 163, 181
Decimal	11379637
CIE Lab	68.33, 7.06, -7.98
CIE LCh	68, 10.655, 311.464
Yxy	38.4148, 0.3065, 0.3044
Android (android.graphics.Color)	4289569717 (0xFFADA3B5)
YUV	168.0420, 6.3883, 4.3482
Hunter-Lab	61.9797, 2.9325, -3.5871

Details

The Yxy color **38.4148, 0.3065, 0.3044** is a light color, and the websafe version is hex **999999**. A complement of this color would be **44.3552, 0.3184, 0.3538**, and the grayscale version is **39.1512, 0.3127, 0.3290**.

A 20% lighter version of the original color is **72.7512, 0.3073, 0.3090**, and **16.9923, 0.3051, 0.2969** is the 20% darker color. If you saturate the color by 10%, you get **31.5559, 0.2992, 0.2779**, and if you desaturate by 10%, it is **46.2518, 0.3127, 0.3291**.

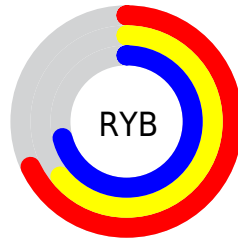
Distribution



Red (68%)

Green (64%)

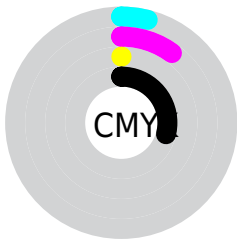
Blue (71%)



Red (68%)

Yellow (64%)

Blue (71%)

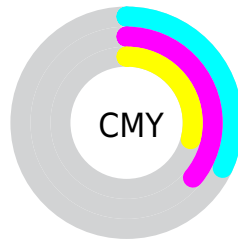


Cyan (4%)

Magenta (10%)

Yellow (0%)

Black (29%)



Cyan (32%)


Magenta (36%)

Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 38.4148, 0.3065, 0.3044 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 38.4148, 0.3065, 0.3044 by changing the saturation by 10% instead.


 38.4148, 0.3065,
0.3044


 38.4148, 0.3065,
0.3044


339.3960, 0.3098,
0.3169

 26.3048, 0.3056,
0.3012


 72.7435, 0.3077,
0.3090

 17.0518, 0.3045,
0.2971


 95.7309, 0.3082,
0.3107

 10.2714, 0.3029,
0.2915


123.1130, 0.3086,
0.3121

 5.5793, 0.3005,
0.2836

155.2740, 0.3089,
0.3134

 2.5910, 0.2966,
0.2714

192.5984, 0.3092,
0.3144

 0.9221, 0.2895,
0.2505

235.4707, 0.3094,

 0.0000, 0.0000,

0.3154

0.0000

284.2751, 0.3096,
0.3162

■ 38.4148, 0.3065,
0.3044

■ 38.4148, 0.3065,
0.3044

■ 31.5559, 0.2992,
0.2779

■ 46.2518, 0.3127,
0.3291

■ 25.6305, 0.2907,
0.2499

■ 55.0996, 0.3180,
0.3517

■ 20.5973, 0.2812,
0.2212

■ 64.9952, 0.3224,
0.3723

■ 16.4105, 0.2706,
0.1928

■ 75.9724, 0.3260,
0.3908

■ 13.0197, 0.2592,
0.1657

■ 88.0635, 0.3289,
0.4074

10.3692, 0.2475,
0.1415

90.2453, 0.3340,
0.4075

8.3955, 0.2358,
0.1213

91.5336, 0.3393,
0.4062

7.0242, 0.2246,
0.1061

92.8827, 0.3446,
0.4048

6.1026, 0.2142,
0.0954

94.2934, 0.3500,
0.4035

Harmonies

Analogous

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



38.4148, 0.2924, 0.3023



38.4148, 0.3065, 0.3044



38.4148, 0.3226, 0.3126

Triad

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



38.4148, 0.3065, 0.3044



38.4148, 0.3424, 0.3503



38.4148, 0.2895, 0.3324

Complementary

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



38.4148, 0.3065, 0.3044



44.3552, 0.3184, 0.3538

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.



38.4148, 0.3024, 0.3463



38.4148, 0.3065, 0.3044



38.4148, 0.3330, 0.3566

Square

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



38.4148, 0.3065, 0.3044



38.4148, 0.3436, 0.3387



38.4148, 0.3183, 0.3552



38.4148, 0.2828, 0.3180

Rectangle

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



38.4148, 0.3065, 0.3044



38.4148, 0.3323, 0.3206



38.4148, 0.3183, 0.3552



38.4148, 0.2933, 0.3373

Sweetspot

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



38.4164, 0.3065, 0.3044



78.2911, 0.3109, 0.3217



40.2874, 0.2975, 0.3152



16.6744, 0.3104, 0.3197



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.



38.4164, 0.3065, 0.3044



65.8859, 0.3050, 0.2986



39.3169, 0.3146, 0.3061



8.4559, 0.3069, 0.3061



4.2453, 0.2153, 0.0960



0.1675, 0.2445, 0.1121

Inverse Universe

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



38.9558, 0.3227, 0.3182



67.0622, 0.3252, 0.3157



43.5186, 0.3108, 0.3530



8.5657, 0.3220, 0.3190



7.1860, 0.5169, 0.2621



0.2379, 0.4487, 0.2246

Previews

White Background



This preview shows how the Yxy color 38.4148, 0.3065, 0.3044 looks on a white background.

Color Contrast Check

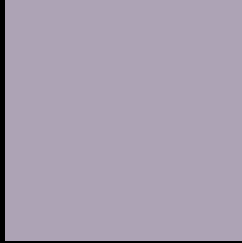
Large Text (above 18pt) WCAG AA × Fail

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 38.4148, 0.3065, 0.3044 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

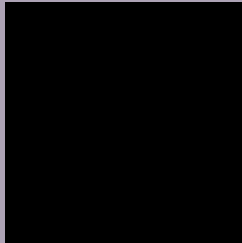
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

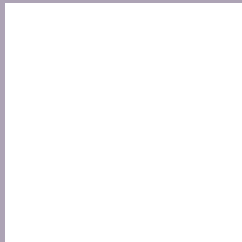
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 38.4148, 0.3065, 0.3044

Background



This preview shows how black text looks on a background with the Yxy color 38.4148, 0.3065, 0.3044.



This preview shows how white text looks on a background with the Yxy color 38.4148, 0.3065, 0.3044.

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

38.4148, 0.3065, 0.3044

Protanopia

38.3285, 0.2976, 0.3040

Deuteranopia

38.4070, 0.3093, 0.3033



Tritanopia

38.4959, 0.3089, 0.3111

Trichromacy



Original Color

38.4148, 0.3065, 0.3044

Protanomaly

38.2531, 0.3011, 0.3042

Deuteranomaly

38.2908, 0.3083, 0.3032

Tritanomaly

38.5359, 0.3081, 0.3098

Monochromacy



Original Color

38.4148, 0.3065, 0.3044

Achromatopsia

39.1572, 0.3127, 0.3290

Achromatomaly

38.8356, 0.3104, 0.3193

CSS Examples

Text

The CSS property to change the color of the text to Yxy 38.4148, 0.3065, 0.3044 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(173, 163, 181)` looks like.

```
.text, #text, p{  
    color:rgb(173, 163, 181)  
}
```

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(173, 163, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 163, 181) }
```

Border

The CSS property to change the border of an element to Yxy 38.4148, 0.3065, 0.3044 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(173, 163, 181) }
```

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

```
.border{ border-color:rgb(173, 163, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 163, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 163, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 163, 181);  
box-shadow:4px 4px 4px 4px rgb(173, 163,  
181) }
```


Background

The CSS property to change the background color of an element to Yxy 38.4148, 0.3065, 0.3044 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 163, 181) }
```

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

```
.background{ background-color: rgb(173,  
163, 181) }
```

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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