

Converting Colors

$Yxy(37.1122, 0.3223, 0.3084)$

Have a look what the booklet for
Yxy(37.1122, 0.3223, 0.3084)
contains.

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Color

Yxy(36.9548, 0.3215, 0.3073)

Conversions

Conversions Part 1

Format	Color
Hex	B59DAD
RGB	181, 157, 173
RGB Percent	71%, 62%, 68%
CMY	0.2901, 0.3843, 0.3215
CMYK	0.00, 0.13, 0.04, 0.29
HSL	320°, 14%, 66%
HSV	320°, 13%, 71%
XYZ	38.6624, 36.9548, 44.6392
YIQ	166.0000, 9.1680, 10.0640

Conversions

Conversions Part 2

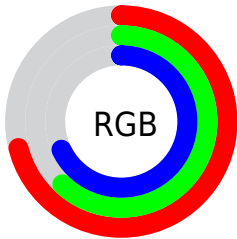
Format	Color
RYB	181, 157, 173
Decimal	11902381
CIELab	67.24, 11.66, -5.05
CIELCh	67, 12.712, 336.575
Yxy	36.9548, 0.3215, 0.3073
Android (android.graphics.Color)	4290092461 (0xFFB59DAD)
YUV	166.0000, 3.4510, 13.1550
Hunter-Lab	60.7905, 7.1418, -0.9841

Details

The Yxy color **36.9548, 0.3215, 0.3073** is a light color, and the websafe version is hex **999999**. A complement of this color would be **42.9445, 0.3049, 0.3517**, and the grayscale version is **38.1155, 0.3127, 0.3290**.

A 20% lighter version of the original color is **70.6929, 0.3201, 0.3123**, and **16.2777, 0.3236, 0.3009** is the 20% darker color. If you saturate the color by 10%, you get **31.0499, 0.3295, 0.2902**, and if you desaturate by 10%, it is **43.7811, 0.3147, 0.3238**.

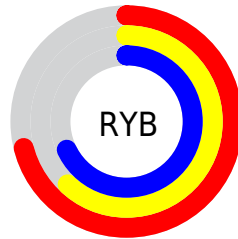
Distribution



Red (71%)

Green (62%)

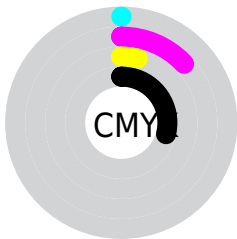
Blue (68%)



Red (71%)

Yellow (62%)

Blue (68%)

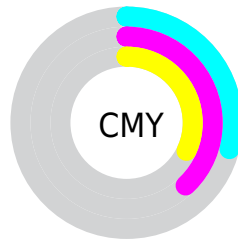


Cyan (0%)

Magenta (13%)

Yellow (4%)

Black (29%)



Cyan (29%)


Magenta (38%)

Yellow (32%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 36.9548, 0.3215, 0.3073 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 36.9548, 0.3215, 0.3073 by changing the saturation by 10% instead.


 36.9548, 0.3215,
0.3073


 36.9548, 0.3215,
0.3073

333.1148, 0.3170,
0.3184

 25.1725, 0.3226,
0.3045


 70.5033, 0.3199,
0.3114

 16.2056, 0.3241,
0.3007


 93.0382, 0.3192,
0.3129

 9.6698, 0.3261,
0.2957


119.9262, 0.3187,
0.3142

 5.1806, 0.3290,
0.2885

151.5515, 0.3183,
0.3153

 2.3536, 0.3334,
0.2774

188.2987, 0.3179,
0.3162

 0.8019, 0.3414,
0.2573

230.5520, 0.3176,

 0.0000, 0.0000,

0.3170

0.0000

278.6959, 0.3173,
0.3178

■ 36.9548, 0.3215,
0.3073

■ 36.9548, 0.3215,
0.3073

■ 31.0499, 0.3295,
0.2902

■ 43.7811, 0.3147,
0.3238

■ 26.0216, 0.3388,
0.2729

■ 51.5614, 0.3090,
0.3394

■ 21.8286, 0.3495,
0.2561

■ 60.3326, 0.3042,
0.3540

■ 18.4246, 0.3615,
0.2405

■ 70.1283, 0.3002,
0.3674

■ 15.7584, 0.3747,
0.2273

■ 80.9804, 0.2969,
0.3799

■ 13.7729, 0.3888,
0.2173

■ 85.9620, 0.2938,
0.3806

■ 12.4025, 0.4033,
0.2118

■ 86.2671, 0.2906,
0.3735

■ 11.5687, 0.4176,
0.2111

■ 86.5835, 0.2875,
0.3665

■ 11.2004, 0.4272,
0.2127

■ 86.9116, 0.2844,
0.3596

Harmonies

Analogous

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



36.9548, 0.3021, 0.2985



36.9548, 0.3215, 0.3073



36.9548, 0.3390, 0.3215

Triad

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



36.9548, 0.3215, 0.3073



36.9548, 0.3396, 0.3617



36.9548, 0.2774, 0.3183

Complementary

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



36.9548, 0.3215, 0.3073



42.9445, 0.3049, 0.3517

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.



36.9548, 0.2868, 0.3360



36.9548, 0.3215, 0.3073



36.9548, 0.3225, 0.3618

Square

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



36.9548, 0.3215, 0.3073



36.9548, 0.3496, 0.3527



36.9548, 0.3032, 0.3523



36.9548, 0.2771, 0.3042

Rectangle

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



36.9548, 0.3215, 0.3073



36.9548, 0.3470, 0.3324



36.9548, 0.3032, 0.3523



36.9548, 0.2796, 0.3240

Sweetspot

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



36.9564, 0.3215, 0.3073



77.3577, 0.3152, 0.3225



35.4055, 0.2988, 0.2952



16.5125, 0.3157, 0.3213



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.



36.9564, 0.3215, 0.3073



62.8344, 0.3238, 0.3022



36.5259, 0.3324, 0.3230



8.5976, 0.3187, 0.3139



7.7317, 0.4255, 0.2118



0.2536, 0.3897, 0.1921

Inverse Universe

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



36.9564, 0.3215, 0.3073



62.8344, 0.3238, 0.3022



43.3871, 0.2961, 0.3351



8.5976, 0.3187, 0.3139



7.7317, 0.4255, 0.2118



0.2536, 0.3897, 0.1921

Previews

White Background



This preview shows how the Yxy color 36.9548, 0.3215, 0.3073 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 36.9548, 0.3215, 0.3073 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

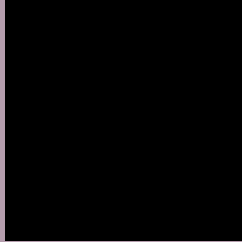
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 36.9548, 0.3215, 0.3073

Background



This preview shows how black text looks on a background with the Yxy color 36.9548, 0.3215, 0.3073.



This preview shows how white text looks on a background with the Yxy color 36.9548, 0.3215, 0.3073.

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

36.9548, 0.3215, 0.3073

Protanopia

37.1552, 0.3008, 0.3092

Deuteranopia

37.0435, 0.3165, 0.3098



Tritanopia

37.1798, 0.3241, 0.3127

Trichromacy



Original Color

36.9548, 0.3215, 0.3073

Protanomaly

37.1704, 0.3081, 0.3082

Deuteranomaly

36.9358, 0.3185, 0.3085

Tritanomaly

37.2178, 0.3232, 0.3114

Monochromacy



Original Color

36.9548, 0.3215, 0.3073

Achromatopsia

38.1326, 0.3127, 0.3290

Achromatomaly

37.7169, 0.3150, 0.3206

CSS Examples

Text

The CSS property to change the color of the text to Yxy 36.9548, 0.3215, 0.3073 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(181, 157, 173)` looks like.

```
.text, #text, p{  
    color:rgb(181, 157, 173)  
}
```

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(181, 157, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 157, 173) }
```

Border

The CSS property to change the border of an element to Yxy 36.9548, 0.3215, 0.3073 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(181, 157, 173) }
```

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

```
.border{ border-color:rgb(181, 157, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 157, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 157, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 157, 173);  
box-shadow:4px 4px 4px 4px rgb(181, 157,  
173) }
```


Background

The CSS property to change the background color of an element to Yxy 36.9548, 0.3215, 0.3073 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 157, 173) }
```

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

```
.background{ background-color: rgb(181,  
157, 173) }
```

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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