

Converting Colors

Yxy(38.3508, 0.3085, 0.3101)

Have a look what the booklet for
Yxy(38.3508, 0.3085, 0.3101)
contains.

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Color

Yxy(38.4959, 0.3089, 0.3111)

Conversions

Conversions Part 1

Format	Color
Hex	ACA4B1
RGB	172, 164, 177
RGB Percent	67%, 64%, 69%
CMY	0.3255, 0.3568, 0.3058
CMYK	0.03, 0.07, 0.00, 0.31
HSL	277°, 8%, 67%
HSV	277°, 7%, 69%
XYZ	38.2237, 38.4959, 47.0217
YIQ	167.8740, 0.5950, 5.7390

Conversions

Conversions Part 2

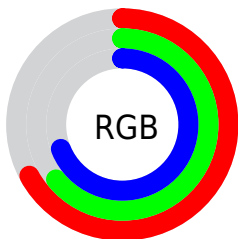
Format	Color
RYB	172, 164, 177
Decimal	11314353
CIELab	68.38, 5.34, -5.68
CIELCh	68, 7.796, 313.203
Yxy	38.4959, 0.3089, 0.3111
Android (android.graphics.Color)	4289504433 (0xFFACA4B1)
YUV	167.8740, 4.4991, 3.6185
Hunter-Lab	62.0451, 1.3884, -1.5022

Details

The Yxy color **38.4959, 0.3089, 0.3111** is a light color, and the websafe version is hex **999999**. A complement of this color would be **42.5732, 0.3163, 0.3471**, and the grayscale version is **39.0706, 0.3127, 0.3290**.

A 20% lighter version of the original color is **72.8771, 0.3092, 0.3142**, and **17.0366, 0.3086, 0.3060** is the 20% darker color. If you saturate the color by 10%, you get **31.8409, 0.3029, 0.2853**, and if you desaturate by 10%, it is **46.0761, 0.3140, 0.3352**.

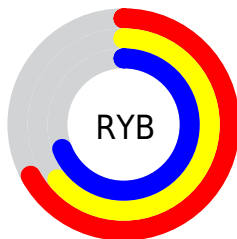
Distribution



Red (67%)

Green (64%)

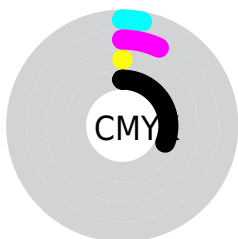
Blue (69%)



Red (67%)

Yellow (64%)

Blue (69%)

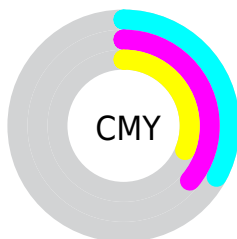


Cyan (3%)

Magenta (7%)

Yellow (0%)

Black (31%)



Cyan (33%)


Magenta (36%)


Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 38.4959, 0.3089, 0.3111 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 38.4959, 0.3089, 0.3111 by changing the saturation by 10% instead.


 38.4959, 0.3089,
0.3111


 38.4959, 0.3089,
0.3111


339.7425, 0.3109,
0.3202

 26.3678, 0.3084,
0.3088


 72.8676, 0.3097,
0.3145

 17.0990, 0.3077,
0.3057


 95.8800, 0.3099,
0.3157

 10.3051, 0.3067,
0.3016


123.2892, 0.3102,
0.3168

 5.6017, 0.3052,
0.2957

155.4797, 0.3104,
0.3177

 2.6044, 0.3029,
0.2865

192.8359, 0.3105,
0.3184

 0.9289, 0.2984,
0.2706

235.7422, 0.3107,

 0.0000, 0.0000,

0.3191

0.0000

284.5829, 0.3108,
0.3197

■ 38.4959, 0.3089,
0.3111

■ 38.4959, 0.3089,
0.3111

■ 31.8409, 0.3029,
0.2853

■ 46.0761, 0.3140,
0.3352

■ 26.0693, 0.2959,
0.2580

■ 54.6111, 0.3182,
0.3573

■ 21.1435, 0.2879,
0.2301

■ 64.1357, 0.3217,
0.3775

■ 17.0210, 0.2790,
0.2023

■ 74.6809, 0.3245,
0.3957

■ 13.6558, 0.2692,
0.1757

■ 86.2768, 0.3269,
0.4121

■ 10.9969, 0.2590,
0.1516

■ 88.8538, 0.3310,
0.4132

■ 8.9869, 0.2486,
0.1313

■ 89.9004, 0.3354,
0.4120

■ 7.5590, 0.2385,
0.1156

■ 90.9908, 0.3400,
0.4108

■ 6.6138, 0.2288,
0.1047

■ 92.1254, 0.3446,
0.4096

Harmonies

Analogous

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



38.4959, 0.2983, 0.3093



38.4959, 0.3089, 0.3111



38.4959, 0.3207, 0.3174

Triad

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



38.4959, 0.3089, 0.3111



38.4959, 0.3341, 0.3451



38.4959, 0.2953, 0.3310

Complementary

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



38.4959, 0.3089, 0.3111



42.5732, 0.3163, 0.3471

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.



38.4959, 0.3046, 0.3410



38.4959, 0.3089, 0.3111



38.4959, 0.3270, 0.3492

Square

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



38.4959, 0.3089, 0.3111



38.4959, 0.3354, 0.3368



38.4959, 0.3162, 0.3478



38.4959, 0.2906, 0.3205

Rectangle

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



38.4959, 0.3089, 0.3111



38.4959, 0.3276, 0.3234



38.4959, 0.3162, 0.3478



38.4959, 0.2980, 0.3345

Sweetspot

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



38.4975, 0.3089, 0.3111



75.9358, 0.3117, 0.3242



39.5236, 0.3016, 0.3181



16.4892, 0.3118, 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.



38.4975, 0.3089, 0.3111



66.6620, 0.3079, 0.3066



39.0265, 0.3147, 0.3131



8.4793, 0.3078, 0.3061



4.6690, 0.2273, 0.1026



0.1793, 0.2538, 0.1172

Inverse Universe

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



38.7692, 0.3205, 0.3221



67.2666, 0.3226, 0.3204



42.0740, 0.3108, 0.3454



8.5579, 0.3228, 0.3202



7.0902, 0.5395, 0.2746



0.2347, 0.4646, 0.2333

Previews

White Background



This preview shows how the Yxy color 38.4959, 0.3089, 0.3111 looks on a white background.

Color Contrast Check

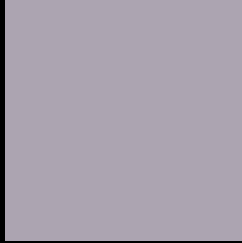
Large Text (above 18pt) WCAG AA × Fail

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 38.4959, 0.3089, 0.3111 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

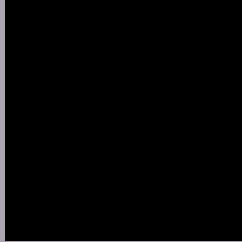
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

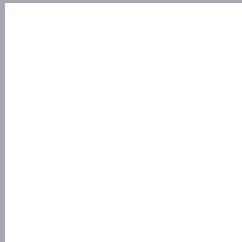
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 38.4959, 0.3089, 0.3111

Background



This preview shows how black text looks on a background with the Yxy color 38.4959, 0.3089, 0.3111.

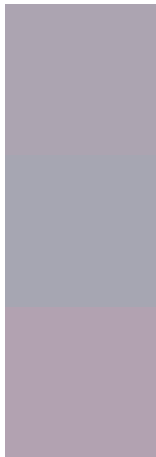


This preview shows how white text looks on a background with the Yxy color 38.4959, 0.3089, 0.3111.

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

38.4959, 0.3089, 0.3111

Protanopia

38.5938, 0.3026, 0.3123

Deuteranopia

38.4800, 0.3146, 0.3087



Tritanopia

38.4959, 0.3089, 0.3111

Trichromacy



Original Color

38.4959, 0.3089, 0.3111

Protanomaly

38.4495, 0.3044, 0.3110

Deuteranomaly

38.5988, 0.3127, 0.3100

Tritanomaly

38.4959, 0.3089, 0.3111

Monochromacy



Original Color

38.4959, 0.3089, 0.3111

Achromatopsia

39.1572, 0.3127, 0.3290

Achromatomaly

39.0127, 0.3111, 0.3234

CSS Examples

Text

The CSS property to change the color of the text to Yxy 38.4959, 0.3089, 0.3111 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(172, 164, 177)` looks like.

```
.text, #text, p{  
    color:rgb(172, 164, 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(172, 164, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 164, 177) }
```

Border

The CSS property to change the border of an element to Yxy 38.4959, 0.3089, 0.3111 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(172, 164, 177) }
```

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

```
.border{ border-color:rgb(172, 164, 177) }
```

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

Here you see how a box with a 4 pixel `rgb(172, 164, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 164, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 164, 177);  
box-shadow:4px 4px 4px 4px rgb(172, 164,  
177) }
```


Background

The CSS property to change the background color of an element to Yxy 38.4959, 0.3089, 0.3111 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 164, 177) }
```

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

```
.background{ background-color: rgb(172,  
164, 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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