

Converting Colors

$Y_{xy}(43.7099, 0.3232, 0.3229)$

Have a look what the booklet for
Yxy(43.7099, 0.3232, 0.3229)
contains.

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Color

Yxy(43.8803, 0.3237, 0.3238)

Conversions

Conversions Part 1

Format	Color
Hex	BDADB1
RGB	189, 173, 177
RGB Percent	74%, 68%, 69%
CMY	0.2589, 0.3216, 0.3058
CMYK	0.00, 0.08, 0.06, 0.26
HSL	345°, 11%, 71%
HSV	345°, 8%, 74%
XYZ	43.8667, 43.8803, 47.7696
YIQ	178.2400, 8.2520, 4.6360

Conversions

Conversions Part 2

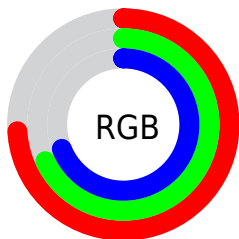
Format	Color
RYB	189, 173, 177
Decimal	12430769
CIELab	72.15, 6.45, 0.01
CIELCh	72, 6.449, 0.081
Yxy	43.8803, 0.3237, 0.3238
Android (android.graphics.Color)	4290620849 (0xFFBDADB1)
YUV	178.2400, -0.6113, 9.4365
Hunter-Lab	66.2422, 2.2820, 3.6134

Details

The Yxy color **43.8803, 0.3237, 0.3238** is a light color, and the websafe version is hex **999999**. A complement of this color would be **48.7780, 0.3028, 0.3343**, and the grayscale version is **44.6559, 0.3127, 0.3290**.

A 20% lighter version of the original color is **80.7825, 0.3213, 0.3240**, and **20.3642, 0.3279, 0.3237** is the 20% darker color. If you saturate the color by 10%, you get **36.6043, 0.3394, 0.3173**, and if you desaturate by 10%, it is **52.2438, 0.3109, 0.3299**.

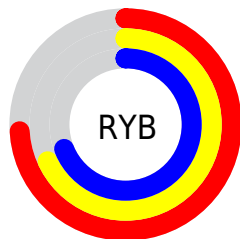
Distribution



Red (74%)

Green (68%)

Blue (69%)



Red (74%)

Yellow (68%)

Blue (69%)

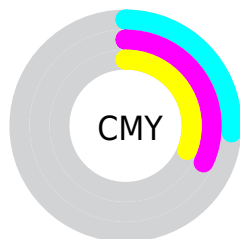


Cyan (0%)

Magenta (8%)

Yellow (6%)

Black (26%)



Cyan (26%)


Magenta (32%)


Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 43.8803, 0.3237, 0.3238 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 43.8803, 0.3237, 0.3238 by changing the saturation by 10% instead.

 43.8803, 0.3237,
0.3238

 43.8803, 0.3237,
0.3238

362.2196, 0.3182,
0.3264

 30.5764, 0.3251,
0.3231


 81.0376, 0.3217,
0.3248

 20.2765, 0.3269,
0.3223


105.6598, 0.3209,
0.3251

 12.5962, 0.3294,
0.3211


134.8236, 0.3203,
0.3254

 7.1511, 0.3328,
0.3195

168.9133, 0.3197,
0.3257

 3.5568, 0.3381,
0.3169

208.3133, 0.3193,
0.3259

 1.4289, 0.3471,
0.3127

253.4082, 0.3188,

 0.2378, 0.4359,

0.3261

0.2704

304.5821, 0.3185,
0.3263

0.0000, 0.0000,
0.0000

43.8803, 0.3237,
0.3238

43.8803, 0.3237,
0.3238

36.6043, 0.3394,
0.3173

52.2438, 0.3109,
0.3299

30.3655, 0.3587,
0.3105

61.7309, 0.3005,
0.3355

25.1181, 0.3823,
0.3037

72.3835, 0.2920,
0.3407

20.8106, 0.4105,
0.2975

84.2392, 0.2851,
0.3454

17.3871, 0.4435,
0.2925

89.0975, 0.2783,
0.3367

■ 14.7852, 0.4804,
0.2897

■ 89.5579, 0.2747,
0.3289

■ 12.9349, 0.5192,
0.2902

■ 11.7540, 0.5564,
0.2947

■ 11.1097, 0.5882,
0.3027

Harmonies

Analogous

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



43.8803, 0.3150, 0.3172



43.8803, 0.3237, 0.3238



43.8803, 0.3295, 0.3318

Triad

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



43.8803, 0.3237, 0.3238



43.8803, 0.3195, 0.3449



43.8803, 0.2951, 0.3185

Complementary

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



43.8803, 0.3237, 0.3238



48.7780, 0.3028, 0.3343

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.



43.8803, 0.2963, 0.3258



43.8803, 0.3237, 0.3238



43.8803, 0.3103, 0.3413

Square

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



43.8803, 0.3237, 0.3238



43.8803, 0.3270, 0.3441



43.8803, 0.3018, 0.3342



43.8803, 0.2985, 0.3141

Rectangle

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



43.8803, 0.3237, 0.3238



43.8803, 0.3308, 0.3369



43.8803, 0.3018, 0.3342



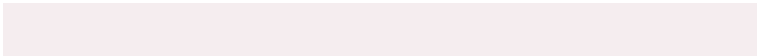
43.8803, 0.2949, 0.3207

Sweetspot

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



43.8822, 0.3237, 0.3238



86.4594, 0.3165, 0.3272



43.8431, 0.3099, 0.3083



18.3328, 0.3175, 0.3267



95.5105, 0.3127, 0.3290



19.5994, 0.3127, 0.3290

Same Dimension

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



43.8822, 0.3237, 0.3238



76.2490, 0.3261, 0.3227



45.1748, 0.3267, 0.3339



9.5748, 0.3250, 0.3232



7.4314, 0.5896, 0.3021



0.3020, 0.5196, 0.2636

Inverse Universe

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



43.8822, 0.3237, 0.3238



76.2490, 0.3261, 0.3227



47.3662, 0.2998, 0.3241



9.5748, 0.3250, 0.3232



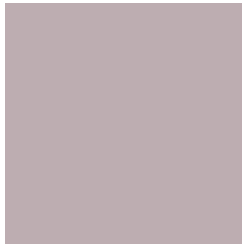
7.4314, 0.5896, 0.3021



0.3020, 0.5196, 0.2636

Previews

White Background



This preview shows how the Yxy color 43.8803, 0.3237, 0.3238 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 43.8803, 0.3237, 0.3238 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

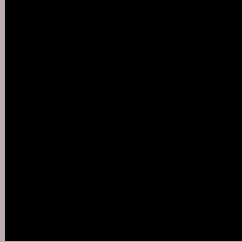
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

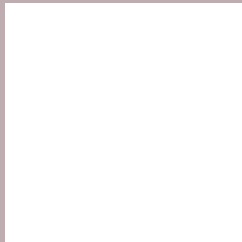
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 43.8803, 0.3237, 0.3238

Background



This preview shows how black text looks on a background with the Yxy color 43.8803, 0.3237, 0.3238.



This preview shows how white text looks on a background with the Yxy color 43.8803, 0.3237, 0.3238.

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

43.8803, 0.3237, 0.3238

Protanopia

43.8890, 0.3129, 0.3250

Deuteranopia

43.7695, 0.3285, 0.3214



Tritanopia

43.9550, 0.3180, 0.3123

Trichromacy



Original Color

43.8803, 0.3237, 0.3238

Protanomaly

43.9416, 0.3173, 0.3251

Deuteranomaly

43.8858, 0.3266, 0.3226

Tritanomaly

43.8296, 0.3205, 0.3162

Monochromacy



Original Color

43.8803, 0.3237, 0.3238

Achromatopsia

44.5201, 0.3127, 0.3290

Achromatomaly

44.2101, 0.3164, 0.3264

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.8803, 0.3237, 0.3238 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(189, 173, 177)` looks like.

```
.text, #text, p{  
    color:rgb(189, 173, 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(189, 173, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 173, 177) }
```

Border

The CSS property to change the border of an element to Yxy 43.8803, 0.3237, 0.3238 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(189, 173, 177) }
```

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

```
.border{ border-color:rgb(189, 173, 177) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 173, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 173, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 173, 177);  
box-shadow:4px 4px 4px 4px rgb(189, 173,  
177) }
```


Background

The CSS property to change the background color of an element to Yxy 43.8803, 0.3237, 0.3238 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 173, 177) }
```

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

```
.background{ background-color: rgb(189,  
173, 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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