

Converting Colors

$Yxy(43.4867, 0.3218, 0.3202)$

Have a look what the booklet for
Yxy(43.4867, 0.3218, 0.3202)
contains.

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Color

Yxy(43.4511, 0.3212, 0.3199)

Conversions

Conversions Part 1

Format	Color
Hex	BCACB3
RGB	188, 172, 179
RGB Percent	74%, 67%, 70%
CMY	0.2628, 0.3255, 0.2979
CMYK	0.00, 0.09, 0.05, 0.26
HSL	334°, 11%, 71%
HSV	334°, 9%, 74%
XYZ	43.6277, 43.4511, 48.7484
YIQ	177.5820, 7.2890, 5.5690

Conversions

Conversions Part 2

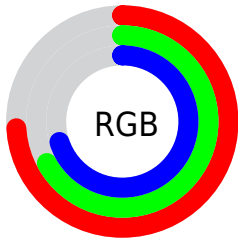
Format	Color
R _Y B	188, 172, 179
Decimal	12364979
CIE Lab	71.86, 6.99, -1.52
CIE LCh	72, 7.151, 347.737
Yxy	43.4511, 0.3212, 0.3199
Android (android.graphics.Color)	4290555059 (0xFFBCACB3)
YUV	177.5820, 0.6991, 9.1366
Hunter-Lab	65.9174, 2.7853, 2.2951

Details

The Yxy color **43.4511, 0.3212, 0.3199** is a light color, and the websafe version is hex **999999**. A complement of this color would be **48.0672, 0.3050, 0.3383**, and the grayscale version is **44.2828, 0.3127, 0.3290**.

A 20% lighter version of the original color is **80.1694, 0.3193, 0.3209**, and **20.0902, 0.3245, 0.3184** is the 20% darker color. If you saturate the color by 10%, you get **36.3855, 0.3331, 0.3086**, and if you desaturate by 10%, it is **51.5653, 0.3114, 0.3306**.

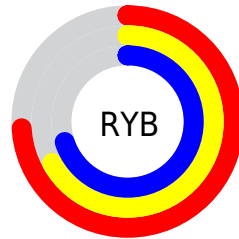
Distribution



Red (74%)

Green (67%)

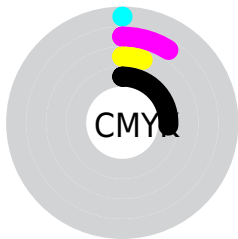
Blue (70%)



Red (74%)

Yellow (67%)

Blue (70%)

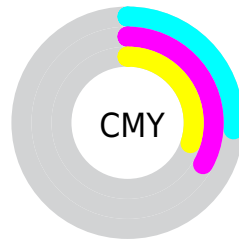


Cyan (0%)

Magenta (9%)

Yellow (5%)

Black (26%)



Cyan (26%)


Magenta (33%)


Yellow (30%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 43.4511, 0.3212, 0.3199 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 43.4511, 0.3212, 0.3199 by changing the saturation by 10% instead.


 43.4511, 0.3212,
0.3199

 43.4511, 0.3212,
0.3199


360.4636, 0.3169,
0.3245

 30.2392, 0.3223,
0.3187


 80.3911, 0.3196,
0.3216

 20.0202, 0.3237,
0.3173


104.8881, 0.3191,
0.3222

 12.4098, 0.3255,
0.3153


133.9155, 0.3186,
0.3227

 7.0234, 0.3282,
0.3125

167.8578, 0.3181,
0.3232

 3.4767, 0.3322,
0.3082

207.0994, 0.3178,
0.3236

 1.3854, 0.3391,
0.3011

252.0246, 0.3175,

 0.2059, 0.4058,

0.3239

0.2281

303.0179, 0.3172,
0.3242

0.0000, 0.0000,
0.0000

43.4511, 0.3212,
0.3199

43.4511, 0.3212,
0.3199

36.3855, 0.3331,
0.3086

51.5653, 0.3114,
0.3306

30.3199, 0.3475,
0.2969

60.7628, 0.3033,
0.3405

25.2101, 0.3647,
0.2852

71.0840, 0.2966,
0.3496

21.0065, 0.3850,
0.2742

82.5652, 0.2911,
0.3580

17.6549, 0.4084,
0.2646

88.0208, 0.2859,
0.3543

■ 15.0955, 0.4345,
0.2577

■ 88.6371, 0.2805,
0.3426

■ 13.2602, 0.4625,
0.2548

■ 89.2899, 0.2752,
0.3312

■ 12.0697, 0.4907,
0.2568

■ 89.4297, 0.2742,
0.3289

■ 11.3934, 0.5178,
0.2637

Harmonies

Analogous

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



43.4511, 0.3109, 0.3138



43.4511, 0.3212, 0.3199



43.4511, 0.3293, 0.3284

Triad

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



43.4511, 0.3212, 0.3199



43.4511, 0.3241, 0.3469



43.4511, 0.2930, 0.3203

Complementary

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



43.4511, 0.3212, 0.3199



48.0672, 0.3050, 0.3383

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.



43.4511, 0.2964, 0.3293



43.4511, 0.3212, 0.3199



43.4511, 0.3142, 0.3449

Square

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



43.4511, 0.3212, 0.3199



43.4511, 0.3309, 0.3440



43.4511, 0.3041, 0.3384



43.4511, 0.2948, 0.3139

Rectangle

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



43.4511, 0.3212, 0.3199



43.4511, 0.3322, 0.3344



43.4511, 0.3041, 0.3384



43.4511, 0.2936, 0.3232

Sweetspot

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



43.4530, 0.3212, 0.3199



86.5412, 0.3156, 0.3258



42.9369, 0.3074, 0.3081



18.3549, 0.3164, 0.3249



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.



43.4530, 0.3212, 0.3199



76.5047, 0.3230, 0.3181



43.4812, 0.3271, 0.3301



9.6041, 0.3221, 0.3190



7.7144, 0.5188, 0.2632



0.3153, 0.4597, 0.2306

Inverse Universe

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



43.4530, 0.3212, 0.3199



76.5047, 0.3230, 0.3181



48.0221, 0.2998, 0.3279



9.6041, 0.3221, 0.3190



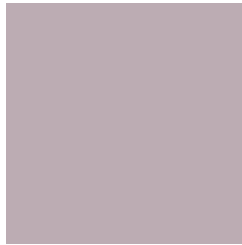
7.7144, 0.5188, 0.2632



0.3153, 0.4597, 0.2306

Previews

White Background



This preview shows how the Yxy color 43.4511, 0.3212, 0.3199 looks on a white background.

Color Contrast Check

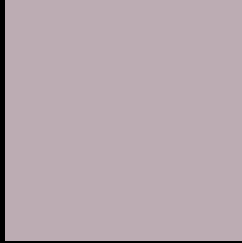
Large Text (above 18pt) WCAG AA × Fail

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 43.4511, 0.3212, 0.3199 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

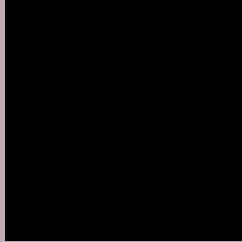
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 43.4511, 0.3212, 0.3199

Background



This preview shows how black text looks on a background with the Yxy color 43.4511, 0.3212, 0.3199.



This preview shows how white text looks on a background with the Yxy color 43.4511, 0.3212, 0.3199.

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

43.4511, 0.3212, 0.3199

Protanopia

43.4611, 0.3105, 0.3210

Deuteranopia

43.5870, 0.3250, 0.3187



Tritanopia

43.4474, 0.3171, 0.3110

Trichromacy



Original Color

43.4511, 0.3212, 0.3199

Protanomaly

43.5125, 0.3149, 0.3211

Deuteranomaly

43.4569, 0.3241, 0.3187

Tritanomaly

43.3635, 0.3188, 0.3135

Monochromacy



Original Color

43.4511, 0.3212, 0.3199

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 43.4511, 0.3212, 0.3199 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(188, 172, 179)` looks like.

```
.text, #text, p{  
    color:rgb(188, 172, 179)  
}
```

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(188, 172, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 172, 179) }
```

Border

The CSS property to change the border of an element to Yxy 43.4511, 0.3212, 0.3199 is called "border". The border property can be set on classes, ids or directly on the HTML element.

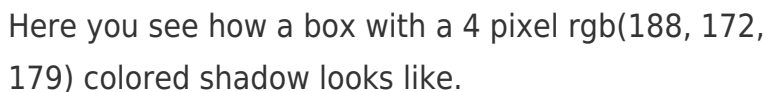
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(188, 172, 179) }
```

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

```
.border{ border-color:rgb(188, 172, 179) }
```

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



Here you see how a box with a 4 pixel `rgb(188, 172, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 172, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 172, 179);  
box-shadow:4px 4px 4px 4px rgb(188, 172,  
179) }
```


Background

The CSS property to change the background color of an element to Yxy 43.4511, 0.3212, 0.3199 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 172, 179) }
```

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

```
.background{ background-color: rgb(188,  
172, 179) }
```

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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