

Converting Colors

$Yxy(43.8493, 0.3215, 0.3202)$

Have a look what the booklet for
Yxy(43.8493, 0.3215, 0.3202)
contains.

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Color

Yxy(44.0012, 0.3212, 0.3200)

Conversions

Conversions Part 1

Format	Color
Hex	BDADB4
RGB	189, 173, 180
RGB Percent	74%, 68%, 71%
CMY	0.2588, 0.3215, 0.2942
CMYK	0.00, 0.08, 0.05, 0.26
HSL	334°, 11%, 71%
HSV	334°, 8%, 74%
XYZ	44.1662, 44.0012, 49.3363
YIQ	178.5820, 7.2890, 5.5690

Conversions

Conversions Part 2

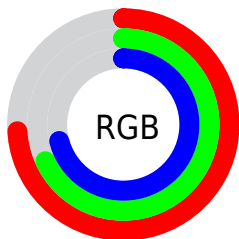
Format	Color
RYB	189, 173, 180
Decimal	12430772
CIELab	72.23, 6.98, -1.50
CIELCh	72, 7.136, 347.906
Yxy	44.0012, 0.3212, 0.3200
Android (android.graphics.Color)	4290620852 (0xFFBDADB4)
YUV	178.5820, 0.6991, 9.1366
Hunter-Lab	66.3334, 2.7657, 2.3357

Details

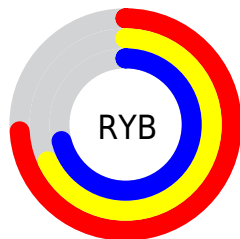
The Yxy color **44.0012, 0.3212, 0.3200** is a light color, and the websafe version is hex **999999**. A complement of this color would be **48.6579, 0.3050, 0.3382**, and the grayscale version is **44.8391, 0.3127, 0.3290**.

A 20% lighter version of the original color is **80.9554, 0.3193, 0.3210**, and **20.4413, 0.3244, 0.3185** is the 20% darker color. If you saturate the color by 10%, you get **36.8422, 0.3332, 0.3088**, and if you desaturate by 10%, it is **52.2227, 0.3113, 0.3306**.

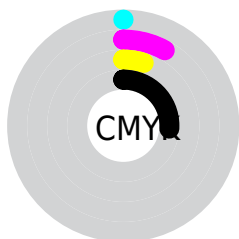
Distribution



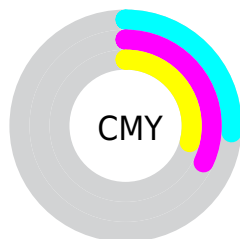
- Red (74%)
- Green (68%)
- Blue (71%)



- Red (74%)
- Yellow (68%)
- Blue (71%)



- Cyan (0%)
- Magenta (8%)
- Yellow (5%)
- Black (26%)



- Cyan (26%)
- Magenta (32%)
- Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 44.0012, 0.3212, 0.3200 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 44.0012, 0.3212, 0.3200 by changing the saturation by 10% instead.


 44.0012, 0.3212,
0.3200

 44.0012, 0.3212,
0.3200


362.7132, 0.3169,
0.3245

 30.6715, 0.3223,
0.3189


 81.2195, 0.3196,
0.3217

 20.3488, 0.3237,
0.3174

105.8769, 0.3191,
0.3223

 12.6488, 0.3255,
0.3154

135.0790, 0.3186,
0.3228

 7.1872, 0.3281,
0.3127

169.2101, 0.3181,
0.3232

 3.5794, 0.3321,
0.3085

208.6547, 0.3178,
0.3236

 1.4412, 0.3388,
0.3016

253.7972, 0.3175,

 0.2468, 0.3950,

0.3240

0.2408

305.0218, 0.3172,
0.3243

0.0000, 0.0000,
0.0000

44.0012, 0.3212,
0.3200

44.0012, 0.3212,
0.3200

36.8422, 0.3332,
0.3088

52.2227, 0.3113,
0.3306

30.6965, 0.3476,
0.2972

61.5420, 0.3032,
0.3404

25.5193, 0.3649,
0.2856

71.9998, 0.2965,
0.3495

21.2603, 0.3853,
0.2745

83.6330, 0.2910,
0.3578

17.8648, 0.4089,
0.2650

88.2362, 0.2857,
0.3526

■ 15.2719, 0.4352,
0.2582

■ 88.8645, 0.2802,
0.3408

■ 13.4128, 0.4633,
0.2553

■ 89.5302, 0.2749,
0.3294

■ 12.2070, 0.4918,
0.2574

■ 89.5586, 0.2747,
0.3289

■ 11.5235, 0.5190,
0.2644

Harmonies

Analogous

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



44.0012, 0.3110, 0.3139



44.0012, 0.3212, 0.3200



44.0012, 0.3292, 0.3284

Triad

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



44.0012, 0.3212, 0.3200



44.0012, 0.3239, 0.3468



44.0012, 0.2931, 0.3203

Complementary

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



44.0012, 0.3212, 0.3200



48.6579, 0.3050, 0.3382

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.



44.0012, 0.2965, 0.3293



44.0012, 0.3212, 0.3200



44.0012, 0.3142, 0.3448

Square

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



44.0012, 0.3212, 0.3200



44.0012, 0.3308, 0.3439



44.0012, 0.3041, 0.3383



44.0012, 0.2949, 0.3140

Rectangle

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



44.0012, 0.3212, 0.3200



44.0012, 0.3321, 0.3344



44.0012, 0.3041, 0.3383



44.0012, 0.2937, 0.3231

Sweetspot

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



44.0031, 0.3212, 0.3200



86.5399, 0.3156, 0.3258



43.4849, 0.3074, 0.3082



18.3545, 0.3164, 0.3250



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.



44.0031, 0.3212, 0.3200



76.5006, 0.3231, 0.3181



44.0335, 0.3270, 0.3301



9.6037, 0.3222, 0.3190



7.7087, 0.5200, 0.2638



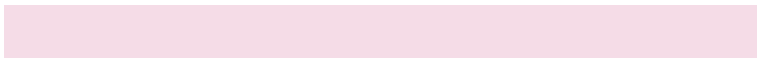
0.3151, 0.4606, 0.2311

Inverse Universe

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



44.0031, 0.3212, 0.3200



76.5006, 0.3231, 0.3181



48.6106, 0.2998, 0.3279



9.6037, 0.3222, 0.3190



7.7087, 0.5200, 0.2638



0.3151, 0.4606, 0.2311

Previews

White Background



This preview shows how the Yxy color 44.0012, 0.3212, 0.3200 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 44.0012, 0.3212, 0.3200 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 44.0012, 0.3212, 0.3200

Background



This preview shows how black text looks on a background with the Yxy color 44.0012, 0.3212, 0.3200.



This preview shows how white text looks on a background with the Yxy color 44.0012, 0.3212, 0.3200.

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

44.0012, 0.3212, 0.3200

Protanopia

44.0118, 0.3105, 0.3211

Deuteranopia

44.1378, 0.3249, 0.3188



Tritanopia

43.9974, 0.3171, 0.3111

Trichromacy



Original Color

44.0012, 0.3212, 0.3200

Protanomaly

44.0634, 0.3148, 0.3211

Deuteranomaly

44.0068, 0.3240, 0.3188

Tritanomaly

43.9129, 0.3188, 0.3136

Monochromacy



Original Color

44.0012, 0.3212, 0.3200

Achromatopsia

45.0786, 0.3127, 0.3290

Achromatomaly

44.7662, 0.3163, 0.3264

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.0012, 0.3212, 0.3200 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, 180)` looks like.

```
.text, #text, p{  
    color:rgb(189, 173, 180)  
}
```

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, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 173, 180) }
```

Border

The CSS property to change the border of an element to Yxy 44.0012, 0.3212, 0.3200 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, 180) }
```

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

```
.border{ border-color:rgb(189, 173, 180) }
```

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, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 173, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 173, 180);  
box-shadow:4px 4px 4px 4px rgb(189, 173,  
180) }
```


Background

The CSS property to change the background color of an element to Yxy 44.0012, 0.3212, 0.3200 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, 180) }
```

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

```
.background{ background-color: rgb(189,  
173, 180) }
```

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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