

Converting Colors

$Yxy(43.7486, 0.3204, 0.3213)$

Have a look what the booklet for
Yxy(43.7486, 0.3204, 0.3213)
contains.

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Color

Yxy(43.7066, 0.3202, 0.3212)

Conversions

Conversions Part 1

Format	Color
Hex	BBADB3
RGB	187, 173, 179
RGB Percent	73%, 68%, 70%
CMY	0.2668, 0.3215, 0.2980
CMYK	0.00, 0.07, 0.04, 0.27
HSL	334°, 9%, 71%
HSV	334°, 7%, 73%
XYZ	43.5705, 43.7066, 48.7957
YIQ	177.8700, 6.4180, 4.8340

Conversions

Conversions Part 2

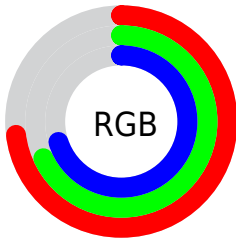
Format	Color
RYB	187, 173, 179
Decimal	12299699
CIELab	72.03, 6.08, -1.27
CIELCh	72, 6.211, 348.180
Yxy	43.7066, 0.3202, 0.3212
Android (android.graphics.Color)	4290489779 (0xFFBBADB3)
YUV	177.8700, 0.5571, 8.0070
Hunter-Lab	66.1110, 1.9465, 2.5164

Details

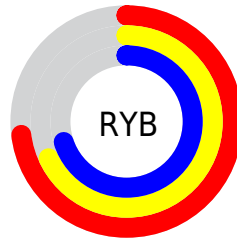
The Yxy color **43.7066, 0.3202, 0.3212** is a light color, and the websafe version is hex **999999**. A complement of this color would be **47.7511, 0.3058, 0.3369**, and the grayscale version is **44.4429, 0.3127, 0.3290**.

A 20% lighter version of the original color is **80.5397, 0.3186, 0.3219**, and **20.2494, 0.3231, 0.3201** is the 20% darker color. If you saturate the color by 10%, you get **36.6172, 0.3321, 0.3102**, and if you desaturate by 10%, it is **51.8367, 0.3104, 0.3316**.

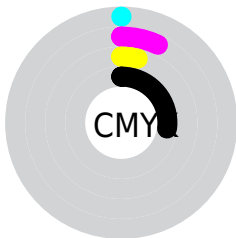
Distribution



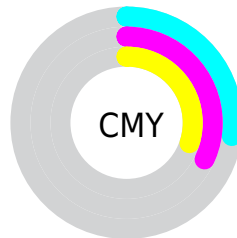
- Red (73%)
- Green (68%)
- Blue (70%)



- Red (73%)
- Yellow (68%)
- Blue (70%)



- Cyan (0%)
- Magenta (7%)
- Yellow (4%)
- Black (27%)





- Cyan (27%)
- Magenta (32%)
- Yellow (30%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 43.7066, 0.3202, 0.3212 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 43.7066, 0.3202, 0.3212 by changing the saturation by 10% instead.


 43.7066, 0.3202,
0.3212

 43.7066, 0.3202,
0.3212


361.5096, 0.3164,
0.3251

 30.4399, 0.3212,
0.3202


 80.7761, 0.3188,
0.3226

 20.1727, 0.3224,
0.3189

105.3476, 0.3183,
0.3232

 12.5207, 0.3240,
0.3172


134.4563, 0.3179,
0.3236

 7.0993, 0.3264,
0.3148

168.4864, 0.3175,
0.3240

 3.5243, 0.3299,
0.3112

207.8224, 0.3172,
0.3244

 1.4112, 0.3359,
0.3050

252.8487, 0.3169,

 0.2249, 0.3933,

0.3246

0.2442

303.9496, 0.3167,
0.3249

0.0000, 0.0000,
0.0000

43.7066, 0.3202,
0.3212

43.7066, 0.3202,
0.3212

36.6172, 0.3321,
0.3102

51.8367, 0.3104,
0.3316

30.5204, 0.3464,
0.2988

61.0415, 0.3024,
0.3412

25.3733, 0.3636,
0.2873

71.3605, 0.2957,
0.3500

21.1271, 0.3839,
0.2764

82.8296, 0.2903,
0.3582

17.7289, 0.4074,
0.2668

87.9252, 0.2850,
0.3537

■ 15.1202, 0.4338,
0.2598

■ 88.5504, 0.2796,
0.3419

■ 13.2348, 0.4622,
0.2566

■ 89.2130, 0.2743,
0.3304

■ 11.9957, 0.4911,
0.2582

■ 89.3018, 0.2736,
0.3289

■ 11.2907, 0.5187,
0.2650

Harmonies

Analogous

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



43.7066, 0.3113, 0.3158



43.7066, 0.3202, 0.3212



43.7066, 0.3271, 0.3286

Triad

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



43.7066, 0.3202, 0.3212



43.7066, 0.3225, 0.3445



43.7066, 0.2956, 0.3214

Complementary

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



43.7066, 0.3202, 0.3212



47.7511, 0.3058, 0.3369

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.



43.7066, 0.2985, 0.3292



43.7066, 0.3202, 0.3212



43.7066, 0.3139, 0.3427

Square

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



43.7066, 0.3202, 0.3212



43.7066, 0.3284, 0.3421



43.7066, 0.3052, 0.3370



43.7066, 0.2972, 0.3159

Rectangle

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



43.7066, 0.3202, 0.3212



43.7066, 0.3297, 0.3338



43.7066, 0.3052, 0.3370



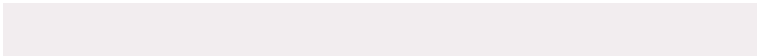
43.7066, 0.2961, 0.3239

Sweetspot

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



43.7085, 0.3202, 0.3212



85.9856, 0.3146, 0.3269



43.2928, 0.3083, 0.3107



18.9688, 0.3145, 0.3270



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.



43.7085, 0.3202, 0.3212



76.0464, 0.3220, 0.3194



43.8291, 0.3252, 0.3303



9.6027, 0.3223, 0.3192



7.6964, 0.5226, 0.2653



0.3146, 0.4625, 0.2321

Inverse Universe

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



43.7085, 0.3202, 0.3212



76.0464, 0.3220, 0.3194



47.6093, 0.3013, 0.3277



9.6027, 0.3223, 0.3192



7.6964, 0.5226, 0.2653



0.3146, 0.4625, 0.2321

Previews

White Background



This preview shows how the Yxy color 43.7066, 0.3202, 0.3212 looks on a white background.

Color Contrast Check

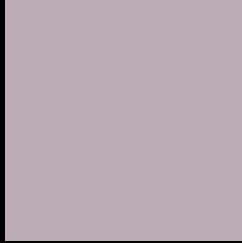
Large Text (above 18pt) WCAG AA × Fail

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 43.7066, 0.3202, 0.3212 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

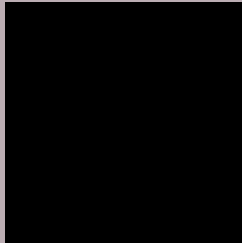
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

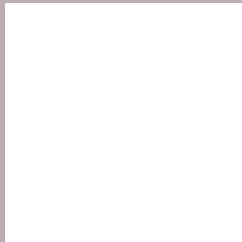
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 43.7066, 0.3202, 0.3212

Background



This preview shows how black text looks on a background with the Yxy color 43.7066, 0.3202, 0.3212.



This preview shows how white text looks on a background with the Yxy color 43.7066, 0.3202, 0.3212.

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

43.7066, 0.3202, 0.3212

Protanopia

43.9706, 0.3113, 0.3224

Deuteranopia

43.5870, 0.3250, 0.3187



Tritanopia

43.6992, 0.3162, 0.3123

Trichromacy



Original Color

43.7066, 0.3202, 0.3212

Protanomaly

43.9003, 0.3148, 0.3224

Deuteranomaly

43.7069, 0.3230, 0.3200

Tritanomaly

43.6153, 0.3179, 0.3148

Monochromacy



Original Color

43.7066, 0.3202, 0.3212

Achromatopsia

44.5201, 0.3127, 0.3290

Achromatomaly

44.0888, 0.3155, 0.3264

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.7066, 0.3202, 0.3212 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(187, 173, 179)` looks like.

```
.text, #text, p{  
    color:rgb(187, 173, 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(187, 173, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 173, 179) }
```

Border

The CSS property to change the border of an element to Yxy 43.7066, 0.3202, 0.3212 is called "border". The border property can be set on classes, ids or directly on the HTML element.

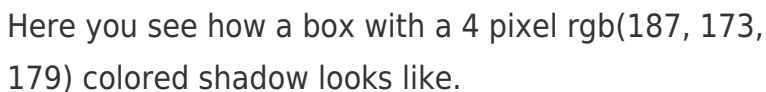
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(187, 173, 179) }
```

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

```
.border{ border-color:rgb(187, 173, 179) }
```

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



Here you see how a box with a 4 pixel `rgb(187, 173, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 173, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 173, 179);  
box-shadow:4px 4px 4px 4px rgb(187, 173,  
179) }
```


Background

The CSS property to change the background color of an element to Yxy 43.7066, 0.3202, 0.3212 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 173, 179) }
```

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

```
.background{ background-color: rgb(187,  
173, 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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