

Converting Colors

$Yxy(44.2189, 0.3096, 0.3011)$

Have a look what the booklet for
Yxy(44.2189, 0.3096, 0.3011)
contains.

Yxy(44.2189, 0.3096, 0.3011)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(44.2189, 0.3096, 0.3011)

Conversions

Conversions Part 1

Format	Color
Hex	BDACC2
RGB	189, 172, 194
RGB Percent	74%, 67%, 76%
CMY	0.2590, 0.3254, 0.2393
CMYK	0.03, 0.11, 0.00, 0.24
HSL	286°, 15%, 72%
HSV	286°, 11%, 76%
XYZ	45.4672, 44.2189, 57.1718
YIQ	179.5910, 3.0700, 10.4460

Conversions

Conversions Part 2

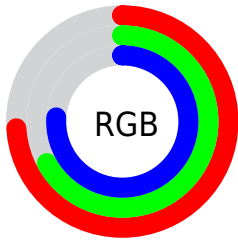
Format	Color
R _{YB}	189, 172, 194
Decimal	12430530
CIE Lab	72.37, 10.12, -8.98
CIE LCh	72, 13.528, 318.405
Yxy	44.2189, 0.3096, 0.3011
Android (android.graphics.Color)	4290620610 (0xFFBDACC2)
YUV	179.5910, 7.1036, 8.2517
Hunter-Lab	66.4973, 5.6782, -4.4271

Details

The Yxy color **44.2189, 0.3096, 0.3011** is a light color, and the websafe version is hex **999999**. A complement of this color would be **50.9126, 0.3154, 0.3578**, and the grayscale version is **45.3695, 0.3127, 0.3290**.

A 20% lighter version of the original color is **81.2528, 0.3104, 0.3061**, and **20.5606, 0.3095, 0.2945** is the 20% darker color. If you saturate the color by 10%, you get **36.8070, 0.3062, 0.2752**, and if you desaturate by 10%, it is **52.7300, 0.3124, 0.3258**.

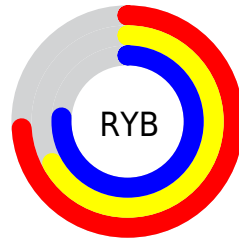
Distribution



Red (74%)

Green (67%)

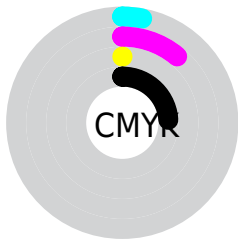
Blue (76%)



Red (74%)

Yellow (67%)

Blue (76%)

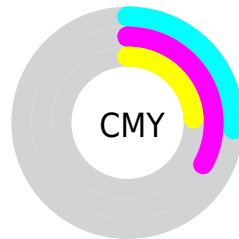


Cyan (3%)

Magenta (11%)

Yellow (0%)

Black (24%)



Cyan (26%)


Magenta (33%)


Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 44.2189, 0.3096, 0.3011 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 44.2189, 0.3096, 0.3011 by changing the saturation by 10% instead.


 44.2189, 0.3096,
0.3011

 44.2189, 0.3096,
0.3011

363.6008, 0.3113,
0.3149

 30.8426, 0.3091,
0.2977


 81.5470, 0.3102,
0.3061

 20.4791, 0.3085,
0.2934


106.2677, 0.3105,
0.3080

 12.7437, 0.3077,
0.2876


135.5386, 0.3107,
0.3096

 7.2523, 0.3064,
0.2797

169.7442, 0.3108,
0.3109

 3.6204, 0.3044,
0.2680

209.2688, 0.3110,
0.3121

 1.4636, 0.3007,
0.2493

254.4968, 0.3111,


 0.2629, 0.2968,


0.3132

0.1571

305.8127, 0.3112,
0.3141

 0.0000, 0.0000,
0.0000

 44.2189, 0.3096,
0.3011


 44.2189, 0.3096,
0.3011

 36.8070, 0.3062,
0.2752


 52.7300, 0.3124,
0.3258


 30.4418, 0.3022,
0.2487


 62.3783, 0.3146,
0.3490

 25.0753, 0.2976,
0.2224

 73.2072, 0.3164,
0.3705

 20.6532, 0.2924,
0.1973

 85.2559, 0.3178,
0.3901

 17.1162, 0.2868,
0.1745

 89.2907, 0.3202,
0.3948

■ 14.3979, 0.2808,
0.1549

■ 89.9572, 0.3230,
0.3942

■ 12.4228, 0.2746,
0.1396

■ 90.6420, 0.3259,
0.3937

■ 11.1007, 0.2685,
0.1288

■ 91.3453, 0.3288,
0.3931

■ 10.3347, 0.2633,
0.1224

■ 92.0671, 0.3317,
0.3925

Harmonies

Analogous

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



44.2189, 0.2916, 0.2967



44.2189, 0.3096, 0.3011



44.2189, 0.3290, 0.3124

Triad

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



44.2189, 0.3096, 0.3011



44.2189, 0.3468, 0.3572



44.2189, 0.2820, 0.3289

Complementary

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



44.2189, 0.3096, 0.3011



50.9126, 0.3154, 0.3578

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.



44.2189, 0.2961, 0.3465



44.2189, 0.3096, 0.3011



44.2189, 0.3335, 0.3630

Square

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



44.2189, 0.3096, 0.3011



44.2189, 0.3508, 0.3442



44.2189, 0.3149, 0.3592



44.2189, 0.2761, 0.3120

Rectangle

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



44.2189, 0.3096, 0.3011



44.2189, 0.3399, 0.3225



44.2189, 0.3149, 0.3592



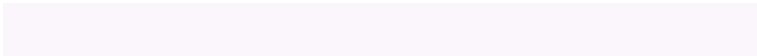
44.2189, 0.2860, 0.3349

Sweetspot

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



44.2208, 0.3096, 0.3011



92.7432, 0.3119, 0.3217



44.1701, 0.2952, 0.3067



20.0237, 0.3117, 0.3197



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

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



44.2208, 0.3096, 0.3011



76.0336, 0.3087, 0.2937



44.6176, 0.3189, 0.3087



10.1274, 0.3102, 0.3061



6.8337, 0.2641, 0.1229



0.3244, 0.2774, 0.1302

Inverse Universe

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



44.1576, 0.3283, 0.3226



75.9080, 0.3330, 0.3209



50.5621, 0.3071, 0.3502



10.1149, 0.3254, 0.3237



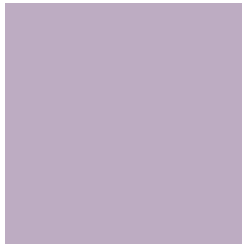
7.6732, 0.5969, 0.3062



0.3425, 0.5326, 0.2708

Previews

White Background



This preview shows how the Yxy color 44.2189, 0.3096, 0.3011 looks on a white background.

Color Contrast Check

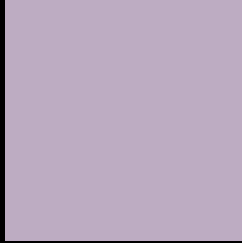
Large Text (above 18pt) WCAG AA × Fail

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 44.2189, 0.3096, 0.3011 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

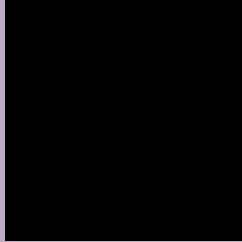
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 44.2189, 0.3096, 0.3011

Background



This preview shows how black text looks on a background with the Yxy color 44.2189, 0.3096, 0.3011.



This preview shows how white text looks on a background with the Yxy color 44.2189, 0.3096, 0.3011.

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

44.2189, 0.3096, 0.3011

Protanopia

44.1958, 0.2953, 0.3016

Deuteranopia

44.3470, 0.3079, 0.3022



Tritanopia

44.1664, 0.3144, 0.3110

Trichromacy



Original Color

44.2189, 0.3096, 0.3011

Protanomaly

44.3488, 0.3003, 0.3018

Deuteranomaly

44.4735, 0.3087, 0.3023

Tritanomaly

44.2962, 0.3120, 0.3073

Monochromacy



Original Color

44.2189, 0.3096, 0.3011

Achromatopsia

45.6411, 0.3127, 0.3290

Achromatomaly

45.0143, 0.3115, 0.3186

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.2189, 0.3096, 0.3011 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, 172, 194)` looks like.

```
.text, #text, p{  
    color:rgb(189, 172, 194)  
}
```

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, 172, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 172, 194) }
```

Border

The CSS property to change the border of an element to Yxy 44.2189, 0.3096, 0.3011 is called "border". The border property can be set on classes, ids or directly on the HTML element.

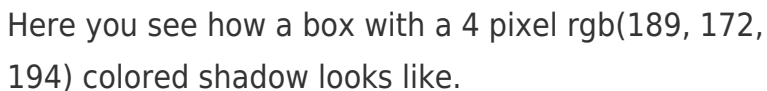
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(189, 172, 194) }
```

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

```
.border{ border-color:rgb(189, 172, 194) }
```

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



Here you see how a box with a 4 pixel `rgb(189, 172, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(189, 172, 194); -webkit-box-shadow:4px 4px 4px 4px rgb(189, 172, 194); box-shadow:4px 4px 4px 4px rgb(189, 172, 194) }
```


Background

The CSS property to change the background color of an element to Yxy 44.2189, 0.3096, 0.3011 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 172, 194) }
```

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

```
.background{ background-color: rgb(189,  
172, 194) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor