

Converting Colors

$Yxy(46.7299, 0.2949, 0.2899)$

Have a look what the booklet for
Yxy(46.7299, 0.2949, 0.2899)
contains.

Yxy(46.8833, 0.2954, 0.2904)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(46.8833, 0.2954, 0.2904)

Conversions

Conversions Part 1

Format	Color
Hex	BAB2D1
RGB	186, 178, 209
RGB Percent	73%, 70%, 82%
CMY	0.2704, 0.3020, 0.1803
CMYK	0.11, 0.15, 0.00, 0.18
HSL	256°, 25%, 76%
HSV	256°, 15%, 82%
XYZ	47.6905, 46.8833, 66.8701
YIQ	183.9260, -5.1830, 11.3370

Conversions

Conversions Part 2

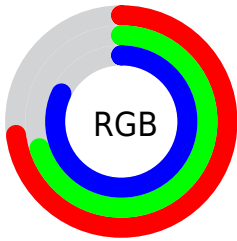
Format	Color
RYB	186, 178, 209
Decimal	12235473
CIELab	74.12, 8.89, -14.63
CIELCh	74, 17.119, 301.276
Yxy	46.8833, 0.2954, 0.2904
Android (android.graphics.Color)	4290425553 (0xFFBAB2D1)
YUV	183.9260, 12.3615, 1.8189
Hunter-Lab	68.4714, 4.5009, -9.9734

Details

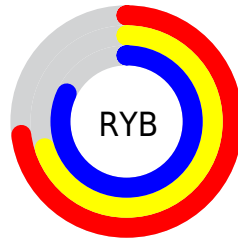
The Yxy color $46.8833, 0.2954, 0.2904$ is a light color, and the websafe version is hex `CCCCFF`. A complement of this color would be $61.2351, 0.3285, 0.3663$, and the grayscale version is $47.8276, 0.3127, 0.3290$.

A 20% lighter version of the original color is $84.9429, 0.3051, 0.3082$, and $22.0203, 0.2902, 0.2788$ is the 20% darker color. If you saturate the color by 10%, you get $37.3584, 0.2816, 0.2611$, and if you desaturate by 10%, it is $57.8891, 0.3075, 0.3171$.

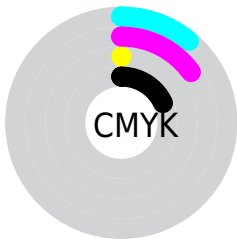
Distribution



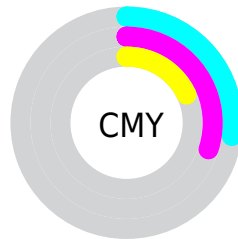
- Red (73%)
- Green (70%)
- Blue (82%)



- Red (73%)
- Yellow (70%)
- Blue (82%)



- Cyan (11%)
- Magenta (15%)
- Yellow (0%)
- Black (18%)



- Cyan (27%)
- Magenta (30%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 46.8833, 0.2954, 0.2904 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 46.8833, 0.2954, 0.2904 by changing the saturation by 10% instead.

■ 46.8833, 0.2954,
0.2904

■ 46.8833, 0.2954,
0.2904

374.3485, 0.3041,
0.3093

■ 32.9434, 0.2932,
0.2858

■ 85.5394, 0.2986,
0.2971

■ 22.0831, 0.2904,
0.2801

111.0244, 0.2998,
0.2997

■ 13.9180, 0.2866,
0.2725

141.1266, 0.3008,
0.3019

■ 8.0636, 0.2813,
0.2622

176.2303, 0.3017,
0.3038

■ 4.1357, 0.2734,
0.2475

216.7199, 0.3024,
0.3054

■ 1.7498, 0.2604,
0.2246

262.9799, 0.3031,

■ 0.4556, 0.2374,

0.3068

0.1664

315.3947, 0.3036,
0.3081

0.0000, 0.0000,
0.0000

46.8833, 0.2954,
0.2904

46.8833, 0.2954,
0.2904

37.3584, 0.2816,
0.2611

57.8891, 0.3075,
0.3171

29.2446, 0.2661,
0.2297

70.4298, 0.3179,
0.3410

22.4754, 0.2492,
0.1970

84.5638, 0.3268,
0.3622

16.9765, 0.2314,
0.1645

96.0661, 0.3353,
0.3747

12.6661, 0.2136,
0.1339

97.3845, 0.3400,
0.3740

■ 9.4527, 0.1966,
0.1074

■ 7.2310, 0.1818,
0.0868

■ 5.8734, 0.1699,
0.0732

■ 5.3989, 0.1649,
0.0682

Harmonies

Analogous

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



46.8833, 0.2769, 0.2904



46.8833, 0.2954, 0.2904



46.8833, 0.3192, 0.2998

Triad

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



46.8833, 0.2954, 0.2904



46.8833, 0.3596, 0.3553



46.8833, 0.2836, 0.3416

Complementary

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



46.8833, 0.2954, 0.2904



61.2351, 0.3285, 0.3663

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.



46.8833, 0.3049, 0.3611



46.8833, 0.2954, 0.2904



46.8833, 0.3491, 0.3683

Square

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



46.8833, 0.2954, 0.2904



46.8833, 0.3570, 0.3362



46.8833, 0.3289, 0.3709



46.8833, 0.2703, 0.3191

Rectangle

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



46.8833, 0.2954, 0.2904



46.8833, 0.3350, 0.3101



46.8833, 0.3289, 0.3709



46.8833, 0.2901, 0.3488

Sweetspot

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



46.8853, 0.2954, 0.2904



92.2605, 0.3084, 0.3191



55.9629, 0.2900, 0.3194



19.4455, 0.3075, 0.3172



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.



46.8853, 0.2954, 0.2904



68.2482, 0.2910, 0.2808



48.8929, 0.3079, 0.2918



11.5642, 0.3022, 0.3052



3.3688, 0.1661, 0.0689



0.2272, 0.1857, 0.0797

Inverse Universe

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



49.6075, 0.3209, 0.3018



73.3848, 0.3231, 0.2954



59.2318, 0.3167, 0.3676



11.9543, 0.3177, 0.3120



9.8264, 0.3993, 0.1973



0.5620, 0.3818, 0.1877

Previews

White Background



This preview shows how the Yxy color 46.8833, 0.2954, 0.2904 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 46.8833, 0.2954, 0.2904 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

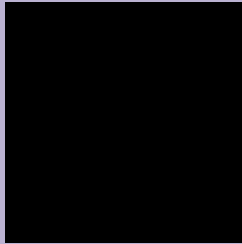
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 46.8833, 0.2954, 0.2904

Background



This preview shows how black text looks on a background with the Yxy color 46.8833, 0.2954, 0.2904.



This preview shows how white text looks on a background with the Yxy color 46.8833, 0.2954, 0.2904.

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

46.8833, 0.2954, 0.2904

Protanopia

47.0980, 0.2869, 0.2911

Deuteranopia

47.0090, 0.2962, 0.2905



Tritanopia

46.7730, 0.3043, 0.3099

Trichromacy



Original Color

46.8833, 0.2954, 0.2904

Protanomaly

46.9990, 0.2899, 0.2913

Deuteranomaly

47.0090, 0.2962, 0.2905

Tritanomaly

46.7246, 0.3013, 0.3025

Monochromacy



Original Color

46.8833, 0.2954, 0.2904

Achromatopsia

47.9320, 0.3127, 0.3290

Achromatomaly

47.6204, 0.3067, 0.3150

CSS Examples

Text

The CSS property to change the color of the text to Yxy 46.8833, 0.2954, 0.2904 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(186, 178, 209)` looks like.

```
.text, #text, p{  
    color:rgb(186, 178, 209)  
}
```

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(186, 178, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 178, 209) }
```

Border

The CSS property to change the border of an element to Yxy 46.8833, 0.2954, 0.2904 is called "border". The border property can be set on classes, ids or directly on the HTML element.

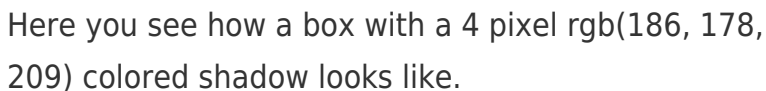
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(186, 178, 209) }
```

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

```
.border{ border-color:rgb(186, 178, 209) }
```

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



Here you see how a box with a 4 pixel `rgb(186, 178, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(186, 178, 209); -webkit-box-shadow:4px 4px 4px 4px rgb(186, 178, 209); box-shadow:4px 4px 4px 4px rgb(186, 178, 209) }
```


Background

The CSS property to change the background color of an element to Yxy 46.8833, 0.2954, 0.2904 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 178, 209) }
```

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

```
.background{ background-color: rgb(186,  
178, 209) }
```

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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