

Converting Colors

$Yxy(47.6694, 0.2919, 0.2815)$

Have a look what the booklet for
Yxy(47.6694, 0.2919, 0.2815)
contains.

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Color

Yxy(47.6694, 0.2919, 0.2815)

Conversions

Conversions Part 1

Format	Color
Hex	BDB2D9
RGB	189, 178, 217
RGB Percent	74%, 70%, 85%
CMY	0.2588, 0.3019, 0.1490
CMYK	0.13, 0.18, 0.00, 0.15
HSL	257°, 34%, 77%
HSV	257°, 18%, 85%
XYZ	49.4305, 47.6694, 72.2407
YIQ	185.7350, -5.9630, 14.4610

Conversions

Conversions Part 2

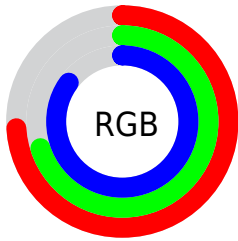
Format	Color
RYB	189, 178, 217
Decimal	12432089
CIELab	74.62, 11.50, -18.20
CIELCh	75, 21.532, 302.292
Yxy	47.6694, 0.2919, 0.2815
Android (android.graphics.Color)	4290622169 (0xFFBDB2D9)
YUV	185.7350, 15.4136, 2.8634
Hunter-Lab	69.0430, 6.9697, -13.7059

Details

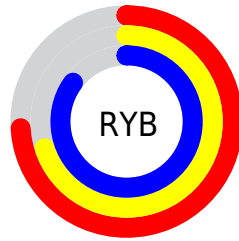
The Yxy color **47.6694, 0.2919, 0.2815** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **65.9629, 0.3312, 0.3747**, and the grayscale version is **48.8626, 0.3127, 0.3290**.

A 20% lighter version of the original color is **85.4781, 0.3071, 0.3083**, and **22.4268, 0.2855, 0.2685** is the 20% darker color. If you saturate the color by 10%, you get **37.8212, 0.2779, 0.2515**, and if you desaturate by 10%, it is **59.1016, 0.3041, 0.3090**.

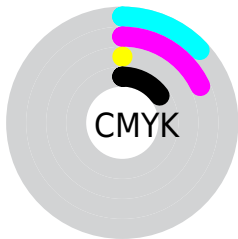
Distribution



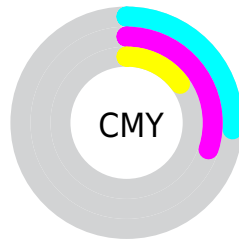
- Red (74%)
- Green (70%)
- Blue (85%)



- Red (74%)
- Yellow (70%)
- Blue (85%)



- Cyan (13%)
- Magenta (18%)
- Yellow (0%)
- Black (15%)



- Cyan (26%)
- Magenta (30%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 47.6694, 0.2919, 0.2815 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 47.6694, 0.2919, 0.2815 by changing the saturation by 10% instead.

■ 47.6694, 0.2919,
0.2815

■ 47.6694, 0.2919,
0.2815

377.4802, 0.3024,
0.3045

■ 33.5652, 0.2893,
0.2760

■ 86.7120, 0.2957,
0.2897

■ 22.5597, 0.2859,
0.2691

112.4191, 0.2972,
0.2928

■ 14.2688, 0.2814,
0.2601

142.7626, 0.2984,
0.2954

■ 8.3078, 0.2751,
0.2481

178.1269, 0.2994,
0.2977

■ 4.2925, 0.2658,
0.2310

218.8965, 0.3003,
0.2998

■ 1.8385, 0.2508,
0.2054

265.4556, 0.3011,

■ 0.5110, 0.2261,

0.3015

0.1507

318.1887, 0.3018,
0.3031

0.0000, 0.0000,
0.0000

47.6694, 0.2919,
0.2815

47.6694, 0.2919,
0.2815

37.8212, 0.2779,
0.2515

59.1016, 0.3041,
0.3090

29.4802, 0.2624,
0.2197

72.1780, 0.3147,
0.3338

22.5722, 0.2455,
0.1871

86.9631, 0.3238,
0.3559

17.0140, 0.2280,
0.1552

97.0997, 0.3327,
0.3664

12.7139, 0.2105,
0.1259

97.7898, 0.3352,
0.3661

■ 9.5680, 0.1943,
0.1013

■ 7.4555, 0.1802,
0.0829

■ 6.2070, 0.1691,
0.0714

■ 6.0077, 0.1671,
0.0694

Harmonies

Analogous

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



47.6694, 0.2687, 0.2809



47.6694, 0.2919, 0.2815



47.6694, 0.3217, 0.2934

Triad

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



47.6694, 0.2919, 0.2815



47.6694, 0.3712, 0.3620



47.6694, 0.2757, 0.3438

Complementary

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



47.6694, 0.2919, 0.2815



65.9629, 0.3312, 0.3747

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.



47.6694, 0.3018, 0.3689



47.6694, 0.2919, 0.2815



47.6694, 0.3573, 0.3785

Square

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



47.6694, 0.2919, 0.2815



47.6694, 0.3687, 0.3384



47.6694, 0.3317, 0.3817



47.6694, 0.2597, 0.3153

Rectangle

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



47.6694, 0.2919, 0.2815



47.6694, 0.3414, 0.3063



47.6694, 0.3317, 0.3817



47.6694, 0.2835, 0.3530

Sweetspot

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



47.6714, 0.2919, 0.2815



90.4380, 0.3074, 0.3165



58.9081, 0.2851, 0.3163



19.0803, 0.3066, 0.3147



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.



47.6714, 0.2919, 0.2815



62.4252, 0.2862, 0.2691



50.2482, 0.3072, 0.2836



12.7940, 0.3025, 0.3051



3.6829, 0.1684, 0.0701



0.2816, 0.1858, 0.0797

Inverse Universe

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



51.0511, 0.3236, 0.2967



68.3036, 0.3267, 0.2889



63.4182, 0.3170, 0.3767



13.2090, 0.3181, 0.3124



10.3981, 0.4074, 0.2018



0.6881, 0.3901, 0.1922

Previews

White Background



This preview shows how the Yxy color 47.6694, 0.2919, 0.2815 looks on a white background.

Color Contrast Check

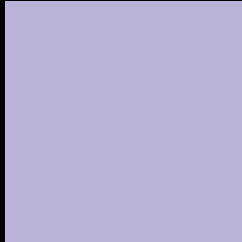
Large Text (above 18pt) WCAG AA × Fail

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 47.6694, 0.2919, 0.2815 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

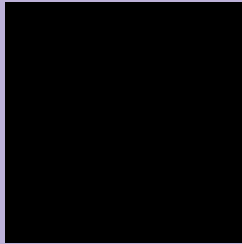
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 47.6694, 0.2919, 0.2815

Background



This preview shows how black text looks on a background with the Yxy color 47.6694, 0.2919, 0.2815.



This preview shows how white text looks on a background with the Yxy color 47.6694, 0.2919, 0.2815.

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

47.6694, 0.2919, 0.2815

Protanopia

47.8533, 0.2800, 0.2817

Deuteranopia

47.5642, 0.2888, 0.2823



Tritanopia

47.7557, 0.3044, 0.3112

Trichromacy



Original Color

47.6694, 0.2919, 0.2815

Protanomaly

47.9860, 0.2844, 0.2821

Deuteranomaly

47.6891, 0.2896, 0.2824

Tritanomaly

47.8465, 0.2991, 0.3002

Monochromacy



Original Color

47.6694, 0.2919, 0.2815

Achromatopsia

49.1021, 0.3127, 0.3290

Achromatomaly

48.4630, 0.3052, 0.3114

CSS Examples

Text

The CSS property to change the color of the text to Yxy 47.6694, 0.2919, 0.2815 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, 178, 217)` looks like.

```
.text, #text, p{  
    color:rgb(189, 178, 217)  
}
```

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, 178, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 178, 217) }
```

Border

The CSS property to change the border of an element to Yxy 47.6694, 0.2919, 0.2815 is called "border". The border property can be set on classes, ids or directly on the HTML element.

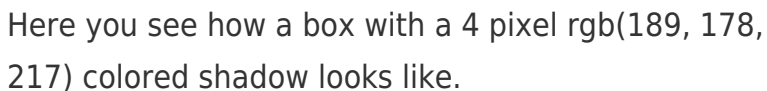
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(189, 178, 217) }
```

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

```
.border{ border-color:rgb(189, 178, 217) }
```

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



Here you see how a box with a 4 pixel `rgb(189, 178, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 178, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 178, 217);  
box-shadow:4px 4px 4px 4px rgb(189, 178,  
217) }
```


Background

The CSS property to change the background color of an element to Yxy 47.6694, 0.2919, 0.2815 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 178, 217) }
```

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

```
.background{ background-color: rgb(189,  
178, 217) }
```

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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