

Converting Colors

$Yxy(47.0610, 0.2944, 0.2889)$

Have a look what the booklet for
Yxy(47.0610, 0.2944, 0.2889)
contains.

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Color

Yxy(46.9830, 0.2939, 0.2881)

Conversions

Conversions Part 1

Format	Color
Hex	BAB2D3
RGB	186, 178, 211
RGB Percent	73%, 70%, 83%
CMY	0.2705, 0.3020, 0.1726
CMYK	0.12, 0.16, 0.00, 0.17
HSL	255°, 27%, 76%
HSV	255°, 16%, 83%
XYZ	47.9289, 46.9830, 68.1669
YIQ	184.1540, -5.8250, 11.9590

Conversions

Conversions Part 2

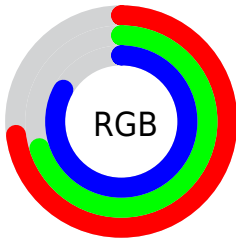
Format	Color
RYB	186, 178, 211
Decimal	12235475
CIELab	74.18, 9.27, -15.61
CIELCh	74, 18.159, 300.708
Yxy	46.9830, 0.2939, 0.2881
Android (android.graphics.Color)	4290425555 (0xFFBAB2D3)
YUV	184.1540, 13.2351, 1.6189
Hunter-Lab	68.5441, 4.8622, -10.9828

Details

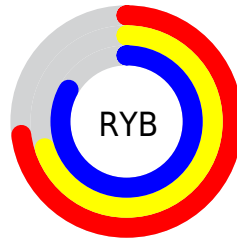
The Yxy color $46.9830, 0.2939, 0.2881$ is a light color, and the websafe version is hex `CCCCFF`. A complement of this color would be $62.4956, 0.3298, 0.3683$, and the grayscale version is $47.9517, 0.3127, 0.3290$.

A 20% lighter version of the original color is $84.9429, 0.3051, 0.3082$, and $22.0541, 0.2892, 0.2772$ is the 20% darker color. If you saturate the color by 10%, you get $37.3335, 0.2796, 0.2585$, and if you desaturate by 10%, it is $58.1516, 0.3064, 0.3151$.

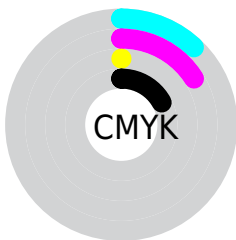
Distribution



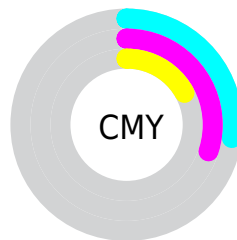
- Red (73%)
- Green (70%)
- Blue (83%)



- Red (73%)
- Yellow (70%)
- Blue (83%)



- Cyan (12%)
- Magenta (16%)
- Yellow (0%)
- Black (17%)



- Cyan (27%)
- Magenta (30%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 46.9830, 0.2939, 0.2881 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 46.9830, 0.2939, 0.2881 by changing the saturation by 10% instead.

■ 46.9830, 0.2939,
0.2881

■ 46.9830, 0.2939,
0.2881

374.7467, 0.3034,
0.3080

■ 33.0222, 0.2915,
0.2833

■ 85.6882, 0.2974,
0.2952

■ 22.1435, 0.2884,
0.2772

111.2015, 0.2987,
0.2979

■ 13.9624, 0.2843,
0.2692

141.3344, 0.2998,
0.3002

■ 8.0945, 0.2786,
0.2585

176.4712, 0.3007,
0.3022

■ 4.1555, 0.2701,
0.2430

216.9965, 0.3015,
0.3040

■ 1.7609, 0.2562,
0.2192

263.2946, 0.3022,

■ 0.4626, 0.2320,

0.3055

0.1611

315.7498, 0.3028,
0.3068

0.0000, 0.0000,
0.0000

46.9830, 0.2939,
0.2881

46.9830, 0.2939,
0.2881

37.3335, 0.2796,
0.2585

58.1516, 0.3064,
0.3151

29.1310, 0.2637,
0.2268

70.8955, 0.3172,
0.3392

22.3065, 0.2463,
0.1938

85.2751, 0.3265,
0.3606

16.7826, 0.2282,
0.1611

96.5329, 0.3354,
0.3725

12.4745, 0.2101,
0.1306

97.4829, 0.3388,
0.3721

■ 9.2867, 0.1932,
0.1044

■ 7.1092, 0.1785,
0.0843

■ 5.8078, 0.1671,
0.0713

■ 5.4122, 0.1631,
0.0672

Harmonies

Analogous

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



46.9830, 0.2745, 0.2883



46.9830, 0.2939, 0.2881



46.9830, 0.3191, 0.2978

Triad

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



46.9830, 0.2939, 0.2881



46.9830, 0.3625, 0.3564



46.9830, 0.2823, 0.3428

Complementary

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



46.9830, 0.2939, 0.2881



62.4956, 0.3298, 0.3683

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.



46.9830, 0.3049, 0.3634



46.9830, 0.2939, 0.2881



46.9830, 0.3515, 0.3705

Square

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



46.9830, 0.2939, 0.2881



46.9830, 0.3595, 0.3361



46.9830, 0.3303, 0.3736



46.9830, 0.2680, 0.3189

Rectangle

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



46.9830, 0.2939, 0.2881



46.9830, 0.3359, 0.3087



46.9830, 0.3303, 0.3736



46.9830, 0.2891, 0.3505

Sweetspot

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



46.9850, 0.2939, 0.2881



90.3477, 0.3071, 0.3165



57.0206, 0.2888, 0.3195



19.0585, 0.3063, 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.



46.9850, 0.2939, 0.2881



66.5810, 0.2890, 0.2778



49.1287, 0.3072, 0.2897



11.5542, 0.3019, 0.3052



3.3066, 0.1643, 0.0679



0.2226, 0.1835, 0.0784

Inverse Universe

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



50.0012, 0.3210, 0.2996



72.1535, 0.3231, 0.2927



60.3405, 0.3173, 0.3698



11.9580, 0.3174, 0.3116



9.9019, 0.3931, 0.1939



0.5657, 0.3771, 0.1851

Previews

White Background



This preview shows how the Yxy color 46.9830, 0.2939, 0.2881 looks on a white background.

Color Contrast Check

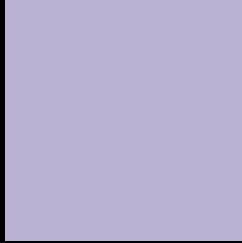
Large Text (above 18pt) WCAG AA × Fail

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 46.9830, 0.2939, 0.2881 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

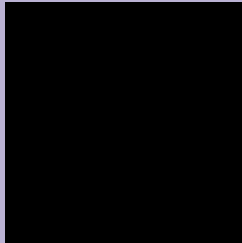
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 46.9830, 0.2939, 0.2881

Background



This preview shows how black text looks on a background with the Yxy color 46.9830, 0.2939, 0.2881.



This preview shows how white text looks on a background with the Yxy color 46.9830, 0.2939, 0.2881.

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

46.9830, 0.2939, 0.2881

Protanopia

47.0819, 0.2847, 0.2886

Deuteranopia

46.9830, 0.2939, 0.2881



Tritanopia

47.0552, 0.3035, 0.3111

Trichromacy



Original Color

46.9830, 0.2939, 0.2881

Protanomaly

47.0993, 0.2885, 0.2889

Deuteranomaly

46.9830, 0.2939, 0.2881

Tritanomaly

47.0499, 0.2998, 0.3024

Monochromacy



Original Color

46.9830, 0.2939, 0.2881

Achromatopsia

47.9320, 0.3127, 0.3290

Achromatomaly

47.6652, 0.3059, 0.3137

CSS Examples

Text

The CSS property to change the color of the text to Yxy 46.9830, 0.2939, 0.2881 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, 211)` looks like.

```
.text, #text, p{  
    color:rgb(186, 178, 211)  
}
```

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, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 178, 211) }
```

Border

The CSS property to change the border of an element to Yxy 46.9830, 0.2939, 0.2881 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, 211) }
```

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

```
.border{ border-color:rgb(186, 178, 211) }
```

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, 211)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 178, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 178, 211);  
box-shadow:4px 4px 4px 4px rgb(186, 178,  
211) }
```


Background

The CSS property to change the background color of an element to Yxy 46.9830, 0.2939, 0.2881 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, 211) }
```

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

```
.background{ background-color: rgb(186,  
178, 211) }
```

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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