

Converting Colors

$Yxy(47.1226, 0.2852, 0.2892)$

Have a look what the booklet for
Yxy(47.1226, 0.2852, 0.2892)
contains.

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Color

Yxy(47.0819, 0.2847, 0.2886)

Conversions

Conversions Part 1

Format	Color
Hex	B0B5D5
RGB	176, 181, 213
RGB Percent	69%, 71%, 84%
CMY	0.3097, 0.2902, 0.1646
CMYK	0.17, 0.15, 0.00, 0.16
HSL	232°, 31%, 76%
HSV	232°, 17%, 84%
XYZ	46.4457, 47.0819, 69.6114
YIQ	183.1530, -13.2520, 8.8920

Conversions

Conversions Part 2

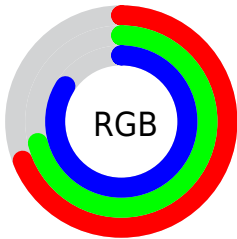
Format	Color
R _Y B	176, 180, 213
Decimal	11580885
CIE Lab	74.24, 4.85, -16.70
CIE LCh	74, 17.395, 286.198
Yxy	47.0819, 0.2847, 0.2886
Android (android.graphics.Color)	4289770965 (0xFFB0B5D5)
YUV	183.1530, 14.7146, -6.2732
Hunter-Lab	68.6163, 0.7464, -12.1185

Details

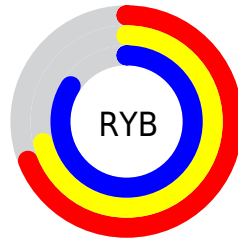
The Yxy color $47.0819, 0.2847, 0.2886$ is a light color, and the websafe version is hex `CCCCFF`. A complement of this color would be $62.4298, 0.3396, 0.3664$, and the grayscale version is $47.3689, 0.3127, 0.3290$.

A 20% lighter version of the original color is $84.9442, 0.2987, 0.3109$, and $22.1179, 0.2770, 0.2778$ is the 20% darker color. If you saturate the color by 10%, you get $37.7817, 0.2664, 0.2614$, and if you desaturate by 10%, it is $57.7686, 0.3015, 0.3129$.

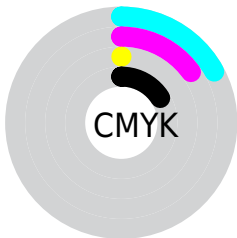
Distribution



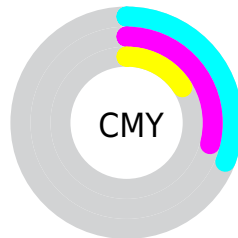
- Red (69%)
- Green (71%)
- Blue (84%)



- Red (69%)
- Yellow (71%)
- Blue (84%)



- Cyan (17%)
- Magenta (15%)
- Yellow (0%)
- Black (16%)



- Cyan (31%)
- Magenta (29%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 47.0819, 0.2847, 0.2886 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 47.0819, 0.2847, 0.2886 by changing the saturation by 10% instead.

■ 47.0819, 0.2847,
0.2886

■ 47.0819, 0.2847,
0.2886

375.1413, 0.2987,
0.3084

■ 33.1004, 0.2812,
0.2838

■ 85.8359, 0.2898,
0.2957

■ 22.2034, 0.2768,
0.2777

111.3771, 0.2917,
0.2984

■ 14.0064, 0.2710,
0.2697

141.5404, 0.2933,
0.3007

■ 8.1251, 0.2629,
0.2588

176.7101, 0.2947,
0.3027

■ 4.1751, 0.2511,
0.2432

217.2707, 0.2959,
0.3044

■ 1.7720, 0.2322,
0.2190

263.6065, 0.2969,

■ 0.4696, 0.1944,

0.3059

0.1617

316.1019, 0.2978,
0.3072

0.0000, 0.0000,
0.0000

47.0819, 0.2847,
0.2886

47.0819, 0.2847,
0.2886

37.7817, 0.2664,
0.2614

57.7686, 0.3015,
0.3129

29.8052, 0.2468,
0.2318

69.8894, 0.3165,
0.3344

23.0938, 0.2267,
0.2003

83.4971, 0.3299,
0.3531

17.5816, 0.2068,
0.1684

97.4372, 0.3376,
0.3698

13.1972, 0.1885,
0.1377

97.5857, 0.3375,
0.3700

■ 9.8612, 0.1729,
0.1103

■ 7.4836, 0.1613,
0.0882

■ 5.9545, 0.1541,
0.0726

■ 5.6649, 0.1527,
0.0695

Harmonies

Analogous

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



47.0819, 0.2704, 0.2938



47.0819, 0.2847, 0.2886



47.0819, 0.3069, 0.2935

Triad

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



47.0819, 0.2847, 0.2886



47.0819, 0.3607, 0.3463



47.0819, 0.2934, 0.3526

Complementary

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



47.0819, 0.2847, 0.2886



62.4298, 0.3396, 0.3664

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.



47.0819, 0.3171, 0.3681



47.0819, 0.2847, 0.2886



47.0819, 0.3565, 0.3633

Square

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



47.0819, 0.2847, 0.2886



47.0819, 0.3514, 0.3259



47.0819, 0.3403, 0.3718



47.0819, 0.2752, 0.3303

Rectangle

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



47.0819, 0.2847, 0.2886



47.0819, 0.3234, 0.3017



47.0819, 0.3403, 0.3718



47.0819, 0.3009, 0.3589

Sweetspot

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



47.0838, 0.2847, 0.2886



90.8198, 0.3051, 0.3182



61.3665, 0.2901, 0.3357



19.1726, 0.3040, 0.3166



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.



47.0838, 0.2847, 0.2886



65.1238, 0.2778, 0.2785



46.6823, 0.2947, 0.2836



12.2748, 0.2981, 0.3082



3.5448, 0.1531, 0.0710



0.3033, 0.1600, 0.0960

Inverse Universe

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



48.5475, 0.3416, 0.3231



67.8290, 0.3496, 0.3217



63.0308, 0.3286, 0.3733



12.4477, 0.3270, 0.3259



8.7027, 0.6216, 0.3198



0.5339, 0.5820, 0.2980

Previews

White Background



This preview shows how the Yxy color 47.0819, 0.2847, 0.2886 looks on a white background.

Color Contrast Check

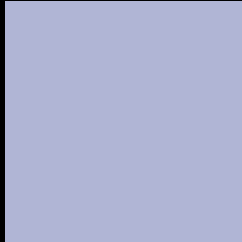
Large Text (above 18pt) WCAG AA × Fail

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 47.0819, 0.2847, 0.2886 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

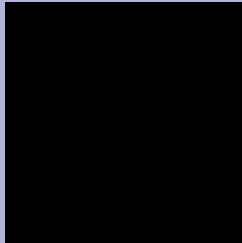
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 47.0819, 0.2847, 0.2886

Background



This preview shows how black text looks on a background with the Yxy color 47.0819, 0.2847, 0.2886.



This preview shows how white text looks on a background with the Yxy color 47.0819, 0.2847, 0.2886.

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

47.0819, 0.2847, 0.2886

Protanopia

47.0819, 0.2847, 0.2886

Deuteranopia

47.0101, 0.2909, 0.2845



Tritanopia

47.2424, 0.2932, 0.3108

Trichromacy



Original Color

47.0819, 0.2847, 0.2886

Protanomaly

47.0819, 0.2847, 0.2886

Deuteranomaly

47.0403, 0.2886, 0.2855

Tritanomaly

47.1774, 0.2903, 0.3033

Monochromacy



Original Color

47.0819, 0.2847, 0.2886

Achromatopsia

47.3531, 0.3127, 0.3290

Achromatomaly

47.0542, 0.3018, 0.3135

CSS Examples

Text

The CSS property to change the color of the text to Yxy 47.0819, 0.2847, 0.2886 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(176, 181, 213)` looks like.

```
.text, #text, p{  
    color:rgb(176, 181, 213)  
}
```

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(176, 181, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 181, 213) }
```

Border

The CSS property to change the border of an element to Yxy 47.0819, 0.2847, 0.2886 is called "border". The border property can be set on classes, ids or directly on the HTML element.

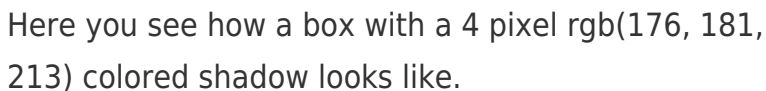
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(176, 181, 213) }
```

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

```
.border{ border-color:rgb(176, 181, 213) }
```

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



Here you see how a box with a 4 pixel `rgb(176, 181, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(176, 181, 213); -webkit-box-shadow:4px 4px 4px 4px rgb(176, 181, 213); box-shadow:4px 4px 4px 4px rgb(176, 181, 213) }
```


Background

The CSS property to change the background color of an element to Yxy 47.0819, 0.2847, 0.2886 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 181, 213) }
```

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

```
.background{ background-color: rgb(176,  
181, 213) }
```

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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