

Converting Colors

$Yxy(48.7517, 0.3007, 0.2854)$

Have a look what the booklet for
Yxy(48.7517, 0.3007, 0.2854)
contains.

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Color

Yxy(48.7529, 0.3006, 0.2847)

Conversions

Conversions Part 1

Format	Color
Hex	C6B2D7
RGB	198, 178, 215
RGB Percent	78%, 70%, 84%
CMY	0.2236, 0.3019, 0.1567
CMYK	0.08, 0.17, 0.00, 0.16
HSL	272°, 32%, 77%
HSV	272°, 17%, 84%
XYZ	51.4757, 48.7529, 71.0145
YIQ	188.1980, 0.0430, 15.7470

Conversions

Conversions Part 2

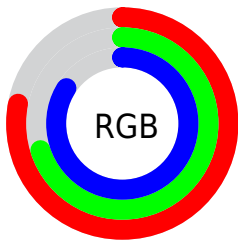
Format	Color
RYB	198, 178, 215
Decimal	13021911
CIELab	75.30, 14.04, -16.03
CIELCh	75, 21.310, 311.199
Yxy	48.7529, 0.3006, 0.2847
Android (android.graphics.Color)	4291211991 (0xFFC6B2D7)
YUV	188.1980, 13.2134, 8.5964
Hunter-Lab	69.8233, 9.4044, -11.4252

Details

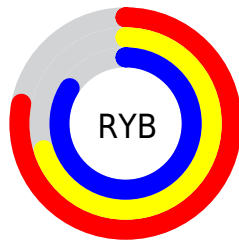
The Yxy color **48.7529, 0.3006, 0.2847** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **63.4471, 0.3232, 0.3737**, and the grayscale version is **50.3323, 0.3127, 0.3290**.

A 20% lighter version of the original color is **87.3256, 0.3137, 0.3088**, and **23.1346, 0.2973, 0.2731** is the 20% darker color. If you saturate the color by 10%, you get **39.5555, 0.2920, 0.2566**, and if you desaturate by 10%, it is **59.3838, 0.3080, 0.3111**.

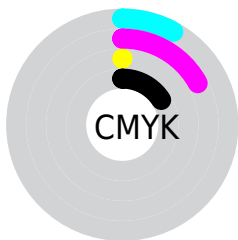
Distribution



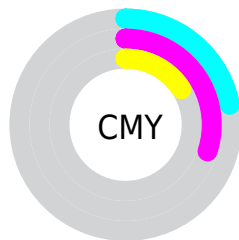
- Red (78%)
- Green (70%)
- Blue (84%)



- Red (78%)
- Yellow (70%)
- Blue (84%)



- Cyan (8%)
- Magenta (17%)
- Yellow (0%)
- Black (16%)





- Cyan (22%)
- Magenta (30%)
- Yellow (16%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 48.7529, 0.3006, 0.2847 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 48.7529, 0.3006, 0.2847 by changing the saturation by 10% instead.


 48.7529, 0.3006,
0.2847

 48.7529, 0.3006,
0.2847


381.7687, 0.3068,
0.3060

 34.4235, 0.2990,
0.2796


 88.3243, 0.3029,
0.2923

 23.2191, 0.2970,
0.2732


114.3352, 0.3037,
0.2952

 14.7554, 0.2942,
0.2650


145.0086, 0.3045,
0.2976

 8.6479, 0.2903,
0.2539

180.7291, 0.3051,
0.2998

 4.5122, 0.2844,
0.2383

221.8809, 0.3056,
0.3016

 1.9640, 0.2747,
0.2148

268.8485, 0.3061,

 0.5864, 0.2586,

0.3033

0.1682

322.0163, 0.3065,
0.3047

0.0000, 0.0000,
0.0000

48.7529, 0.3006,
0.2847

48.7529, 0.3006,
0.2847

39.5555, 0.2920,
0.2566

59.3838, 0.3080,
0.3111

31.7214, 0.2821,
0.2275

71.5019, 0.3144,
0.3356

25.1838, 0.2712,
0.1983

85.1656, 0.3197,
0.3579

19.8674, 0.2594,
0.1702

94.5363, 0.3250,
0.3695

15.6890, 0.2471,
0.1447

96.2942, 0.3314,
0.3687

■ 12.5547, 0.2348,
0.1231

■ 97.6884, 0.3363,
0.3680

■ 10.3547, 0.2230,
0.1065

■ 8.9427, 0.2122,
0.0953

■ 8.6217, 0.2093,
0.0927

Harmonies

Analogous

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



48.7529, 0.2752, 0.2806



48.7529, 0.3006, 0.2847



48.7529, 0.3304, 0.2992

Triad

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



48.7529, 0.3006, 0.2847



48.7529, 0.3677, 0.3673



48.7529, 0.2704, 0.3351

Complementary

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



48.7529, 0.3006, 0.2847



63.4471, 0.3232, 0.3737

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.



48.7529, 0.2936, 0.3618



48.7529, 0.3006, 0.2847



48.7529, 0.3500, 0.3801

Square

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



48.7529, 0.3006, 0.2847



48.7529, 0.3702, 0.3455



48.7529, 0.3227, 0.3786



48.7529, 0.2585, 0.3081

Rectangle

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



48.7529, 0.3006, 0.2847



48.7529, 0.3487, 0.3132



48.7529, 0.3227, 0.3786



48.7529, 0.2771, 0.3445

Sweetspot

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



48.7550, 0.3006, 0.2847



91.0365, 0.3095, 0.3166



53.5338, 0.2857, 0.3046



19.2256, 0.3090, 0.3149



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.



48.7550, 0.3006, 0.2847



66.0823, 0.2973, 0.2737



51.1414, 0.3157, 0.2879



12.3353, 0.3065, 0.3055



5.2184, 0.2108, 0.0935



0.3637, 0.2289, 0.1035

Inverse Universe

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



50.2392, 0.3310, 0.3090



68.7406, 0.3362, 0.3041



61.3521, 0.3097, 0.3738



12.5150, 0.3220, 0.3183



9.2010, 0.5113, 0.2590



0.5716, 0.4700, 0.2363

Previews

White Background



This preview shows how the Yxy color 48.7529, 0.3006, 0.2847 looks on a white background.

Color Contrast Check

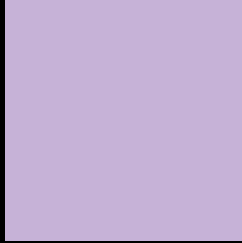
Large Text (above 18pt) WCAG AA × Fail

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 48.7529, 0.3006, 0.2847 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

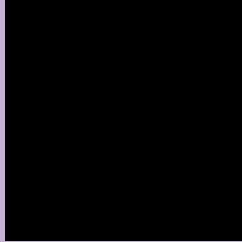
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 48.7529, 0.3006, 0.2847

Background



This preview shows how black text looks on a background with the Yxy color 48.7529, 0.3006, 0.2847.



This preview shows how white text looks on a background with the Yxy color 48.7529, 0.3006, 0.2847.

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

48.7529, 0.3006, 0.2847

Protanopia

48.9792, 0.2830, 0.2857

Deuteranopia

48.8499, 0.2950, 0.2888



Tritanopia

48.6354, 0.3127, 0.3105

Trichromacy



Original Color

48.7529, 0.3006, 0.2847

Protanomaly

48.9570, 0.2890, 0.2850

Deuteranomaly

48.8350, 0.2973, 0.2878

Tritanomaly

48.6901, 0.3081, 0.3009

Monochromacy



Original Color

48.7529, 0.3006, 0.2847

Achromatopsia

50.2886, 0.3127, 0.3290

Achromatomaly

49.5647, 0.3085, 0.3116

CSS Examples

Text

The CSS property to change the color of the text to Yxy 48.7529, 0.3006, 0.2847 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(198, 178, 215)` looks like.

```
.text, #text, p{  
    color:rgb(198, 178, 215)  
}
```

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(198, 178, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 178, 215) }
```

Border

The CSS property to change the border of an element to Yxy 48.7529, 0.3006, 0.2847 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(198, 178, 215) }
```

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

```
.border{ border-color:rgb(198, 178, 215) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 178, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 178, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 178, 215);  
box-shadow:4px 4px 4px 4px rgb(198, 178,  
215) }
```


Background

The CSS property to change the background color of an element to Yxy 48.7529, 0.3006, 0.2847 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 178, 215) }
```

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

```
.background{ background-color: rgb(198,  
178, 215) }
```

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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