

Converting Colors

Yxy(47.9735, 0.3138, 0.3068)

Have a look what the booklet for
Yxy(47.9735, 0.3138, 0.3068)
contains.

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Color

Yxy(48.1417, 0.3138, 0.3069)

Conversions

Conversions Part 1

Format	Color
Hex	C5B3C5
RGB	197, 179, 197
RGB Percent	77%, 70%, 77%
CMY	0.2274, 0.2980, 0.2276
CMYK	0.00, 0.09, 0.00, 0.23
HSL	300°, 13%, 74%
HSV	300°, 9%, 77%
XYZ	49.2241, 48.1417, 59.4987
YIQ	186.4340, 4.9500, 9.4140

Conversions

Conversions Part 2

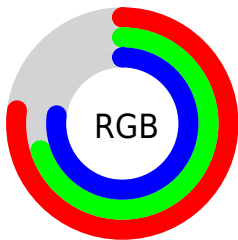
Format	Color
RYB	197, 179, 197
Decimal	12956613
CIELab	74.91, 9.66, -6.76
CIELCh	75, 11.789, 325.000
Yxy	48.1417, 0.3138, 0.3069
Android (android.graphics.Color)	4291146693 (0xFFC5B3C5)
YUV	186.4340, 5.2090, 9.2664
Hunter-Lab	69.3842, 5.2130, -2.2737

Details

The Yxy color **48.1417, 0.3138, 0.3069** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **52.7822, 0.3116, 0.3521**, and the grayscale version is **49.3283, 0.3127, 0.3290**.

A 20% lighter version of the original color is **87.6432, 0.3136, 0.3106**, and **22.7445, 0.3140, 0.3008** is the 20% darker color. If you saturate the color by 10%, you get **40.7996, 0.3150, 0.2822**, and if you desaturate by 10%, it is **56.6163, 0.3126, 0.3310**.

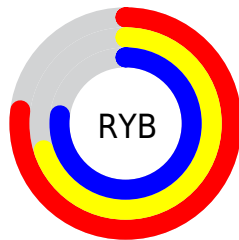
Distribution



Red (77%)

Green (70%)

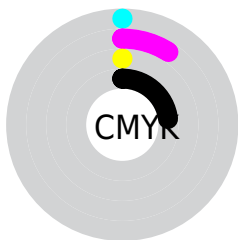
Blue (77%)



Red (77%)

Yellow (70%)

Blue (77%)

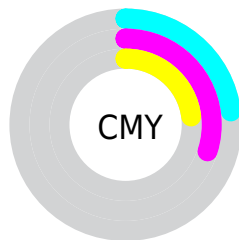


Cyan (0%)

Magenta (9%)

Yellow (0%)

Black (23%)



Cyan (23%)


Magenta (30%)


Yellow (23%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 48.1417, 0.3138, 0.3069 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 48.1417, 0.3138, 0.3069 by changing the saturation by 10% instead.


 48.1417, 0.3138,
0.3069

 48.1417, 0.3138,
0.3069


379.3535, 0.3133,
0.3177

 33.9391, 0.3139,
0.3043


 87.4153, 0.3137,
0.3108

 22.8468, 0.3140,
0.3009


113.2552, 0.3136,
0.3123

 14.4804, 0.3141,
0.2965


143.7429, 0.3135,
0.3135

 8.4556, 0.3142,
0.2905

179.2629, 0.3135,
0.3146

 4.3878, 0.3143,
0.2818

220.1996, 0.3134,
0.3155

 1.8928, 0.3143,
0.2681

266.9373, 0.3134,

 0.5440, 0.3183,

0.3163

0.2300

319.8605, 0.3134,
0.3171

0.0000, 0.0000,
0.0000

48.1417, 0.3138,
0.3069

48.1417, 0.3138,
0.3069

40.7996, 0.3150,
0.2822

56.6163, 0.3126,
0.3310

34.5361, 0.3162,
0.2575

66.2619, 0.3115,
0.3541

29.3024, 0.3174,
0.2338

77.1230, 0.3104,
0.3757

25.0432, 0.3185,
0.2119

87.4335, 0.3096,
0.3929

21.6984, 0.3195,
0.1927

87.4363, 0.3096,
0.3929

■ 19.2011, 0.3204,
0.1772

■ 87.4390, 0.3095,
0.3928

■ 17.4752, 0.3210,
0.1657

■ 87.4418, 0.3095,
0.3927

■ 16.4310, 0.3214,
0.1585

■ 87.4446, 0.3095,
0.3927

■ 15.9142, 0.3217,
0.1548

■ 87.4474, 0.3094,
0.3926

Harmonies

Analogous

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



48.1417, 0.2979, 0.3017



48.1417, 0.3138, 0.3069



48.1417, 0.3298, 0.3176

Triad

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



48.1417, 0.3138, 0.3069



48.1417, 0.3397, 0.3546



48.1417, 0.2849, 0.3256

Complementary

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



48.1417, 0.3138, 0.3069



52.7822, 0.3116, 0.3521

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.



48.1417, 0.2956, 0.3407



48.1417, 0.3138, 0.3069



48.1417, 0.3272, 0.3577

Square

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



48.1417, 0.3138, 0.3069



48.1417, 0.3450, 0.3448



48.1417, 0.3110, 0.3526



48.1417, 0.2815, 0.3120

Rectangle

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



48.1417, 0.3138, 0.3069



48.1417, 0.3382, 0.3266



48.1417, 0.3110, 0.3526



48.1417, 0.2877, 0.3307

Sweetspot

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



48.1438, 0.3138, 0.3069



95.2143, 0.3131, 0.3217



45.8575, 0.2987, 0.3058



20.1130, 0.3132, 0.3198



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.



48.1438, 0.3138, 0.3069



83.3853, 0.3140, 0.3019



47.7455, 0.3210, 0.3178



10.8161, 0.3138, 0.3063



10.4413, 0.3217, 0.1546



0.4946, 0.3215, 0.1545

Inverse Universe

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



48.1438, 0.3138, 0.3069



83.3853, 0.3140, 0.3019



53.1564, 0.3051, 0.3405



10.8161, 0.3138, 0.3063



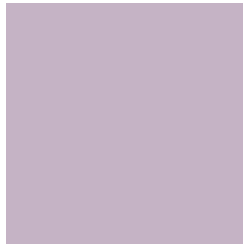
10.4413, 0.3217, 0.1546



0.4946, 0.3215, 0.1545

Previews

White Background



This preview shows how the Yxy color 48.1417, 0.3138, 0.3069 looks on a white background.

Color Contrast Check

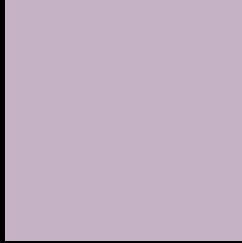
Large Text (above 18pt) WCAG AA × Fail

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 48.1417, 0.3138, 0.3069 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

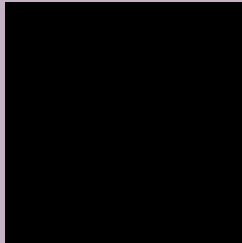
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 48.1417, 0.3138, 0.3069

Background



This preview shows how black text looks on a background with the Yxy color 48.1417, 0.3138, 0.3069.



This preview shows how white text looks on a background with the Yxy color 48.1417, 0.3138, 0.3069.

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

48.1417, 0.3138, 0.3069

Protanopia

48.1044, 0.2997, 0.3075

Deuteranopia

48.1417, 0.3138, 0.3069



Tritanopia

48.4079, 0.3161, 0.3117

Trichromacy



Original Color

48.1417, 0.3138, 0.3069

Protanomaly

48.2708, 0.3045, 0.3077

Deuteranomaly

48.1417, 0.3138, 0.3069

Tritanomaly

48.4530, 0.3153, 0.3105

Monochromacy



Original Color

48.1417, 0.3138, 0.3069

Achromatopsia

49.1021, 0.3127, 0.3290

Achromatomaly

48.5318, 0.3131, 0.3202

CSS Examples

Text

The CSS property to change the color of the text to Yxy 48.1417, 0.3138, 0.3069 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(197, 179, 197)` looks like.

```
.text, #text, p{  
    color:rgb(197, 179, 197)  
}
```

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(197, 179, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 179, 197) }
```

Border

The CSS property to change the border of an element to Yxy 48.1417, 0.3138, 0.3069 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(197, 179, 197) }
```

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

```
.border{ border-color:rgb(197, 179, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 179, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 179, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 179, 197);  
box-shadow:4px 4px 4px 4px rgb(197, 179,  
197) }
```


Background

The CSS property to change the background color of an element to Yxy 48.1417, 0.3138, 0.3069 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 179, 197) }
```

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

```
.background{ background-color: rgb(197,  
179, 197) }
```

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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