

Converting Colors

$Yxy(49.9198, 0.3038, 0.2886)$

Have a look what the booklet for
Yxy(49.9198, 0.3038, 0.2886)
contains.

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Color

Yxy(49.9151, 0.3038, 0.2886)

Conversions

Conversions Part 1

Format	Color
Hex	C9B4D6
RGB	201, 180, 214
RGB Percent	79%, 71%, 84%
CMY	0.2118, 0.2941, 0.1607
CMYK	0.06, 0.16, 0.00, 0.16
HSL	277°, 29%, 77%
HSV	277°, 16%, 84%
XYZ	52.5440, 49.9151, 70.4969
YIQ	190.1550, 1.6020, 15.0260

Conversions

Conversions Part 2

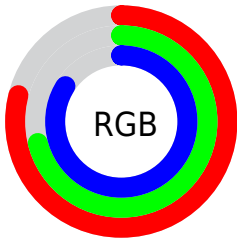
Format	Color
R _Y B	201, 180, 214
Decimal	13219030
CIE Lab	76.02, 13.73, -14.37
CIE LCh	76, 19.879, 313.702
Yxy	49.9151, 0.3038, 0.2886
Android (android.graphics.Color)	4291409110 (0xFFC9B4D6)
YUV	190.1550, 11.7556, 9.5111
Hunter-Lab	70.6506, 9.1148, -9.7055

Details

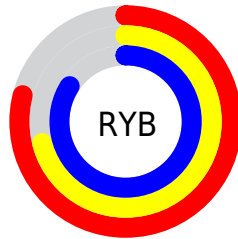
The Yxy color $49.9151, 0.3038, 0.2886$ is a light color, and the websafe version is hex `CCCCFF`. A complement of this color would be $62.7435, 0.3204, 0.3702$, and the grayscale version is $51.5172, 0.3127, 0.3290$.

A 20% lighter version of the original color is $88.4709, 0.3136, 0.3107$, and $23.8850, 0.3016, 0.2783$ is the 20% darker color. If you saturate the color by 10%, you get $40.8254, 0.2969, 0.2612$, and if you desaturate by 10%, it is $60.4041, 0.3097, 0.3146$.

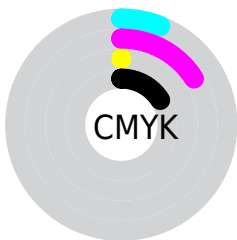
Distribution



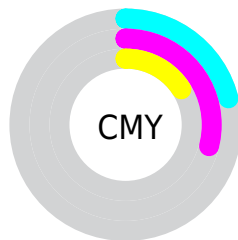
- Red (79%)
- Green (71%)
- Blue (84%)



- Red (79%)
- Yellow (71%)
- Blue (84%)



- Cyan (6%)
- Magenta (16%)
- Yellow (0%)
- Black (16%)





- Cyan (21%)
- Magenta (29%)
- Yellow (16%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 49.9151, 0.3038, 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 49.9151, 0.3038, 0.2886 by changing the saturation by 10% instead.


 49.9151, 0.3038,
0.2886

 49.9151, 0.3038,
0.2886


386.3338, 0.3084,
0.3080

 35.3459, 0.3026,
0.2840


 90.0491, 0.3055,
0.2955

 23.9295, 0.3011,
0.2782


116.3827, 0.3061,
0.2981

 15.2813, 0.2990,
0.2707


147.4066, 0.3067,
0.3004

 9.0171, 0.2961,
0.2606

183.5051, 0.3071,
0.3023

 4.7523, 0.2917,
0.2465

225.0627, 0.3075,
0.3040

 2.1027, 0.2843,
0.2251

272.4638, 0.3078,

 0.6661, 0.2714,

0.3055

0.1855

326.0927, 0.3081,
0.3068

0.0000, 0.0000,
0.0000

49.9151, 0.3038,
0.2886

49.9151, 0.3038,
0.2886

40.8254, 0.2969,
0.2612

60.4041, 0.3097,
0.3146

33.0665, 0.2890,
0.2330

72.3439, 0.3146,
0.3387

26.5739, 0.2801,
0.2048

85.7913, 0.3188,
0.3608

21.2750, 0.2704,
0.1778

93.8355, 0.3231,
0.3708

17.0895, 0.2602,
0.1533

95.2552, 0.3284,
0.3702

■ 13.9270, 0.2497,
0.1325

■ 96.7401, 0.3338,
0.3695

■ 11.6823, 0.2395,
0.1164

■ 97.6361, 0.3369,
0.3691

■ 10.2255, 0.2298,
0.1055

■ 9.7585, 0.2260,
0.1019

Harmonies

Analogous

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



49.9151, 0.2796, 0.2840



49.9151, 0.3038, 0.2886



49.9151, 0.3314, 0.3028

Triad

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



49.9151, 0.3038, 0.2886



49.9151, 0.3627, 0.3660



49.9151, 0.2721, 0.3326

Complementary

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



49.9151, 0.3038, 0.2886



62.7435, 0.3204, 0.3702

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.



49.9151, 0.2930, 0.3574



49.9151, 0.3038, 0.2886



49.9151, 0.3454, 0.3767

Square

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



49.9151, 0.3038, 0.2886



49.9151, 0.3663, 0.3463



49.9151, 0.3198, 0.3740



49.9151, 0.2620, 0.3079

Rectangle

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



49.9151, 0.3038, 0.2886



49.9151, 0.3479, 0.3162



49.9151, 0.3198, 0.3740



49.9151, 0.2781, 0.3413

Sweetspot

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



49.9172, 0.3038, 0.2886



91.2178, 0.3101, 0.3167



52.9726, 0.2877, 0.3038



19.2697, 0.3098, 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.



49.9172, 0.3038, 0.2886



69.5333, 0.3016, 0.2797



51.6298, 0.3172, 0.2937



12.3839, 0.3077, 0.3056



5.9586, 0.2274, 0.1026



0.4063, 0.2435, 0.1115

Inverse Universe

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



50.7982, 0.3315, 0.3137



71.1111, 0.3362, 0.3103



61.2442, 0.3085, 0.3671



12.4988, 0.3232, 0.3201



9.0287, 0.5431, 0.2766



0.5605, 0.4964, 0.2508

Previews

White Background



This preview shows how the Yxy color 49.9151, 0.3038, 0.2886 looks on a white background.

Color Contrast Check

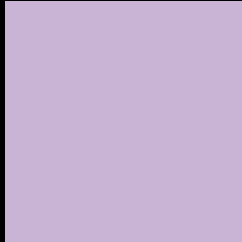
Large Text (above 18pt) WCAG AA × Fail

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 49.9151, 0.3038, 0.2886 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

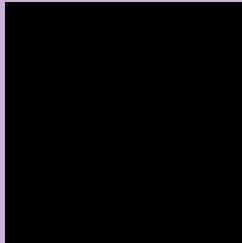
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 49.9151, 0.3038, 0.2886

Background



This preview shows how black text looks on a background with the Yxy color 49.9151, 0.3038, 0.2886.



This preview shows how white text looks on a background with the Yxy color 49.9151, 0.3038, 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

49.9151, 0.3038, 0.2886

Protanopia

50.1249, 0.2861, 0.2897

Deuteranopia

50.0085, 0.2981, 0.2927



Tritanopia

49.9040, 0.3144, 0.3119

Trichromacy



Original Color

49.9151, 0.3038, 0.2886

Protanomaly

50.1096, 0.2921, 0.2890

Deuteranomaly

49.9958, 0.3005, 0.2917

Tritanomaly

49.9098, 0.3106, 0.3036

Monochromacy



Original Color

49.9151, 0.3038, 0.2886

Achromatopsia

51.4918, 0.3127, 0.3290

Achromatomaly

50.7107, 0.3093, 0.3130

CSS Examples

Text

The CSS property to change the color of the text to Yxy 49.9151, 0.3038, 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(201, 180, 214)` looks like.

```
.text, #text, p{  
    color:rgb(201, 180, 214)  
}
```

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(201, 180, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 180, 214) }
```

Border

The CSS property to change the border of an element to Yxy 49.9151, 0.3038, 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(201, 180, 214) }
```

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

```
.border{ border-color:rgb(201, 180, 214) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 180, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 180, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 180, 214);  
box-shadow:4px 4px 4px 4px rgb(201, 180,  
214) }
```


Background

The CSS property to change the background color of an element to Yxy 49.9151, 0.3038, 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(201, 180, 214) }
```

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

```
.background{ background-color: rgb(201,  
180, 214) }
```

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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