

Converting Colors

Yxy(49.8521, 0.3140, 0.2862)

Have a look what the booklet for
Yxy(49.8521, 0.3140, 0.2862)
contains.

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Color

Yxy(49.8518, 0.3139, 0.2861)

Conversions

Conversions Part 1

Format	Color
Hex	D4B0D5
RGB	212, 176, 213
RGB Percent	83%, 69%, 84%
CMY	0.1685, 0.3098, 0.1647
CMYK	0.00, 0.17, 0.00, 0.16
HSL	298°, 31%, 76%
HSV	298°, 17%, 84%
XYZ	54.6958, 49.8518, 69.6984
YIQ	190.9820, 9.5790, 19.1390

Conversions

Conversions Part 2

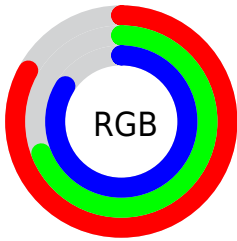
Format	Color
R_{YB}	212, 176, 213
Decimal	13938901
CIE _{Lab}	75.98, 19.43, -13.78
CIE _{LCh}	76, 23.821, 324.649
Yxy	49.8518, 0.3139, 0.2861
Android (android.graphics.Color)	4292128981 (0xFFD4B0D5)
YUV	190.9820, 10.8549, 18.4328
Hunter-Lab	70.6058, 14.7175, -9.1040

Details

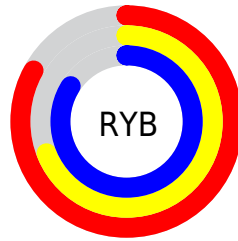
The Yxy color $49.8518, 0.3139, 0.2861$ is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be $60.0724, 0.3112, 0.3758$, and the grayscale version is $52.0243, 0.3127, 0.3290$.

A 20% lighter version of the original color is $86.1932, 0.3138, 0.3068$, and $23.8026, 0.3141, 0.2753$ is the 20% darker color. If you saturate the color by 10%, you get $42.0631, 0.3145, 0.2610$, and if you desaturate by 10%, it is $58.9558, 0.3132, 0.3111$.

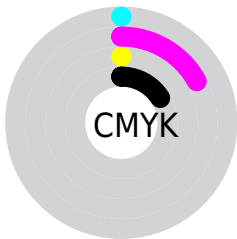
Distribution



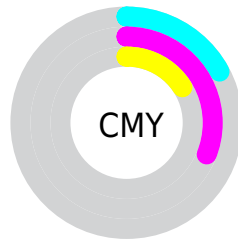
- Red (83%)
- Green (69%)
- Blue (84%)



- Red (83%)
- Yellow (69%)
- Blue (84%)



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





- Cyan (17%)
- Magenta (31%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 49.8518, 0.3139, 0.2861 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 49.8518, 0.3139, 0.2861 by changing the saturation by 10% instead.

 49.8518, 0.3139,
0.2861

 49.8518, 0.3139,
0.2861


386.0861, 0.3136,
0.3066

 35.2957, 0.3139,
0.2813


 89.9553, 0.3139,
0.2933

 23.8907, 0.3138,
0.2752


116.2714, 0.3138,
0.2961

 15.2526, 0.3137,
0.2674


147.2762, 0.3138,
0.2985

 8.9968, 0.3134,
0.2569

183.3543, 0.3137,
0.3006

 4.7391, 0.3127,
0.2423

224.8899, 0.3137,
0.3024

 2.0950, 0.3111,
0.2203

272.2675, 0.3137,

 0.6618, 0.3082,

0.3039

0.1803

325.8714, 0.3136,
0.3053

0.0000, 0.0965,
0.0000

0.0000, 0.0000,
0.0000

49.8518, 0.3139,
0.2861

49.8518, 0.3139,
0.2861

42.0631, 0.3145,
0.2610

58.9558, 0.3132,
0.3111

35.5222, 0.3150,
0.2366

69.4254, 0.3125,
0.3352

30.1655, 0.3153,
0.2138

81.3166, 0.3118,
0.3582

25.9211, 0.3155,
0.1936

90.6636, 0.3114,
0.3735

■ 22.7095, 0.3155,
0.1768

■ 90.7484, 0.3118,
0.3735

■ 20.4405, 0.3153,
0.1641

■ 90.8334, 0.3121,
0.3734

■ 19.0085, 0.3150,
0.1557

■ 90.9188, 0.3125,
0.3734

■ 18.2699, 0.3144,
0.1514

■ 91.0045, 0.3128,
0.3733

■ 18.1276, 0.3143,
0.1505

■ 91.0904, 0.3131,
0.3733

Harmonies

Analogous

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



49.8518, 0.2826, 0.2761



49.8518, 0.3139, 0.2861



49.8518, 0.3464, 0.3061

Triad

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



49.8518, 0.3139, 0.2861



49.8518, 0.3666, 0.3793



49.8518, 0.2583, 0.3216

Complementary

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



49.8518, 0.3139, 0.2861



60.0724, 0.3112, 0.3758

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.



49.8518, 0.2788, 0.3529



49.8518, 0.3139, 0.2861



49.8518, 0.3412, 0.3873

Square

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



49.8518, 0.3139, 0.2861



49.8518, 0.3776, 0.3586



49.8518, 0.3089, 0.3779



49.8518, 0.2518, 0.2946

Rectangle

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



49.8518, 0.3139, 0.2861



49.8518, 0.3638, 0.3231



49.8518, 0.3089, 0.3779



49.8518, 0.2637, 0.3320

Sweetspot

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



49.8540, 0.3139, 0.2861



92.0695, 0.3131, 0.3168



45.5664, 0.2844, 0.2837



19.4772, 0.3131, 0.3150



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.



49.8540, 0.3139, 0.2861



70.1967, 0.3141, 0.2765



49.1682, 0.3289, 0.3057



12.6152, 0.3134, 0.3060



11.0790, 0.3144, 0.1506



0.6736, 0.3156, 0.1512

Inverse Universe

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



48.3677, 0.3451, 0.3279



67.5486, 0.3541, 0.3277



60.6862, 0.2992, 0.3535



12.4261, 0.3287, 0.3284



8.6510, 0.6370, 0.3283



0.5237, 0.6275, 0.3230

Previews

White Background



This preview shows how the Yxy color 49.8518, 0.3139, 0.2861 looks on a white background.

Color Contrast Check

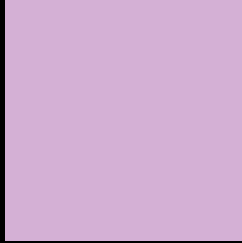
Large Text (above 18pt) WCAG AA × Fail

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 49.8518, 0.3139, 0.2861 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 49.8518, 0.3139, 0.2861

Background



This preview shows how black text looks on a background with the Yxy color 49.8518, 0.3139, 0.2861.



This preview shows how white text looks on a background with the Yxy color 49.8518, 0.3139, 0.2861.

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

49.8518, 0.3139, 0.2861

Protanopia

50.1089, 0.2840, 0.2873

Deuteranopia

50.0898, 0.2996, 0.2939



Tritanopia

49.6458, 0.3273, 0.3123

Trichromacy



Original Color

49.8518, 0.3139, 0.2861

Protanomaly

49.6721, 0.2944, 0.2868

Deuteranomaly

49.8135, 0.3054, 0.2909

Tritanomaly

49.7126, 0.3225, 0.3030

Monochromacy



Original Color

49.8518, 0.3139, 0.2861

Achromatopsia

52.0996, 0.3127, 0.3290

Achromatomaly

51.3834, 0.3135, 0.3132

CSS Examples

Text

The CSS property to change the color of the text to Yxy 49.8518, 0.3139, 0.2861 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(212, 176, 213)` looks like.

```
.text, #text, p{  
    color:rgb(212, 176, 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(212, 176, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 176, 213) }
```

Border

The CSS property to change the border of an element to Yxy 49.8518, 0.3139, 0.2861 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(212, 176, 213) }
```

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

```
.border{ border-color:rgb(212, 176, 213) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 176, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 176, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 176, 213);  
box-shadow:4px 4px 4px 4px rgb(212, 176,  
213) }
```


Background

The CSS property to change the background color of an element to Yxy 49.8518, 0.3139, 0.2861 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 176, 213) }
```

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

```
.background{ background-color: rgb(212,  
176, 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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