

Converting Colors

Yxy(49.1858, 0.3127, 0.2841)

Have a look what the booklet for
Yxy(49.1858, 0.3127, 0.2841)
contains.

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Color

Yxy(49.3129, 0.3131, 0.2848)

Conversions

Conversions Part 1

Format	Color
Hex	D3AFD5
RGB	211, 175, 213
RGB Percent	83%, 69%, 84%
CMY	0.1724, 0.3138, 0.1646
CMYK	0.01, 0.18, 0.00, 0.16
HSL	297°, 31%, 76%
HSV	297°, 18%, 84%
XYZ	54.2130, 49.3129, 69.6233
YIQ	190.0960, 9.2580, 19.4500

Conversions

Conversions Part 2

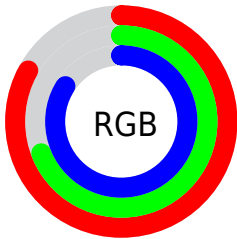
Format	Color
RYB	211, 175, 213
Decimal	13873109
CIELab	75.65, 19.64, -14.29
CIELCh	76, 24.287, 323.946
Yxy	49.3129, 0.3131, 0.2848
Android (android.graphics.Color)	4292063189 (0xFFD3AFD5)
YUV	190.0960, 11.2917, 18.3328
Hunter-Lab	70.2231, 14.9134, -9.6273

Details

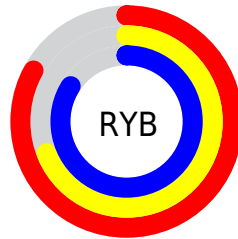
The Yxy color $49.3129, 0.3131, 0.2848$ is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be $60.0365, 0.3119, 0.3771$, and the grayscale version is $51.4836, 0.3127, 0.3290$.

A 20% lighter version of the original color is $85.6318, 0.3138, 0.3058$, and $23.4556, 0.3130, 0.2735$ is the 20% darker color. If you saturate the color by 10%, you get $41.5038, 0.3131, 0.2595$, and if you desaturate by 10%, it is $58.4353, 0.3129, 0.3099$.

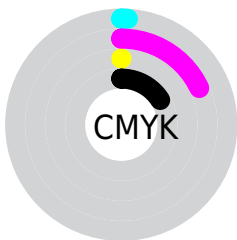
Distribution



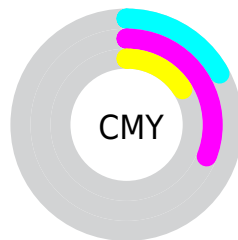
- Red (83%)
- Green (69%)
- Blue (84%)



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



- Cyan (1%)
- Magenta (18%)
- Yellow (0%)
- Black (16%)





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

Brightness & Saturation Gradients

These gradients show how the Yxy color 49.3129, 0.3131, 0.2848 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 49.3129, 0.3131, 0.2848 by changing the saturation by 10% instead.


 49.3129, 0.3131,
0.2848

 49.3129, 0.3131,
0.2848

383.9728, 0.3132,
0.3059

 34.8678, 0.3130,
0.2798


 89.1560, 0.3132,
0.2923

 23.5610, 0.3128,
0.2735


115.3227, 0.3132,
0.2951

 15.0083, 0.3125,
0.2655


146.1655, 0.3132,
0.2976

 8.8252, 0.3119,
0.2547

182.0686, 0.3132,
0.2997

 4.6274, 0.3108,
0.2395

223.4165, 0.3132,
0.3016

 2.0303, 0.3086,
0.2169

270.5936, 0.3132,

 0.6250, 0.3049,

0.3032

0.1740

323.9842, 0.3132,
0.3046

■ 0.0000, 0.0427,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 49.3129, 0.3131,
0.2848

■ 49.3129, 0.3131,
0.2848

■ 41.5038, 0.3131,
0.2595

■ 58.4353, 0.3129,
0.3099

■ 34.9405, 0.3130,
0.2349

■ 68.9219, 0.3126,
0.3341


■ 29.5590, 0.3127,
0.2118

■ 80.8284, 0.3123,
0.3571


■ 25.2872, 0.3121,
0.1912


■ 90.8448, 0.3121,
0.3734

 22.0451, 0.3114,
0.1741

 91.0140, 0.3128,
0.3733


 19.7418, 0.3104,
0.1611

 91.1845, 0.3135,
0.3732


 18.2710, 0.3093,
0.1524

 91.3560, 0.3142,
0.3731

 17.4813, 0.3080,
0.1477

 91.5288, 0.3149,
0.3731

 17.3487, 0.3078,
0.1469

 91.7026, 0.3156,
0.3730

Harmonies

Analogous

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



49.3129, 0.2813, 0.2748



49.3129, 0.3131, 0.2848



49.3129, 0.3464, 0.3050

Triad

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



49.3129, 0.3131, 0.2848



49.3129, 0.3683, 0.3801



49.3129, 0.2574, 0.3221

Complementary

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



49.3129, 0.3131, 0.2848



60.0365, 0.3119, 0.3771

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.



49.3129, 0.2786, 0.3542



49.3129, 0.3131, 0.2848



49.3129, 0.3425, 0.3887

Square

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



49.3129, 0.3131, 0.2848



49.3129, 0.3792, 0.3586



49.3129, 0.3096, 0.3795



49.3129, 0.2504, 0.2943

Rectangle

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



49.3129, 0.3131, 0.2848



49.3129, 0.3645, 0.3222



49.3129, 0.3096, 0.3795



49.3129, 0.2630, 0.3328

Sweetspot

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



49.3150, 0.3131, 0.2848



92.0073, 0.3129, 0.3168



45.5699, 0.2837, 0.2840



19.4620, 0.3129, 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.



49.3150, 0.3131, 0.2848



69.9375, 0.3131, 0.2763



48.8150, 0.3284, 0.3036



12.5982, 0.3130, 0.3060



10.6095, 0.3080, 0.1470



0.6502, 0.3103, 0.1483

Inverse Universe

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



47.9781, 0.3453, 0.3267



67.6147, 0.3530, 0.3262



60.4928, 0.2996, 0.3559



12.4312, 0.3283, 0.3278



8.6606, 0.6341, 0.3267



0.5261, 0.6157, 0.3166

Previews

White Background



This preview shows how the Yxy color 49.3129, 0.3131, 0.2848 looks on a white background.

Color Contrast Check

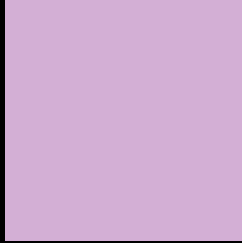
Large Text (above 18pt) WCAG AA × Fail

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 49.3129, 0.3131, 0.2848 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

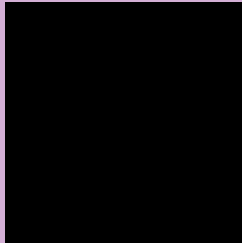
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 49.3129, 0.3131, 0.2848

Background



This preview shows how black text looks on a background with the Yxy color 49.3129, 0.3131, 0.2848.



This preview shows how white text looks on a background with the Yxy color 49.3129, 0.3131, 0.2848.

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

49.3129, 0.3131, 0.2848

Protanopia

49.5685, 0.2832, 0.2859

Deuteranopia

49.5468, 0.2988, 0.2926



Tritanopia

49.5004, 0.3265, 0.3122

Trichromacy



Original Color

49.3129, 0.3131, 0.2848

Protanomaly

49.1339, 0.2936, 0.2854

Deuteranomaly

49.2730, 0.3046, 0.2896

Tritanomaly

49.5662, 0.3217, 0.3029

Monochromacy



Original Color

49.3129, 0.3131, 0.2848

Achromatopsia

51.4918, 0.3127, 0.3290

Achromatomaly

50.7809, 0.3135, 0.3132

CSS Examples

Text

The CSS property to change the color of the text to Yxy 49.3129, 0.3131, 0.2848 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(211, 175, 213)` looks like.

```
.text, #text, p{  
    color:rgb(211, 175, 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(211, 175, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 175, 213) }
```

Border

The CSS property to change the border of an element to Yxy 49.3129, 0.3131, 0.2848 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(211, 175, 213) }
```

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

```
.border{ border-color:rgb(211, 175, 213) }
```

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

Here you see how a box with a 4 pixel `rgb(211, 175, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 175, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 175, 213);  
box-shadow:4px 4px 4px 4px rgb(211, 175,  
213) }
```


Background

The CSS property to change the background color of an element to Yxy 49.3129, 0.3131, 0.2848 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 175, 213) }
```

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

```
.background{ background-color: rgb(211,  
175, 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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