

Converting Colors

$Yxy(49.0896, 0.3141, 0.2807)$

Have a look what the booklet for
Yxy(49.0896, 0.3141, 0.2807)
contains.

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Color

Yxy(49.0896, 0.3141, 0.2807)

Conversions

Conversions Part 1

Format	Color
Hex	D6ADD7
RGB	214, 173, 215
RGB Percent	84%, 68%, 84%
CMY	0.1609, 0.3215, 0.1569
CMYK	0.00, 0.20, 0.00, 0.16
HSL	299°, 34%, 76%
HSV	299°, 20%, 84%
XYZ	54.9307, 49.0896, 70.8625
YIQ	190.0470, 10.9540, 21.7540

Conversions

Conversions Part 2

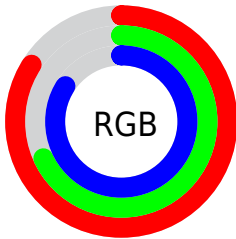
Format	Color
R _Y B	214, 173, 215
Decimal	14069207
CIE Lab	75.51, 22.05, -15.55
CIE LCh	76, 26.985, 324.815
Yxy	49.0896, 0.3141, 0.2807
Android (android.graphics.Color)	4292259287 (0xFFD6ADD7)
YUV	190.0470, 12.3018, 21.0068
Hunter-Lab	70.0640, 17.3334, -10.9210

Details

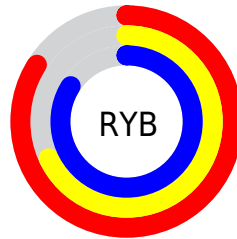
The Yxy color **49.0896, 0.3141, 0.2807** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **60.6185, 0.3110, 0.3823**, and the grayscale version is **51.4435, 0.3127, 0.3290**.

A 20% lighter version of the original color is **84.5186, 0.3139, 0.3039**, and **23.3419, 0.3144, 0.2682** is the 20% darker color. If you saturate the color by 10%, you get **41.4188, 0.3147, 0.2557**, and if you desaturate by 10%, it is **58.0916, 0.3134, 0.3058**.

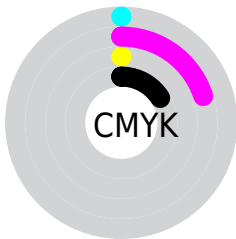
Distribution



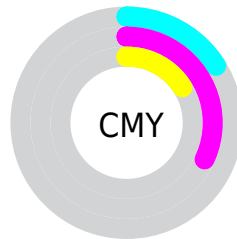
- Red (84%)
- Green (68%)
- Blue (84%)



- Red (84%)
- Yellow (68%)
- Blue (84%)



- Cyan (0%)
- Magenta (20%)
- Yellow (0%)
- Black (16%)





- Cyan (16%)
- Magenta (32%)
- Yellow (16%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 49.0896, 0.3141, 0.2807 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 49.0896, 0.3141, 0.2807 by changing the saturation by 10% instead.

 49.0896, 0.3141,
0.2807

 49.0896, 0.3141,
0.2807

383.0949, 0.3138,
0.3037

 34.6906, 0.3141,
0.2753


 88.8245, 0.3141,
0.2888

 23.4246, 0.3140,
0.2685


114.9292, 0.3140,
0.2919

 14.9073, 0.3138,
0.2598


145.7045, 0.3140,
0.2946

 8.7544, 0.3134,
0.2482

181.5349, 0.3139,
0.2969

 4.5813, 0.3125,
0.2320

222.8047, 0.3139,
0.2989

 2.0038, 0.3104,
0.2079

269.8984, 0.3139,

 0.6097, 0.3070,

0.3007

0.1629

323.2004, 0.3138,
0.3023

0.0000, 0.1074,
0.0000

0.0000, 0.0000,
0.0000

49.0896, 0.3141,
0.2807

49.0896, 0.3141,
0.2807

41.4188, 0.3147,
0.2557

58.0916, 0.3134,
0.3058

35.0095, 0.3152,
0.2315

68.4775, 0.3127,
0.3301

29.7952, 0.3156,
0.2092

80.3050, 0.3119,
0.3534

25.7011, 0.3158,
0.1897

91.0355, 0.3114,
0.3712

■ 22.6436, 0.3158,
0.1738

■ 91.1160, 0.3117,
0.3712

■ 20.5277, 0.3156,
0.1621

■ 91.1968, 0.3121,
0.3711

■ 19.2407, 0.3153,
0.1547

■ 91.2779, 0.3124,
0.3711

■ 18.5913, 0.3148,
0.1509

■ 91.3592, 0.3127,
0.3711

■ 18.5653, 0.3147,
0.1508

■ 91.4408, 0.3130,
0.3710

Harmonies

Analogous

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



49.0896, 0.2786, 0.2693



49.0896, 0.3141, 0.2807



49.0896, 0.3512, 0.3032

Triad

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



49.0896, 0.3141, 0.2807



49.0896, 0.3738, 0.3861



49.0896, 0.2510, 0.3200

Complementary

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



49.0896, 0.3141, 0.2807



60.6185, 0.3110, 0.3823

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.



49.0896, 0.2739, 0.3561



49.0896, 0.3141, 0.2807



49.0896, 0.3446, 0.3957

Square

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



49.0896, 0.3141, 0.2807



49.0896, 0.3867, 0.3623



49.0896, 0.3079, 0.3850



49.0896, 0.2439, 0.2895

Rectangle

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



49.0896, 0.3141, 0.2807



49.0896, 0.3711, 0.3222



49.0896, 0.3079, 0.3850



49.0896, 0.2570, 0.3320

Sweetspot

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



49.0917, 0.3141, 0.2807



90.5525, 0.3132, 0.3143



44.2279, 0.2805, 0.2774



19.1717, 0.3132, 0.3127



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.



49.0917, 0.3141, 0.2807



67.8459, 0.3143, 0.2714



48.2999, 0.3313, 0.3027



12.6164, 0.3134, 0.3060



11.1126, 0.3148, 0.1508



0.6753, 0.3160, 0.1514

Inverse Universe

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



47.3995, 0.3501, 0.3279



64.9655, 0.3592, 0.3276



61.3153, 0.2976, 0.3569



12.4257, 0.3287, 0.3285



8.6503, 0.6372, 0.3284



0.5235, 0.6283, 0.3235

Previews

White Background



This preview shows how the Yxy color 49.0896, 0.3141, 0.2807 looks on a white background.

Color Contrast Check

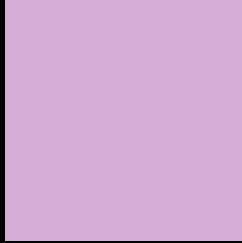
Large Text (above 18pt) WCAG AA × Fail

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 49.0896, 0.3141, 0.2807 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

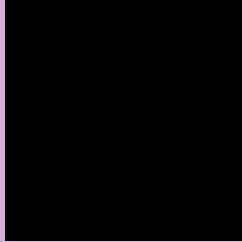
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 49.0896, 0.3141, 0.2807

Background



This preview shows how black text looks on a background with the Yxy color 49.0896, 0.3141, 0.2807.



This preview shows how white text looks on a background with the Yxy color 49.0896, 0.3141, 0.2807.

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

49.0896, 0.3141, 0.2807

Protanopia

49.4906, 0.2797, 0.2823

Deuteranopia

49.3364, 0.2965, 0.2913



Tritanopia

49.0548, 0.3310, 0.3123

Trichromacy



Original Color

49.0896, 0.3141, 0.2807

Protanomaly

49.2914, 0.2914, 0.2821

Deuteranomaly

49.2374, 0.3022, 0.2872

Tritanomaly

49.2178, 0.3245, 0.3007

Monochromacy



Original Color

49.0896, 0.3141, 0.2807

Achromatopsia

51.4918, 0.3127, 0.3290

Achromatomaly

50.5466, 0.3136, 0.3108

CSS Examples

Text

The CSS property to change the color of the text to Yxy 49.0896, 0.3141, 0.2807 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(214, 173, 215)` looks like.

```
.text, #text, p{  
    color:rgb(214, 173, 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(214, 173, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 173, 215) }
```

Border

The CSS property to change the border of an element to Yxy 49.0896, 0.3141, 0.2807 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(214, 173, 215) }
```

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

```
.border{ border-color:rgb(214, 173, 215) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 173, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 173, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 173, 215);  
box-shadow:4px 4px 4px 4px rgb(214, 173,  
215) }
```


Background

The CSS property to change the background color of an element to Yxy 49.0896, 0.3141, 0.2807 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 173, 215) }
```

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

```
.background{ background-color: rgb(214,  
173, 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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