

Converting Colors

$Yxy(47.4579, 0.3407, 0.3138)$

Have a look what the booklet for
Yxy(47.4579, 0.3407, 0.3138)
contains.

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Color

Yxy(47.4549, 0.3405, 0.3136)

Conversions

Conversions Part 1

Format	Color
Hex	D7ACB9
RGB	215, 172, 185
RGB Percent	84%, 67%, 73%
CMY	0.1570, 0.3254, 0.2745
CMYK	0.00, 0.20, 0.14, 0.16
HSL	342°, 35%, 76%
HSV	342°, 20%, 84%
XYZ	51.5255, 47.4549, 52.3426
YIQ	186.3390, 21.4550, 13.1590

Conversions

Conversions Part 2

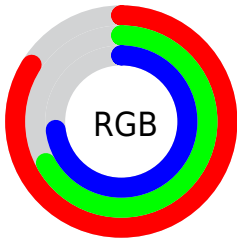
Format	Color
R _Y B	215, 172, 185
Decimal	14134457
CIE Lab	74.48, 17.69, -0.67
CIE LCh	74, 17.705, 357.819
Yxy	47.4549, 0.3405, 0.3136
Android (android.graphics.Color)	4292324537 (0xFFD7ACB9)
YUV	186.3390, -0.6601, 25.1357
Hunter-Lab	68.8875, 12.9587, 3.1711

Details

The Yxy color **47.4549, 0.3405, 0.3136** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **61.6184, 0.2910, 0.3450**, and the grayscale version is **49.2973, 0.3127, 0.3290**.

A 20% lighter version of the original color is **83.0977, 0.3230, 0.3163**, and **22.5725, 0.3486, 0.3101** is the 20% darker color. If you saturate the color by 10%, you get **39.3241, 0.3592, 0.3054**, and if you desaturate by 10%, it is **56.9803, 0.3252, 0.3215**.

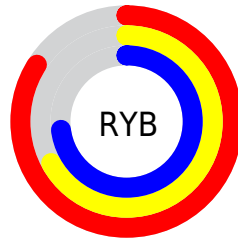
Distribution



Red (84%)

Green (67%)

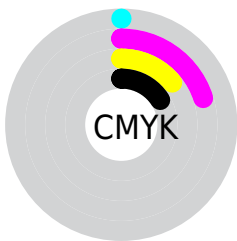
Blue (73%)



Red (84%)

Yellow (67%)

Blue (73%)

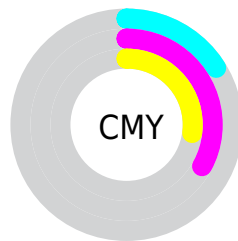


Cyan (0%)

Magenta (20%)

Yellow (14%)

Black (16%)



Cyan (16%)


Magenta (33%)


Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 47.4549, 0.3405, 0.3136 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 47.4549, 0.3405, 0.3136 by changing the saturation by 10% instead.

 47.4549, 0.3405,
0.3136

 47.4549, 0.3405,
0.3136


376.6274, 0.3267,
0.3213

 33.3954, 0.3439,
0.3117


 86.3922, 0.3355,
0.3164

 22.4295, 0.3484,
0.3093

112.0389, 0.3336,
0.3174

 14.1729, 0.3542,
0.3060


142.3167, 0.3320,
0.3183

 8.2410, 0.3624,
0.3016

177.6101, 0.3306,
0.3191

 4.2495, 0.3745,
0.2949

218.3035, 0.3294,
0.3197

 1.8141, 0.3945,
0.2841

264.7813, 0.3284,

 0.4959, 0.4552,

0.3203

0.2495

317.4277, 0.3275,
0.3208

0.0000, 0.0000,
0.0000

47.4549, 0.3405,
0.3136

47.4549, 0.3405,
0.3136

39.3241, 0.3592,
0.3054

56.9803, 0.3252,
0.3215

32.5159, 0.3820,
0.2973

67.9551, 0.3127,
0.3290

26.9616, 0.4091,
0.2898

80.4389, 0.3025,
0.3359

22.5835, 0.4406,
0.2839

92.5537, 0.2942,
0.3392

19.2953, 0.4756,
0.2807

93.1814, 0.2888,
0.3289

■ 16.9987, 0.5121,
0.2813

■ 15.5774, 0.5472,
0.2866

■ 14.8243, 0.5779,
0.2957

■ 14.8228, 0.5779,
0.2957

Harmonies

Analogous

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



47.4549, 0.3165, 0.2974



47.4549, 0.3405, 0.3136



47.4549, 0.3572, 0.3340

Triad

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



47.4549, 0.3405, 0.3136



47.4549, 0.3321, 0.3726



47.4549, 0.2663, 0.3015

Complementary

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



47.4549, 0.3405, 0.3136



61.6184, 0.2910, 0.3450

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.



47.4549, 0.2701, 0.3214



47.4549, 0.3405, 0.3136



47.4549, 0.3075, 0.3639

Square

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



47.4549, 0.3405, 0.3136



47.4549, 0.3520, 0.3684



47.4549, 0.2850, 0.3446



47.4549, 0.2742, 0.2900

Rectangle

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



47.4549, 0.3405, 0.3136



47.4549, 0.3616, 0.3476



47.4549, 0.2850, 0.3446



47.4549, 0.2662, 0.3074

Sweetspot

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



47.4570, 0.3405, 0.3136



89.9551, 0.3200, 0.3245



46.8852, 0.3035, 0.2779



19.0304, 0.3208, 0.3240



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.



47.4570, 0.3405, 0.3136



64.5232, 0.3480, 0.3101



50.0202, 0.3503, 0.3385



12.4820, 0.3244, 0.3220



8.8858, 0.5740, 0.2936



0.5505, 0.5243, 0.2662

Inverse Universe

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



47.4570, 0.3405, 0.3136



64.5232, 0.3480, 0.3101



58.3466, 0.2824, 0.3192



12.4820, 0.3244, 0.3220



8.8858, 0.5740, 0.2936



0.5505, 0.5243, 0.2662

Previews

White Background



This preview shows how the Yxy color 47.4549, 0.3405, 0.3136 looks on a white background.

Color Contrast Check

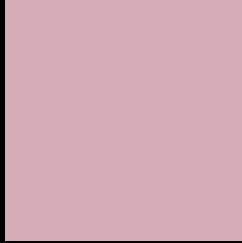
Large Text (above 18pt) WCAG AA × Fail

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 47.4549, 0.3405, 0.3136 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

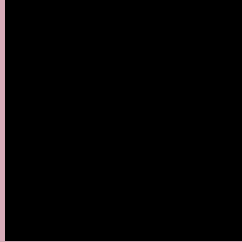
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 47.4549, 0.3405, 0.3136

Background



This preview shows how black text looks on a background with the Yxy color 47.4549, 0.3405, 0.3136.



This preview shows how white text looks on a background with the Yxy color 47.4549, 0.3405, 0.3136.

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

47.4549, 0.3405, 0.3136

Protanopia

47.4078, 0.3074, 0.3175

Deuteranopia

47.7190, 0.3280, 0.3216



Tritanopia

47.4549, 0.3405, 0.3136

Trichromacy



Original Color

47.4549, 0.3405, 0.3136

Protanomaly

47.1170, 0.3186, 0.3153

Deuteranomaly

47.6332, 0.3327, 0.3193

Tritanomaly

47.4549, 0.3405, 0.3136

Monochromacy



Original Color

47.4549, 0.3405, 0.3136

Achromatopsia

49.1021, 0.3127, 0.3290

Achromatomaly

48.4632, 0.3225, 0.3228

CSS Examples

Text

The CSS property to change the color of the text to Yxy 47.4549, 0.3405, 0.3136 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(215, 172, 185)` looks like.

```
.text, #text, p{  
    color:rgb(215, 172, 185)  
}
```

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(215, 172, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 172, 185) }
```

Border

The CSS property to change the border of an element to Yxy 47.4549, 0.3405, 0.3136 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(215, 172, 185) }
```

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

```
.border{ border-color:rgb(215, 172, 185) }
```

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

Here you see how a box with a 4 pixel `rgb(215, 172, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 172, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 172, 185);  
box-shadow:4px 4px 4px 4px rgb(215, 172,  
185) }
```


Background

The CSS property to change the background color of an element to Yxy 47.4549, 0.3405, 0.3136 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 172, 185) }
```

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

```
.background{ background-color: rgb(215,  
172, 185) }
```

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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