

Converting Colors

$Y_{xy}(46.7159, 0.3358, 0.3169)$

Have a look what the booklet for
Yxy(46.7159, 0.3358, 0.3169)
contains.

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Color

Yxy(46.7159, 0.3358, 0.3169)

Conversions

Conversions Part 1

Format	Color
Hex	D0ADB7
RGB	208, 173, 183
RGB Percent	82%, 68%, 72%
CMY	0.1843, 0.3215, 0.2824
CMYK	0.00, 0.17, 0.12, 0.18
HSL	343°, 27%, 75%
HSV	343°, 17%, 82%
XYZ	49.5020, 46.7159, 51.1973
YIQ	184.6050, 17.6500, 10.5300

Conversions

Conversions Part 2

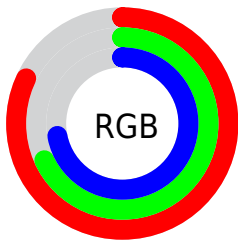
Format	Color
R_{YB}	208, 173, 183
Decimal	13675959
CIE _{Lab}	74.01, 14.32, -0.34
CIE _{LCh}	74, 14.323, 358.654
Yxy	46.7159, 0.3358, 0.3169
Android (android.graphics.Color)	4291866039 (0xFFD0ADB7)
YUV	184.6050, -0.7913, 20.5174
Hunter-Lab	68.3490, 9.6685, 3.4327

Details

The Yxy color **46.7159, 0.3358, 0.3169** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **58.0766, 0.2939, 0.3415**, and the grayscale version is **48.2828, 0.3127, 0.3290**.

A 20% lighter version of the original color is **83.5306, 0.3242, 0.3192**, and **22.0588, 0.3421, 0.3143** is the 20% darker color. If you saturate the color by 10%, you get **38.7650, 0.3538, 0.3092**, and if you desaturate by 10%, it is **55.9783, 0.3211, 0.3243**.

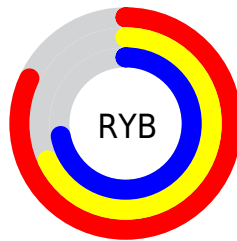
Distribution



Red (82%)

Green (68%)

Blue (72%)



Red (82%)

Yellow (68%)

Blue (72%)

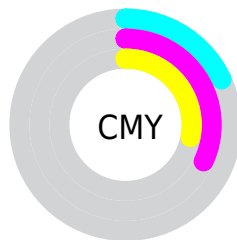


Cyan (0%)

Magenta (17%)

Yellow (12%)

Black (18%)



Cyan (18%)


Magenta (32%)


Yellow (28%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 46.7159, 0.3358, 0.3169 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 46.7159, 0.3358, 0.3169 by changing the saturation by 10% instead.


 46.7159, 0.3358,
0.3169

 46.7159, 0.3358,
0.3169

373.6794, 0.3243,
0.3230

 32.8111, 0.3387,
0.3154


 85.2894, 0.3316,
0.3191

 21.9818, 0.3424,
0.3135


110.7269, 0.3300,
0.3199

 13.8435, 0.3473,
0.3109


140.7774, 0.3287,
0.3206

 8.0119, 0.3542,
0.3073

175.8254, 0.3276,
0.3212

 4.1026, 0.3645,
0.3019

216.2552, 0.3266,
0.3217

 1.7311, 0.3816,
0.2930

262.4512, 0.3257,

 0.4437, 0.4480,

0.3222

0.2577

314.7978, 0.3249,
0.3226

0.0000, 0.0000,
0.0000

46.7159, 0.3358,
0.3169

46.7159, 0.3358,
0.3169

38.7650, 0.3538,
0.3092

55.9783, 0.3211,
0.3243

32.0599, 0.3757,
0.3015

66.6013, 0.3092,
0.3311

26.5389, 0.4021,
0.2942

78.6393, 0.2995,
0.3375

22.1324, 0.4330,
0.2881

91.3692, 0.2915,
0.3420

18.7632, 0.4679,
0.2843

92.1503, 0.2849,
0.3289

■ 16.3447, 0.5051,
0.2838

■ 14.7757, 0.5417,
0.2877

■ 13.9240, 0.5741,
0.2959

■ 13.7291, 0.5834,
0.2988

Harmonies

Analogous

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



46.7159, 0.3165, 0.3033



46.7159, 0.3358, 0.3169



46.7159, 0.3490, 0.3337

Triad

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



46.7159, 0.3358, 0.3169



46.7159, 0.3281, 0.3642



46.7159, 0.2748, 0.3064

Complementary

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



46.7159, 0.3358, 0.3169



58.0766, 0.2939, 0.3415

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.



46.7159, 0.2777, 0.3225



46.7159, 0.3358, 0.3169



46.7159, 0.3080, 0.3568

Square

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



46.7159, 0.3358, 0.3169



46.7159, 0.3444, 0.3614



46.7159, 0.2897, 0.3412



46.7159, 0.2816, 0.2970

Rectangle

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



46.7159, 0.3358, 0.3169



46.7159, 0.3524, 0.3449



46.7159, 0.2897, 0.3412



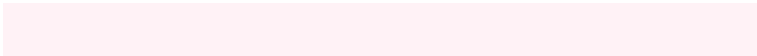
46.7159, 0.2746, 0.3112

Sweetspot

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



46.7180, 0.3358, 0.3169



91.5599, 0.3188, 0.3255



46.3822, 0.3057, 0.2865



19.3533, 0.3197, 0.3250



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.



46.7180, 0.3358, 0.3169



69.5359, 0.3415, 0.3143



49.0724, 0.3432, 0.3377



11.8629, 0.3246, 0.3224



8.5710, 0.5798, 0.2968



0.4930, 0.5265, 0.2674

Inverse Universe

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



46.7180, 0.3358, 0.3169



69.5359, 0.3415, 0.3143



55.2141, 0.2871, 0.3202



11.8629, 0.3246, 0.3224



8.5710, 0.5798, 0.2968



0.4930, 0.5265, 0.2674

Previews

White Background



This preview shows how the Yxy color 46.7159, 0.3358, 0.3169 looks on a white background.

Color Contrast Check

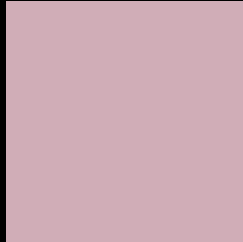
Large Text (above 18pt) WCAG AA × Fail

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 46.7159, 0.3358, 0.3169 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

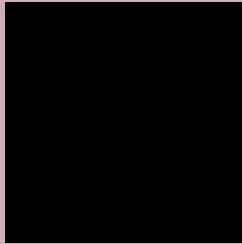
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 46.7159, 0.3358, 0.3169

Background



This preview shows how black text looks on a background with the Yxy color 46.7159, 0.3358, 0.3169.



This preview shows how white text looks on a background with the Yxy color 46.7159, 0.3358, 0.3169.

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

46.7159, 0.3358, 0.3169

Protanopia

46.8689, 0.3097, 0.3200

Deuteranopia

46.5702, 0.3281, 0.3215



Tritanopia

46.8422, 0.3332, 0.3133

Trichromacy



Original Color

46.7159, 0.3358, 0.3169

Protanomaly

46.7234, 0.3193, 0.3189

Deuteranomaly

46.5939, 0.3309, 0.3204

Tritanomaly

46.7998, 0.3340, 0.3145

Monochromacy



Original Color

46.7159, 0.3358, 0.3169

Achromatopsia

48.5150, 0.3127, 0.3290

Achromatomaly

47.8459, 0.3206, 0.3252

CSS Examples

Text

The CSS property to change the color of the text to Yxy 46.7159, 0.3358, 0.3169 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(208, 173, 183)` looks like.

```
.text, #text, p{  
    color:rgb(208, 173, 183)  
}
```

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(208, 173, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 173, 183) }
```

Border

The CSS property to change the border of an element to Yxy 46.7159, 0.3358, 0.3169 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(208, 173, 183) }
```

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

```
.border{ border-color:rgb(208, 173, 183) }
```

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

Here you see how a box with a 4 pixel `rgb(208, 173, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 173, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 173, 183);  
box-shadow:4px 4px 4px 4px rgb(208, 173,  
183) }
```


Background

The CSS property to change the background color of an element to Yxy 46.7159, 0.3358, 0.3169 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 173, 183) }
```

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

```
.background{ background-color: rgb(208,  
173, 183) }
```

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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