

Converting Colors

$Y_{xy}(46.9766, 0.3424, 0.3160)$

Have a look what the booklet for
Yxy(46.9766, 0.3424, 0.3160)
contains.

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Color

Yxy(46.7994, 0.3425, 0.3159)

Conversions

Conversions Part 1

Format	Color
Hex	D6ABB6
RGB	214, 171, 182
RGB Percent	84%, 67%, 71%
CMY	0.1607, 0.3294, 0.2863
CMYK	0.00, 0.20, 0.15, 0.16
HSL	345°, 34%, 75%
HSV	345°, 20%, 84%
XYZ	50.7401, 46.7994, 50.6068
YIQ	185.1110, 22.0970, 12.5370

Conversions

Conversions Part 2

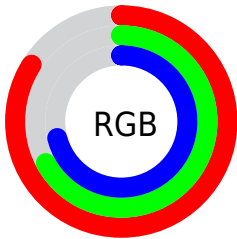
Format	Color
R _Y B	214, 171, 182
Decimal	14068662
CIE Lab	74.06, 17.41, 0.36
CIE LCh	74, 17.418, 1.172
Yxy	46.7994, 0.3425, 0.3159
Android (android.graphics.Color)	4292258742 (0xFFD6ABB6)
YUV	185.1110, -1.5337, 25.3357
Hunter-Lab	68.4101, 12.6767, 4.0269

Details

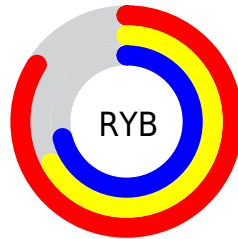
The Yxy color **46.7994, 0.3425, 0.3159** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **61.0726, 0.2896, 0.3426**, and the grayscale version is **48.5816, 0.3127, 0.3290**.

A 20% lighter version of the original color is **81.8258, 0.3251, 0.3172**, and **22.1496, 0.3514, 0.3131** is the 20% darker color. If you saturate the color by 10%, you get **38.7386, 0.3626, 0.3090**, and if you desaturate by 10%, it is **56.2484, 0.3261, 0.3226**.

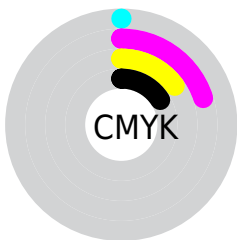
Distribution



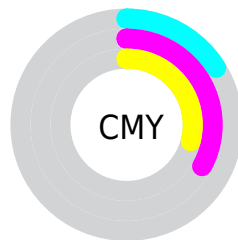
- Red (84%)
- Green (67%)
- Blue (71%)



- Red (84%)
- Yellow (67%)
- Blue (71%)



- Cyan (0%)
- Magenta (20%)
- Yellow (15%)
- Black (16%)



- Cyan (16%)
- Magenta (33%)
- Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 46.7994, 0.3425, 0.3159 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 46.7994, 0.3425, 0.3159 by changing the saturation by 10% instead.


 46.7994, 0.3425,
0.3159

 46.7994, 0.3425,
0.3159

374.0132, 0.3276,
0.3225

 32.8771, 0.3462,
0.3143


 85.4141, 0.3371,
0.3183

 22.0323, 0.3510,
0.3121


110.8753, 0.3351,
0.3192

 13.8806, 0.3574,
0.3093


140.9516, 0.3333,
0.3200

 8.0377, 0.3663,
0.3053

176.0274, 0.3319,
0.3206

 4.1191, 0.3796,
0.2994

216.4870, 0.3306,
0.3212

 1.7404, 0.4017,
0.2895

262.7150, 0.3295,

 0.4496, 0.4825,

0.3217

0.2545

315.0956, 0.3285,
0.3221

0.0000, 0.0000,
0.0000

46.7994, 0.3425,
0.3159

46.7994, 0.3425,
0.3159

38.7386, 0.3626,
0.3090

56.2484, 0.3261,
0.3226

31.9942, 0.3871,
0.3021

67.1404, 0.3128,
0.3289

26.4977, 0.4164,
0.2959

79.5347, 0.3020,
0.3348

22.1716, 0.4504,
0.2911

92.4558, 0.2932,
0.3385

18.9299, 0.4881,
0.2889

93.0386, 0.2883,
0.3289

■ 16.6746, 0.5270,
0.2902

■ 15.2896, 0.5634,
0.2957

■ 14.5711, 0.5936,
0.3044

Harmonies

Analogous

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



46.7994, 0.3193, 0.2992



46.7994, 0.3425, 0.3159



46.7994, 0.3578, 0.3362

Triad

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



46.7994, 0.3425, 0.3159



46.7994, 0.3293, 0.3717



46.7994, 0.2671, 0.3001

Complementary

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



46.7994, 0.3425, 0.3159



61.0726, 0.2896, 0.3426

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.



46.7994, 0.2696, 0.3190



46.7994, 0.3425, 0.3159



46.7994, 0.3049, 0.3618

Square

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



46.7994, 0.3425, 0.3159



46.7994, 0.3498, 0.3690



46.7994, 0.2832, 0.3419



46.7994, 0.2762, 0.2898

Rectangle

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



46.7994, 0.3425, 0.3159



46.7994, 0.3611, 0.3496



46.7994, 0.2832, 0.3419



46.7994, 0.2666, 0.3056

Sweetspot

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



46.8015, 0.3425, 0.3159



89.9115, 0.3204, 0.3252



46.6147, 0.3053, 0.2779



19.0201, 0.3213, 0.3248



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.



46.8015, 0.3425, 0.3159



64.3794, 0.3503, 0.3130



50.3020, 0.3501, 0.3412



12.4723, 0.3251, 0.3231



8.8202, 0.5899, 0.3024



0.5455, 0.5400, 0.2748

Inverse Universe

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



46.8015, 0.3425, 0.3159



64.3794, 0.3503, 0.3130



56.6897, 0.2821, 0.3165



12.4723, 0.3251, 0.3231



8.8202, 0.5899, 0.3024



0.5455, 0.5400, 0.2748

Previews

White Background



This preview shows how the Yxy color 46.7994, 0.3425, 0.3159 looks on a white background.

Color Contrast Check

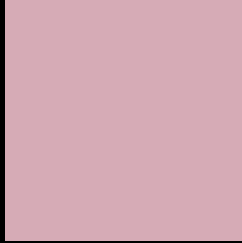
Large Text (above 18pt) WCAG AA × Fail

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 46.7994, 0.3425, 0.3159 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

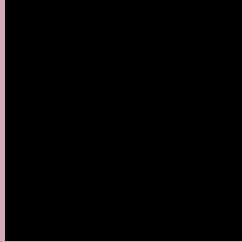
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 46.7994, 0.3425, 0.3159

Background



This preview shows how black text looks on a background with the Yxy color 46.7994, 0.3425, 0.3159.



This preview shows how white text looks on a background with the Yxy color 46.7994, 0.3425, 0.3159.

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

46.7994, 0.3425, 0.3159

Protanopia

46.8689, 0.3097, 0.3200

Deuteranopia

46.6662, 0.3299, 0.3228



Tritanopia

46.8827, 0.3407, 0.3135

Trichromacy



Original Color

46.7994, 0.3425, 0.3159

Protanomaly

46.5916, 0.3211, 0.3177

Deuteranomaly

46.5874, 0.3347, 0.3204

Tritanomaly

46.8409, 0.3416, 0.3147

Monochromacy



Original Color

46.7994, 0.3425, 0.3159

Achromatopsia

48.5150, 0.3127, 0.3290

Achromatomaly

47.8390, 0.3233, 0.3240

CSS Examples

Text

The CSS property to change the color of the text to Yxy 46.7994, 0.3425, 0.3159 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, 171, 182)` looks like.

```
.text, #text, p{  
    color:rgb(214, 171, 182)  
}
```

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, 171, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 171, 182) }
```

Border

The CSS property to change the border of an element to Yxy 46.7994, 0.3425, 0.3159 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, 171, 182) }
```

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

```
.border{ border-color:rgb(214, 171, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 171, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 171, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 171, 182);  
box-shadow:4px 4px 4px 4px rgb(214, 171,  
182) }
```


Background

The CSS property to change the background color of an element to Yxy 46.7994, 0.3425, 0.3159 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 171, 182) }
```

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

```
.background{ background-color: rgb(214,  
171, 182) }
```

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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