

Converting Colors

Yxy(41.8482, 0.3309, 0.3174)

Have a look what the booklet for
Yxy(41.8482, 0.3309, 0.3174)
contains.

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Color

Yxy(41.8369, 0.3310, 0.3174)

Conversions

Conversions Part 1

Format	Color
Hex	C2A6AF
RGB	194, 166, 175
RGB Percent	76%, 65%, 69%
CMY	0.2391, 0.3491, 0.3136
CMYK	0.00, 0.14, 0.10, 0.24
HSL	341°, 19%, 71%
HSV	341°, 14%, 76%
XYZ	43.6295, 41.8369, 46.3448
YIQ	175.3980, 13.7990, 8.7350

Conversions

Conversions Part 2

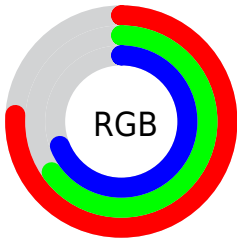
Format	Color
RYB	194, 166, 175
Decimal	12756655
CIELab	70.76, 11.74, -0.86
CIELCh	71, 11.774, 355.804
Yxy	41.8369, 0.3310, 0.3174
Android (android.graphics.Color)	4290946735 (0xFFC2A6AF)
YUV	175.3980, -0.1962, 16.3140
Hunter-Lab	64.6815, 7.2109, 2.7952

Details

The Yxy color **41.8369, 0.3310, 0.3174** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **50.2057, 0.2973, 0.3409**, and the grayscale version is **43.0853, 0.3127, 0.3290**.

A 20% lighter version of the original color is **77.9353, 0.3282, 0.3200**, and **19.0401, 0.3357, 0.3132** is the 20% darker color. If you saturate the color by 10%, you get **34.8171, 0.3472, 0.3088**, and if you desaturate by 10%, it is **49.9750, 0.3178, 0.3255**.

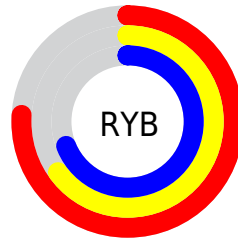
Distribution



Red (76%)

Green (65%)

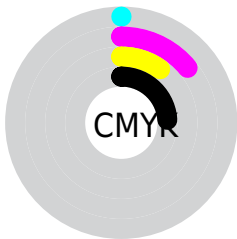
Blue (69%)



Red (76%)

Yellow (65%)

Blue (69%)

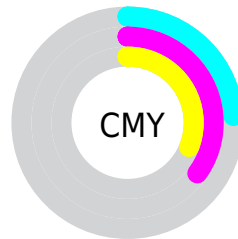


Cyan (0%)

Magenta (14%)

Yellow (10%)

Black (24%)



Cyan (24%)


Magenta (35%)


Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 41.8369, 0.3310, 0.3174 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 41.8369, 0.3310, 0.3174 by changing the saturation by 10% instead.


 41.8369, 0.3310,
0.3174

 41.8369, 0.3310,
0.3174


353.8064, 0.3217,
0.3233

 28.9736, 0.3334,
0.3159


 77.9527, 0.3276,
0.3196

 19.0609, 0.3365,
0.3140


 101.9740, 0.3263,
0.3204

 11.7143, 0.3406,
0.3113


130.4835, 0.3252,
0.3210

 6.5494, 0.3465,
0.3076

163.8654, 0.3243,
0.3216

 3.1819, 0.3557,
0.3020

202.5043, 0.3235,
0.3221

 1.2274, 0.3715,
0.2922

246.7845, 0.3229,

 0.0840, 0.6087,

0.3226

0.1394

297.0904, 0.3222,
0.3229

0.0000, 0.0000,
0.0000

41.8369, 0.3310,
0.3174

41.8369, 0.3310,
0.3174

34.8171, 0.3472,
0.3088

49.9750, 0.3178,
0.3255

28.8610, 0.3668,
0.3001

59.2717, 0.3070,
0.3331

23.9179, 0.3904,
0.2917

69.7722, 0.2982,
0.3401

19.9306, 0.4182,
0.2843

81.5175, 0.2910,
0.3466

16.8364, 0.4500,
0.2790

89.3315, 0.2845,
0.3441

■ 14.5647, 0.4845,
0.2768

■ 90.1452, 0.2778,
0.3300

■ 13.0344, 0.5197,
0.2789

■ 90.2133, 0.2773,
0.3289

■ 12.1471, 0.5524,
0.2859

■ 11.8267, 0.5691,
0.2909

Harmonies

Analogous

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



41.8369, 0.3143, 0.3061



41.8369, 0.3310, 0.3174



41.8369, 0.3429, 0.3318

Triad

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



41.8369, 0.3310, 0.3174



41.8369, 0.3274, 0.3590



41.8369, 0.2801, 0.3109

Complementary

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



41.8369, 0.3310, 0.3174



50.2057, 0.2973, 0.3409

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.



41.8369, 0.2834, 0.3250



41.8369, 0.3310, 0.3174



41.8369, 0.3104, 0.3535

Square

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



41.8369, 0.3310, 0.3174



41.8369, 0.3407, 0.3560



41.8369, 0.2944, 0.3409



41.8369, 0.2852, 0.3021

Rectangle

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



41.8369, 0.3310, 0.3174



41.8369, 0.3463, 0.3414



41.8369, 0.2944, 0.3409



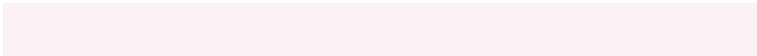
41.8369, 0.2803, 0.3152

Sweetspot

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



41.8388, 0.3310, 0.3174



91.1232, 0.3173, 0.3259



41.4408, 0.3060, 0.2928



19.6902, 0.3182, 0.3252



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.



41.8388, 0.3310, 0.3174



71.9898, 0.3352, 0.3150



43.2255, 0.3383, 0.3351



10.1302, 0.3239, 0.3216



7.7864, 0.5656, 0.2890



0.3492, 0.5012, 0.2535

Inverse Universe

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



41.8388, 0.3310, 0.3174



71.9898, 0.3352, 0.3150



48.5514, 0.2908, 0.3228



10.1302, 0.3239, 0.3216



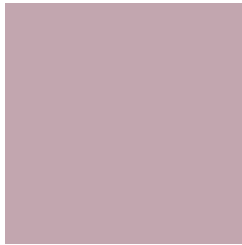
7.7864, 0.5656, 0.2890



0.3492, 0.5012, 0.2535

Previews

White Background



This preview shows how the Yxy color 41.8369, 0.3310, 0.3174 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 41.8369, 0.3310, 0.3174 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

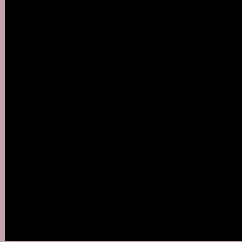
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 41.8369, 0.3310, 0.3174

Background



This preview shows how black text looks on a background with the Yxy color 41.8369, 0.3310, 0.3174.



This preview shows how white text looks on a background with the Yxy color 41.8369, 0.3310, 0.3174.

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

41.8369, 0.3310, 0.3174

Protanopia

41.8737, 0.3096, 0.3196

Deuteranopia

41.9192, 0.3261, 0.3199



Tritanopia

41.5940, 0.3284, 0.3123

Trichromacy



Original Color

41.8369, 0.3310, 0.3174

Protanomaly

41.9089, 0.3168, 0.3184

Deuteranomaly

41.8089, 0.3280, 0.3186

Tritanomaly

41.5539, 0.3293, 0.3136

Monochromacy



Original Color

41.8369, 0.3310, 0.3174

Achromatopsia

42.8690, 0.3127, 0.3290

Achromatomaly

42.5453, 0.3192, 0.3250

CSS Examples

Text

The CSS property to change the color of the text to Yxy 41.8369, 0.3310, 0.3174 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(194, 166, 175)` looks like.

```
.text, #text, p{  
    color:rgb(194, 166, 175)  
}
```

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(194, 166, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 166, 175) }
```

Border

The CSS property to change the border of an element to Yxy 41.8369, 0.3310, 0.3174 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(194, 166, 175) }
```

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

```
.border{ border-color:rgb(194, 166, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 166, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 166, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 166, 175);  
box-shadow:4px 4px 4px 4px rgb(194, 166,  
175) }
```


Background

The CSS property to change the background color of an element to Yxy 41.8369, 0.3310, 0.3174 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 166, 175) }
```

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

```
.background{ background-color: rgb(194,  
166, 175) }
```

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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