

Converting Colors

$Yxy(41.3754, 0.3290, 0.3180)$

Have a look what the booklet for
Yxy(41.3754, 0.3290, 0.3180)
contains.

Yxy(41.4048, 0.3291, 0.3186)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(41.4048, 0.3291, 0.3186)

Conversions

Conversions Part 1

Format	Color
Hex	BFA6AE
RGB	191, 166, 174
RGB Percent	75%, 65%, 68%
CMY	0.2508, 0.3491, 0.3176
CMYK	0.00, 0.13, 0.09, 0.25
HSL	341°, 16%, 70%
HSV	341°, 13%, 75%
XYZ	42.7694, 41.4048, 45.7844
YIQ	174.3870, 12.3320, 7.7880

Conversions

Conversions Part 2

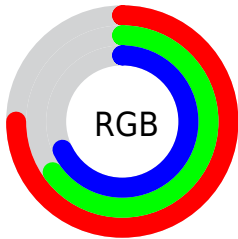
Format	Color
RYB	191, 166, 174
Decimal	12560046
CIELab	70.46, 10.48, -0.77
CIElCh	70, 10.511, 355.803
Yxy	41.4048, 0.3291, 0.3186
Android (android.graphics.Color)	4290750126 (0xFFBFA6AE)
YUV	174.3870, -0.1908, 14.5696
Hunter-Lab	64.3466, 6.0375, 2.8561

Details

The Yxy color **41.4048, 0.3291, 0.3186** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **48.8041, 0.2987, 0.3397**, and the grayscale version is **42.5360, 0.3127, 0.3290**.

A 20% lighter version of the original color is **77.1442, 0.3260, 0.3209**, and **18.7581, 0.3330, 0.3148** is the 20% darker color. If you saturate the color by 10%, you get **34.4874, 0.3449, 0.3102**, and if you desaturate by 10%, it is **49.4066, 0.3162, 0.3266**.

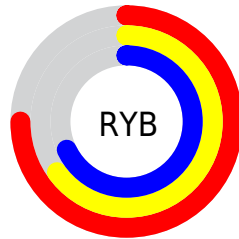
Distribution



Red (75%)

Green (65%)

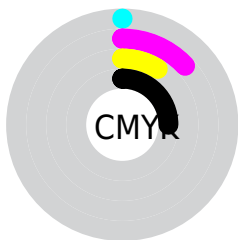
Blue (68%)



Red (75%)

Yellow (65%)

Blue (68%)

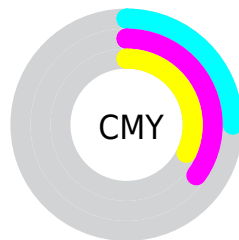


Cyan (0%)

Magenta (13%)

Yellow (9%)

Black (25%)



Cyan (25%)


Magenta (35%)


Yellow (32%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 41.4048, 0.3291, 0.3186 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 41.4048, 0.3291, 0.3186 by changing the saturation by 10% instead.


 41.4048, 0.3291,
0.3186


 41.4048, 0.3291,
0.3186


352.0096, 0.3208,
0.3239

 28.6355, 0.3312,
0.3172


 77.2980, 0.3260,
0.3205

 18.8053, 0.3340,
0.3155


 101.1907, 0.3249,
0.3213

 11.5297, 0.3378,
0.3131


129.5601, 0.3239,
0.3219

 6.4243, 0.3431,
0.3098

162.7904, 0.3231,
0.3224

 3.1047, 0.3514,
0.3046

201.2661, 0.3224,
0.3228

 1.1867, 0.3659,
0.2957

245.3717, 0.3218,

 0.0508, 0.6555,

0.3232

0.1094

295.4914, 0.3212,
0.3236

0.0000, 0.0000,
0.0000

41.4048, 0.3291,
0.3186

41.4048, 0.3291,
0.3186

34.4874, 0.3449,
0.3102

49.4066, 0.3162,
0.3266

28.6020, 0.3640,
0.3015

58.5310, 0.3057,
0.3341

23.7005, 0.3871,
0.2931

68.8213, 0.2971,
0.3409

19.7284, 0.4144,
0.2856

80.3169, 0.2901,
0.3472

16.6261, 0.4458,
0.2799

88.8309, 0.2838,
0.3462

■ 14.3269, 0.4801,
0.2772

■ 89.6265, 0.2773,
0.3321

■ 12.7542, 0.5154,
0.2788

■ 89.8213, 0.2757,
0.3289

■ 11.8165, 0.5488,
0.2850

■ 11.4196, 0.5696,
0.2912

Harmonies

Analogous

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



41.4048, 0.3142, 0.3084



41.4048, 0.3291, 0.3186



41.4048, 0.3397, 0.3315

Triad

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



41.4048, 0.3291, 0.3186



41.4048, 0.3259, 0.3558



41.4048, 0.2834, 0.3128

Complementary

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



41.4048, 0.3291, 0.3186



48.8041, 0.2987, 0.3397

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.



41.4048, 0.2864, 0.3255



41.4048, 0.3291, 0.3186



41.4048, 0.3107, 0.3509

Square

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



41.4048, 0.3291, 0.3186



41.4048, 0.3378, 0.3532



41.4048, 0.2963, 0.3396



41.4048, 0.2880, 0.3049

Rectangle

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



41.4048, 0.3291, 0.3186



41.4048, 0.3428, 0.3402



41.4048, 0.2963, 0.3396



41.4048, 0.2836, 0.3167

Sweetspot

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



41.4066, 0.3291, 0.3186



86.9989, 0.3173, 0.3259



41.0616, 0.3067, 0.2964



18.8523, 0.3182, 0.3253



97.7402, 0.3127, 0.3290



20.4902, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



41.4066, 0.3291, 0.3186



70.0300, 0.3337, 0.3160



42.6457, 0.3356, 0.3345



9.5853, 0.3239, 0.3217



7.5147, 0.5661, 0.2892



0.3066, 0.4966, 0.2510

Inverse Universe

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



41.4066, 0.3291, 0.3186



70.0300, 0.3337, 0.3160



47.3521, 0.2928, 0.3234



9.5853, 0.3239, 0.3217



7.5147, 0.5661, 0.2892



0.3066, 0.4966, 0.2510

Previews

White Background



This preview shows how the Yxy color 41.4048, 0.3291, 0.3186 looks on a white background.

Color Contrast Check

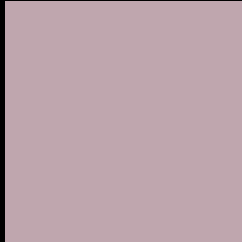
Large Text (above 18pt) WCAG AA × Fail

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 41.4048, 0.3291, 0.3186 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

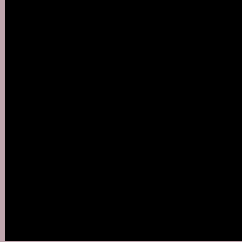
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 41.4048, 0.3291, 0.3186

Background



This preview shows how black text looks on a background with the Yxy color 41.4048, 0.3291, 0.3186.



This preview shows how white text looks on a background with the Yxy color 41.4048, 0.3291, 0.3186.

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

41.4048, 0.3291, 0.3186

Protanopia

41.6780, 0.3104, 0.3222

Deuteranopia

41.3848, 0.3261, 0.3198



Tritanopia

41.3311, 0.3266, 0.3122

Trichromacy



Original Color

41.4048, 0.3291, 0.3186

Protanomaly

41.5873, 0.3167, 0.3210

Deuteranomaly

41.5122, 0.3271, 0.3199

Tritanomaly

41.2911, 0.3275, 0.3135

Monochromacy



Original Color

41.4048, 0.3291, 0.3186

Achromatopsia

42.3268, 0.3127, 0.3290

Achromatomaly

41.8851, 0.3183, 0.3250

CSS Examples

Text

The CSS property to change the color of the text to Yxy 41.4048, 0.3291, 0.3186 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(191, 166, 174)` looks like.

```
.text, #text, p{  
    color:rgb(191, 166, 174)  
}
```

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(191, 166, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 166, 174) }
```

Border

The CSS property to change the border of an element to Yxy 41.4048, 0.3291, 0.3186 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(191, 166, 174) }
```

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

```
.border{ border-color:rgb(191, 166, 174) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 166, 174)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 166, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 166, 174);  
box-shadow:4px 4px 4px 4px rgb(191, 166,  
174) }
```


Background

The CSS property to change the background color of an element to Yxy 41.4048, 0.3291, 0.3186 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 166, 174) }
```

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

```
.background{ background-color: rgb(191,  
166, 174) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor