

Converting Colors

$Yxy(41.4182, 0.3322, 0.3254)$

Have a look what the booklet for
Yxy(41.4182, 0.3322, 0.3254)
contains.

Yxy(41.4869, 0.3316, 0.3251)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(41.4869, 0.3316, 0.3251)

Conversions

Conversions Part 1

Format	Color
Hex	BEA7AA
RGB	190, 167, 170
RGB Percent	75%, 65%, 67%
CMY	0.2548, 0.3451, 0.3333
CMYK	0.00, 0.12, 0.11, 0.25
HSL	352°, 15%, 70%
HSV	352°, 12%, 75%
XYZ	42.3164, 41.4869, 43.8095
YIQ	174.2190, 12.7450, 5.8090

Conversions

Conversions Part 2

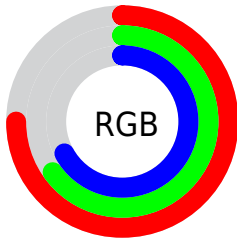
Format	Color
RYB	190, 167, 170
Decimal	12494762
CIELab	70.52, 8.88, 1.52
CIELCh	71, 9.008, 9.685
Yxy	41.4869, 0.3316, 0.3251
Android (android.graphics.Color)	4290684842 (0xFFBEA7AA)
YUV	174.2190, -2.0800, 13.8399
Hunter-Lab	64.4103, 4.5531, 4.7604

Details

The Yxy color **41.4869, 0.3316, 0.3251** is a light color, and the websafe version is hex **999999**. A complement of this color would be **48.6459, 0.2966, 0.3329**, and the grayscale version is **42.4547, 0.3127, 0.3290**.

A 20% lighter version of the original color is **77.2716, 0.3279, 0.3260**, and **18.8037, 0.3366, 0.3237** is the 20% darker color. If you saturate the color by 10%, you get **34.4439, 0.3513, 0.3217**, and if you desaturate by 10%, it is **49.6352, 0.3157, 0.3283**.

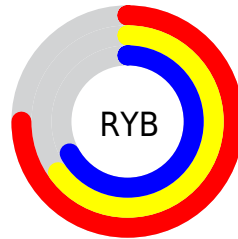
Distribution



Red (75%)

Green (65%)

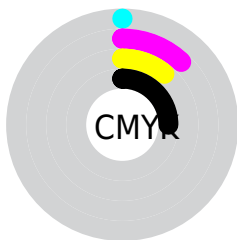
Blue (67%)



Red (75%)

Yellow (65%)

Blue (67%)

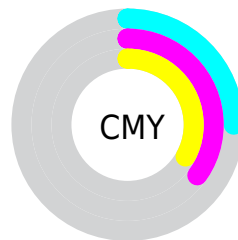


Cyan (0%)

Magenta (12%)

Yellow (11%)

Black (25%)



Cyan (25%)


Magenta (35%)


Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 41.4869, 0.3316, 0.3251 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 41.4869, 0.3316, 0.3251 by changing the saturation by 10% instead.

 41.4869, 0.3316,
0.3251

 41.4869, 0.3316,
0.3251

352.3515, 0.3220,
0.3271

 28.6997, 0.3341,
0.3246


 77.4225, 0.3280,
0.3259

 18.8538, 0.3373,
0.3239


 101.3397, 0.3267,
0.3261

 11.5647, 0.3417,
0.3229


129.7357, 0.3256,
0.3264

 6.4480, 0.3480,
0.3215

162.9949, 0.3247,
0.3266

 3.1194, 0.3577,
0.3192

201.5017, 0.3238,
0.3267

 1.1944, 0.3748,
0.3151

245.6404, 0.3231,

 0.0571, 0.8260,

0.3269

0.1740

295.7956, 0.3225,
0.3270

0.0000, 0.0000,
0.0000

41.4869, 0.3316,
0.3251

41.4869, 0.3316,
0.3251

34.4439, 0.3513,
0.3217

49.6352, 0.3157,
0.3283

28.4535, 0.3758,
0.3182

58.9279, 0.3028,
0.3313

23.4665, 0.4056,
0.3148

69.4087, 0.2924,
0.3341

19.4281, 0.4412,
0.3119

81.1176, 0.2840,
0.3365

16.2780, 0.4820,
0.3101

89.5381, 0.2764,
0.3314

■ 13.9488, 0.5257,
0.3101

■ 89.6918, 0.2752,
0.3289

■ 12.3638, 0.5681,
0.3123

■ 11.4314, 0.6033,
0.3169

■ 11.0213, 0.6235,
0.3209

Harmonies

Analogous

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



41.4869, 0.3201, 0.3149



41.4869, 0.3316, 0.3251



41.4869, 0.3380, 0.3365

Triad

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



41.4869, 0.3316, 0.3251



41.4869, 0.3182, 0.3507



41.4869, 0.2886, 0.3114

Complementary

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



41.4869, 0.3316, 0.3251



48.6459, 0.2966, 0.3329

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.



41.4869, 0.2881, 0.3207



41.4869, 0.3316, 0.3251



41.4869, 0.3050, 0.3437

Square

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



41.4869, 0.3316, 0.3251



41.4869, 0.3301, 0.3515



41.4869, 0.2941, 0.3326



41.4869, 0.2954, 0.3070

Rectangle

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



41.4869, 0.3316, 0.3251



41.4869, 0.3384, 0.3433



41.4869, 0.2941, 0.3326



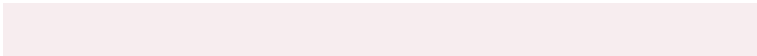
41.4869, 0.2877, 0.3140

Sweetspot

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



41.4887, 0.3316, 0.3251



86.8878, 0.3185, 0.3277



41.9140, 0.3113, 0.2993



18.8236, 0.3196, 0.3275



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.



41.4887, 0.3316, 0.3251



70.9647, 0.3373, 0.3241



44.5735, 0.3329, 0.3401



9.5561, 0.3268, 0.3260



7.3322, 0.6212, 0.3196



0.2939, 0.5692, 0.2909

Inverse Universe

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



41.4887, 0.3316, 0.3251



70.9647, 0.3373, 0.3241



45.2206, 0.2942, 0.3177



9.5561, 0.3268, 0.3260



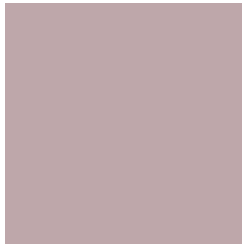
7.3322, 0.6212, 0.3196



0.2939, 0.5692, 0.2909

Previews

White Background



This preview shows how the Yxy color 41.4869, 0.3316, 0.3251 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 41.4869, 0.3316, 0.3251 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

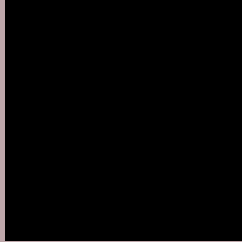
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 41.4869, 0.3316, 0.3251

Background



This preview shows how black text looks on a background with the Yxy color 41.4869, 0.3316, 0.3251.



This preview shows how white text looks on a background with the Yxy color 41.4869, 0.3316, 0.3251.

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

41.4869, 0.3316, 0.3251

Protanopia

41.6361, 0.3146, 0.3276

Deuteranopia

41.4869, 0.3316, 0.3251



Tritanopia

41.6035, 0.3246, 0.3122

Trichromacy



Original Color

41.4869, 0.3316, 0.3251

Protanomaly

41.4313, 0.3201, 0.3263

Deuteranomaly

41.4869, 0.3316, 0.3251

Tritanomaly

41.4834, 0.3273, 0.3160

Monochromacy



Original Color

41.4869, 0.3316, 0.3251

Achromatopsia

42.3268, 0.3127, 0.3290

Achromatomaly

41.8462, 0.3192, 0.3263

CSS Examples

Text

The CSS property to change the color of the text to Yxy 41.4869, 0.3316, 0.3251 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(190, 167, 170)` looks like.

```
.text, #text, p{  
    color:rgb(190, 167, 170)  
}
```

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(190, 167, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 167, 170) }
```

Border

The CSS property to change the border of an element to Yxy 41.4869, 0.3316, 0.3251 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(190, 167, 170) }
```

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

```
.border{ border-color:rgb(190, 167, 170) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 167, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 167, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 167, 170);  
box-shadow:4px 4px 4px 4px rgb(190, 167,  
170) }
```


Background

The CSS property to change the background color of an element to Yxy 41.4869, 0.3316, 0.3251 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 167, 170) }
```

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

```
.background{ background-color: rgb(190,  
167, 170) }
```

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