

Converting Colors

$Y_{xy}(43.1283, 0.3214, 0.3231)$

Have a look what the booklet for
Yxy(43.1283, 0.3214, 0.3231)
contains.

Yxy(43.1185, 0.3211, 0.3225)	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(43.1185, 0.3211, 0.3225)

Conversions

Conversions Part 1

Format	Color
Hex	BAACB1
RGB	186, 172, 177
RGB Percent	73%, 67%, 69%
CMY	0.2707, 0.3254, 0.3059
CMYK	0.00, 0.08, 0.05, 0.27
HSL	339°, 9%, 70%
HSV	339°, 8%, 73%
XYZ	42.9313, 43.1185, 47.6510
YIQ	176.7560, 6.7390, 4.5230

Conversions

Conversions Part 2

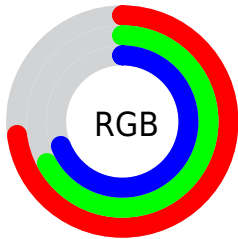
Format	Color
R _Y B	186, 172, 177
Decimal	12233905
CIE Lab	71.64, 5.89, -0.75
CIE LCh	72, 5.941, 352.752
Yxy	43.1185, 0.3211, 0.3225
Android (android.graphics.Color)	4290423985 (0xFFBAACB1)
YUV	176.7560, 0.1203, 8.1070
Hunter-Lab	65.6647, 1.7894, 2.9402

Details

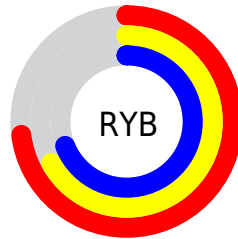
The Yxy color **43.1185, 0.3211, 0.3225** is a light color, and the websafe version is hex **999999**. A complement of this color would be **47.2123, 0.3050, 0.3356**, and the grayscale version is **43.8273, 0.3127, 0.3290**.

A 20% lighter version of the original color is **79.6986, 0.3192, 0.3229**, and **19.8747, 0.3243, 0.3218** is the 20% darker color. If you saturate the color by 10%, you get **36.0729, 0.3344, 0.3134**, and if you desaturate by 10%, it is **51.2003, 0.3102, 0.3311**.

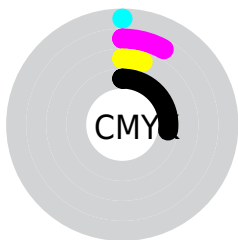
Distribution



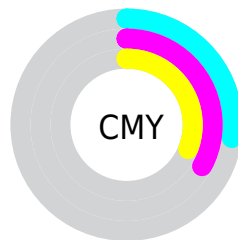
- Red (73%)
- Green (67%)
- Blue (69%)



- Red (73%)
- Yellow (67%)
- Blue (69%)



- Cyan (0%)
- Magenta (8%)
- Yellow (5%)
- Black (27%)





- Cyan (27%)
- Magenta (33%)
- Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 43.1185, 0.3211, 0.3225 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 43.1185, 0.3211, 0.3225 by changing the saturation by 10% instead.


 43.1185, 0.3211,
0.3225

 43.1185, 0.3211,
0.3225

359.0989, 0.3169,
0.3258

 29.9781, 0.3222,
0.3217


 79.8896, 0.3195,
0.3237

 19.8220, 0.3236,
0.3206


104.2892, 0.3190,
0.3242

 12.2657, 0.3254,
0.3191


133.2106, 0.3185,
0.3245

 6.9249, 0.3281,
0.3171

167.0382, 0.3181,
0.3249

 3.4152, 0.3322,
0.3140

206.1564, 0.3177,
0.3251

 1.3521, 0.3391,
0.3087

250.9497, 0.3174,

 0.1810, 0.4232,

0.3254

0.2425

301.8024, 0.3171,
0.3256

0.0000, 0.0000,
0.0000

43.1185, 0.3211,
0.3225

43.1185, 0.3211,
0.3225

36.0729, 0.3344,
0.3134

51.2003, 0.3102,
0.3311

30.0158, 0.3506,
0.3038

60.3522, 0.3013,
0.3390

24.9043, 0.3702,
0.2943

70.6134, 0.2939,
0.3463

20.6900, 0.3935,
0.2852

82.0198, 0.2879,
0.3530

17.3204, 0.4207,
0.2774

88.0580, 0.2822,
0.3487

■ 14.7371, 0.4513,
0.2721

■ 88.7799, 0.2762,
0.3356

■ 12.8745, 0.4841,
0.2704

■ 89.1750, 0.2731,
0.3289

■ 11.6560, 0.5172,
0.2734

■ 10.9697, 0.5478,
0.2811

Harmonies

Analogous

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



43.1185, 0.3127, 0.3170



43.1185, 0.3211, 0.3225



43.1185, 0.3273, 0.3298

Triad

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



43.1185, 0.3211, 0.3225



43.1185, 0.3209, 0.3439



43.1185, 0.2962, 0.3207

Complementary

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



43.1185, 0.3211, 0.3225



47.2123, 0.3050, 0.3356

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.



43.1185, 0.2984, 0.3280



43.1185, 0.3211, 0.3225



43.1185, 0.3126, 0.3415

Square

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



43.1185, 0.3211, 0.3225



43.1185, 0.3272, 0.3422



43.1185, 0.3043, 0.3356



43.1185, 0.2984, 0.3158

Rectangle

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



43.1185, 0.3211, 0.3225



43.1185, 0.3293, 0.3347



43.1185, 0.3043, 0.3356



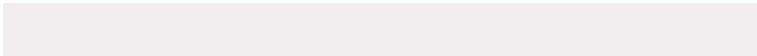
43.1185, 0.2965, 0.3230

Sweetspot

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



43.1204, 0.3211, 0.3225



85.9646, 0.3149, 0.3273



42.8610, 0.3091, 0.3107



18.9644, 0.3148, 0.3274



95.5105, 0.3127, 0.3290



19.5994, 0.3127, 0.3290

Same Dimension

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



43.1204, 0.3211, 0.3225



75.9571, 0.3231, 0.3210



43.6386, 0.3251, 0.3315



9.0637, 0.3233, 0.3209



7.3037, 0.5518, 0.2813



0.2695, 0.4796, 0.2415

Inverse Universe

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



43.1204, 0.3211, 0.3225



75.9571, 0.3231, 0.3210



46.6418, 0.3013, 0.3265



9.0637, 0.3233, 0.3209



7.3037, 0.5518, 0.2813



0.2695, 0.4796, 0.2415

Previews

White Background



This preview shows how the Yxy color 43.1185, 0.3211, 0.3225 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 43.1185, 0.3211, 0.3225 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

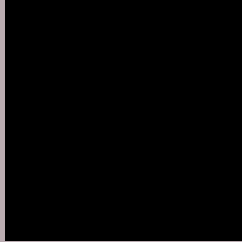
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

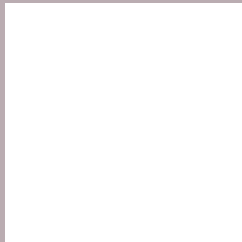
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 43.1185, 0.3211, 0.3225

Background



This preview shows how black text looks on a background with the Yxy color 43.1185, 0.3211, 0.3225.



This preview shows how white text looks on a background with the Yxy color 43.1185, 0.3211, 0.3225.

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

43.1185, 0.3211, 0.3225

Protanopia

43.3796, 0.3121, 0.3237

Deuteranopia

43.1302, 0.3268, 0.3200



Tritanopia

43.1513, 0.3162, 0.3122

Trichromacy



Original Color

43.1185, 0.3211, 0.3225

Protanomaly

43.3102, 0.3156, 0.3237

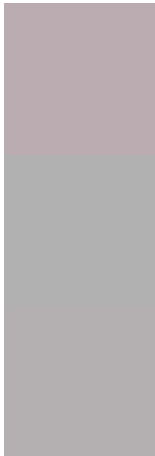
Deuteranomaly

43.2473, 0.3249, 0.3213

Tritanomaly

43.0268, 0.3187, 0.3160

Monochromacy



Original Color

43.1185, 0.3211, 0.3225

Achromatopsia

43.9657, 0.3127, 0.3290

Achromatomaly

43.5376, 0.3155, 0.3264

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.1185, 0.3211, 0.3225 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(186, 172, 177)` looks like.

```
.text, #text, p{  
    color:rgb(186, 172, 177)  
}
```

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(186, 172, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 172, 177) }
```

Border

The CSS property to change the border of an element to Yxy 43.1185, 0.3211, 0.3225 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(186, 172, 177) }
```

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

```
.border{ border-color:rgb(186, 172, 177) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 172, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 172, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 172, 177);  
box-shadow:4px 4px 4px 4px rgb(186, 172,  
177) }
```


Background

The CSS property to change the background color of an element to Yxy 43.1185, 0.3211, 0.3225 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 172, 177) }
```

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

```
.background{ background-color: rgb(186,  
172, 177) }
```

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