

Converting Colors

$Y_{xy}(43.3969, 0.3245, 0.3112)$

Have a look what the booklet for
Yxy(43.3969, 0.3245, 0.3112)
contains.

Yxy(43.3969, 0.3245, 0.3112)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(43.3969, 0.3245, 0.3112)

Conversions

Conversions Part 1

Format	Color
Hex	C3A9B7
RGB	195, 169, 183
RGB Percent	76%, 66%, 72%
CMY	0.2351, 0.3373, 0.2823
CMYK	0.00, 0.13, 0.06, 0.24
HSL	328°, 18%, 71%
HSV	328°, 13%, 76%
XYZ	45.2516, 43.3969, 50.8017
YIQ	178.3700, 11.0020, 9.8660

Conversions

Conversions Part 2

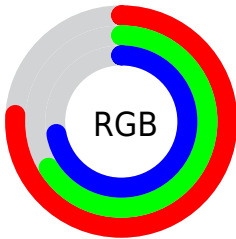
Format	Color
R_{YB}	195, 169, 183
Decimal	12822967
CIE Lab	71.82, 11.87, -3.70
CIE LCh	72, 12.436, 342.688
Yxy	43.3969, 0.3245, 0.3112
Android (android.graphics.Color)	4291013047 (0xFFC3A9B7)
YUV	178.3700, 2.2826, 14.5845
Hunter-Lab	65.8763, 7.3312, 0.3909

Details

The Yxy color **43.3969, 0.3245, 0.3112** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **50.8221, 0.3024, 0.3475**, and the grayscale version is **44.7141, 0.3127, 0.3290**.

A 20% lighter version of the original color is **80.2388, 0.3225, 0.3141**, and **19.9970, 0.3277, 0.3066** is the 20% darker color. If you saturate the color by 10%, you get **36.3126, 0.3354, 0.2972**, and if you desaturate by 10%, it is **51.5916, 0.3154, 0.3247**.

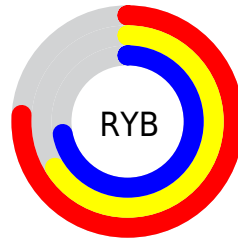
Distribution



Red (76%)

Green (66%)

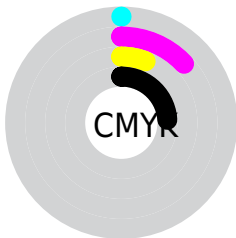
Blue (72%)



Red (76%)

Yellow (66%)

Blue (72%)

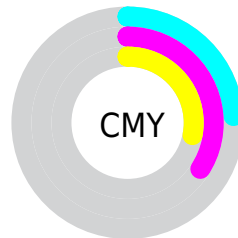


Cyan (0%)

Magenta (13%)

Yellow (6%)

Black (24%)



Cyan (24%)


Magenta (34%)


Yellow (28%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 43.3969, 0.3245, 0.3112 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 43.3969, 0.3245, 0.3112 by changing the saturation by 10% instead.


 43.3969, 0.3245,
0.3112


 43.3969, 0.3245,
0.3112

360.2415, 0.3186,
0.3201

 30.1967, 0.3260,
0.3090


 80.3095, 0.3224,
0.3144

 19.9879, 0.3279,
0.3061


 104.7906, 0.3215,
0.3156

 12.3863, 0.3304,
0.3023


133.8007, 0.3209,
0.3167

 7.0073, 0.3340,
0.2970

167.7244, 0.3203,
0.3176

 3.4667, 0.3393,
0.2891

206.9459, 0.3198,
0.3183

 1.3799, 0.3483,
0.2761

251.8496, 0.3193,

 0.2019, 0.4145,

0.3190

0.1737

302.8200, 0.3189,
0.3196

0.0000, 0.0000,
0.0000

43.3969, 0.3245,
0.3112

43.3969, 0.3245,
0.3112

36.3126, 0.3354,
0.2972

51.5916, 0.3154,
0.3247

30.2846, 0.3483,
0.2829

60.9361, 0.3079,
0.3373

25.2631, 0.3635,
0.2689

71.4750, 0.3016,
0.3491

21.1920, 0.3809,
0.2561

83.2489, 0.2964,
0.3599

18.0093, 0.4005,
0.2454

88.7315, 0.2918,
0.3581

■ 15.6459, 0.4218,
0.2382

■ 89.2447, 0.2870,
0.3482

■ 14.0224, 0.4440,
0.2355

■ 89.7843, 0.2824,
0.3384

■ 13.0429, 0.4660,
0.2381

■ 90.3486, 0.2779,
0.3289

■ 12.6292, 0.4804,
0.2420

Harmonies

Analogous

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



43.3969, 0.3064, 0.3018



43.3969, 0.3245, 0.3112



43.3969, 0.3397, 0.3251

Triad

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



43.3969, 0.3245, 0.3112



43.3969, 0.3348, 0.3600



43.3969, 0.2791, 0.3160

Complementary

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



43.3969, 0.3245, 0.3112



50.8221, 0.3024, 0.3475

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.



43.3969, 0.2863, 0.3321



43.3969, 0.3245, 0.3112



43.3969, 0.3182, 0.3582

Square

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



43.3969, 0.3245, 0.3112



43.3969, 0.3457, 0.3532



43.3969, 0.3005, 0.3479



43.3969, 0.2806, 0.3041

Rectangle

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



43.3969, 0.3245, 0.3112



43.3969, 0.3459, 0.3354



43.3969, 0.3005, 0.3479



43.3969, 0.2806, 0.3211

Sweetspot

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



43.3988, 0.3245, 0.3112



91.2578, 0.3160, 0.3237



42.1020, 0.3016, 0.2951



19.7251, 0.3166, 0.3227



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.



43.3988, 0.3245, 0.3112



73.8251, 0.3274, 0.3072



42.8923, 0.3357, 0.3274



10.1666, 0.3207, 0.3167



8.2209, 0.4776, 0.2405



0.3690, 0.4335, 0.2162

Inverse Universe

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



43.3988, 0.3245, 0.3112



73.8251, 0.3274, 0.3072



51.3690, 0.2935, 0.3306



10.1666, 0.3207, 0.3167



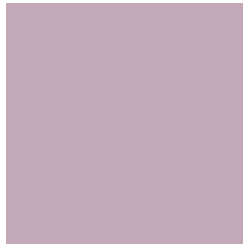
8.2209, 0.4776, 0.2405



0.3690, 0.4335, 0.2162

Previews

White Background



This preview shows how the Yxy color 43.3969, 0.3245, 0.3112 looks on a white background.

Color Contrast Check

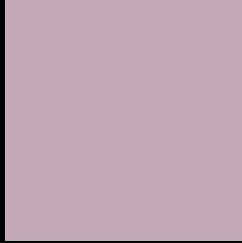
Large Text (above 18pt) WCAG AA × Fail

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 43.3969, 0.3245, 0.3112 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 43.3969, 0.3245, 0.3112

Background



This preview shows how black text looks on a background with the Yxy color 43.3969, 0.3245, 0.3112.



This preview shows how white text looks on a background with the Yxy color 43.3969, 0.3245, 0.3112.

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

43.3969, 0.3245, 0.3112

Protanopia

43.4779, 0.3039, 0.3131

Deuteranopia

43.4919, 0.3197, 0.3136



Tritanopia

43.3554, 0.3253, 0.3125

Trichromacy



Original Color

43.3969, 0.3245, 0.3112

Protanomaly

43.4996, 0.3109, 0.3120

Deuteranomaly

43.3748, 0.3216, 0.3124

Tritanomaly

43.3554, 0.3253, 0.3125

Monochromacy



Original Color

43.3969, 0.3245, 0.3112

Achromatopsia

44.5201, 0.3127, 0.3290

Achromatomaly

44.1456, 0.3166, 0.3225

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.3969, 0.3245, 0.3112 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(195, 169, 183)` looks like.

```
.text, #text, p{  
    color:rgb(195, 169, 183)  
}
```

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(195, 169, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 169, 183) }
```

Border

The CSS property to change the border of an element to Yxy 43.3969, 0.3245, 0.3112 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(195, 169, 183) }
```

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

```
.border{ border-color:rgb(195, 169, 183) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 169, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 169, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 169, 183);  
box-shadow:4px 4px 4px 4px rgb(195, 169,  
183) }
```


Background

The CSS property to change the background color of an element to Yxy 43.3969, 0.3245, 0.3112 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 169, 183) }
```

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

```
.background{ background-color: rgb(195,  
169, 183) }
```

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