

Converting Colors

$Y_{xy}(43.0670, 0.3353, 0.3214)$

Have a look what the booklet for
Yxy(43.0670, 0.3353, 0.3214)
contains.

Yxy(43.0670, 0.3353, 0.3214)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(43.0670, 0.3353, 0.3214)

Conversions

Conversions Part 1

Format	Color
Hex	C6A8AE
RGB	198, 168, 174
RGB Percent	78%, 66%, 68%
CMY	0.2236, 0.3411, 0.3175
CMYK	0.00, 0.15, 0.12, 0.22
HSL	348°, 21%, 72%
HSV	348°, 15%, 78%
XYZ	44.9296, 43.0670, 46.0016
YIQ	177.6540, 15.9540, 8.2260

Conversions

Conversions Part 2

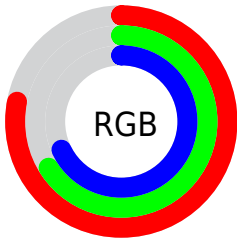
Format	Color
RYB	198, 168, 174
Decimal	13019310
CIELab	71.60, 11.91, 0.96
CIELCh	72, 11.945, 4.623
Yxy	43.0670, 0.3353, 0.3214
Android (android.graphics.Color)	4291209390 (0xFFC6A8AE)
YUV	177.6540, -1.8014, 17.8434
Hunter-Lab	65.6255, 7.3631, 4.3772

Details

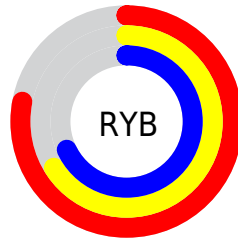
The Yxy color **43.0670, 0.3353, 0.3214** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **52.5101, 0.2941, 0.3368**, and the grayscale version is **44.3327, 0.3127, 0.3290**.

A 20% lighter version of the original color is **79.6925, 0.3315, 0.3231**, and **19.8252, 0.3418, 0.3187** is the 20% darker color. If you saturate the color by 10%, you get **35.7249, 0.3547, 0.3160**, and if you desaturate by 10%, it is **51.5986, 0.3196, 0.3265**.

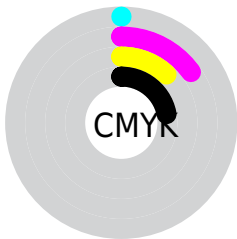
Distribution



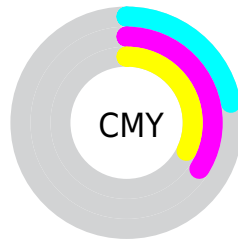
- Red (78%)
- Green (66%)
- Blue (68%)



- Red (78%)
- Yellow (66%)
- Blue (68%)



- Cyan (0%)
- Magenta (15%)
- Yellow (12%)
- Black (22%)




- Cyan (22%)
- Magenta (34%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 43.0670, 0.3353, 0.3214 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 43.0670, 0.3353, 0.3214 by changing the saturation by 10% instead.


 43.0670, 0.3353,
0.3214


 43.0670, 0.3353,
0.3214


358.8872, 0.3238,
0.3253

 29.9377, 0.3382,
0.3204


 79.8120, 0.3311,
0.3228

 19.7913, 0.3420,
0.3191

 104.1964, 0.3295,
0.3234

 12.2434, 0.3471,
0.3173


133.1013, 0.3282,
0.3238

 6.9097, 0.3544,
0.3148

166.9111, 0.3271,
0.3242

 3.4057, 0.3655,
0.3109

206.0102, 0.3261,
0.3245

 1.3470, 0.3847,
0.3040

250.7830, 0.3253,

 0.1772, 0.6026,

0.3248

0.2326

301.6139, 0.3245,
0.3251

0.0000, 0.0000,
0.0000

43.0670, 0.3353,
0.3214

43.0670, 0.3353,
0.3214

35.7249, 0.3547,
0.3160

51.5986, 0.3196,
0.3265

29.5139, 0.3785,
0.3106

61.3633, 0.3069,
0.3313

24.3792, 0.4074,
0.3055

72.4096, 0.2966,
0.3356

20.2593, 0.4415,
0.3012

84.7817, 0.2881,
0.3396

17.0863, 0.4802,
0.2986

90.6245, 0.2804,
0.3308

■ 14.7841, 0.5214,
0.2987

■ 90.7434, 0.2794,
0.3289

■ 13.2646, 0.5612,
0.3021

■ 12.4210, 0.5947,
0.3090

■ 12.1548, 0.6083,
0.3125

Harmonies

Analogous

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



43.0670, 0.3195, 0.3089



43.0670, 0.3353, 0.3214



43.0670, 0.3451, 0.3361

Triad

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



43.0670, 0.3353, 0.3214



43.0670, 0.3226, 0.3584



43.0670, 0.2806, 0.3075

Complementary

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



43.0670, 0.3353, 0.3214



52.5101, 0.2941, 0.3368

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.



43.0670, 0.2814, 0.3205



43.0670, 0.3353, 0.3214



43.0670, 0.3054, 0.3505

Square

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



43.0670, 0.3353, 0.3214



43.0670, 0.3375, 0.3579



43.0670, 0.2904, 0.3363



43.0670, 0.2881, 0.3008

Rectangle

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



43.0670, 0.3353, 0.3214



43.0670, 0.3467, 0.3454



43.0670, 0.2904, 0.3363



43.0670, 0.2799, 0.3113

Sweetspot

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



43.0689, 0.3353, 0.3214



91.4941, 0.3195, 0.3265



43.2247, 0.3087, 0.2913



19.3374, 0.3205, 0.3262



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.



43.0689, 0.3353, 0.3214



71.9884, 0.3409, 0.3197



46.0785, 0.3391, 0.3399



10.6712, 0.3259, 0.3244



7.9161, 0.6053, 0.3108



0.3854, 0.5473, 0.2789

Inverse Universe

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



43.0689, 0.3353, 0.3214



71.9884, 0.3409, 0.3197



49.0085, 0.2896, 0.3179



10.6712, 0.3259, 0.3244



7.9161, 0.6053, 0.3108



0.3854, 0.5473, 0.2789

Previews

White Background



This preview shows how the Yxy color 43.0670, 0.3353, 0.3214 looks on a white background.

Color Contrast Check

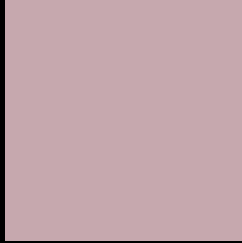
Large Text (above 18pt) WCAG AA × Fail

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 43.0670, 0.3353, 0.3214 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

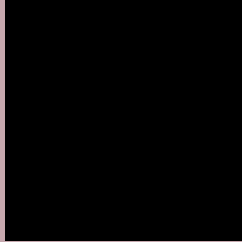
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 43.0670, 0.3353, 0.3214

Background



This preview shows how black text looks on a background with the Yxy color 43.0670, 0.3353, 0.3214.



This preview shows how white text looks on a background with the Yxy color 43.0670, 0.3353, 0.3214.

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

43.0670, 0.3353, 0.3214

Protanopia

43.3393, 0.3129, 0.3250

Deuteranopia

43.1429, 0.3304, 0.3239



Tritanopia

43.0748, 0.3310, 0.3126

Trichromacy



Original Color

43.0670, 0.3353, 0.3214

Protanomaly

42.9937, 0.3202, 0.3225

Deuteranomaly

43.0340, 0.3324, 0.3226

Tritanomaly

42.9939, 0.3328, 0.3151

Monochromacy



Original Color

43.0670, 0.3353, 0.3214

Achromatopsia

44.5201, 0.3127, 0.3290

Achromatomaly

43.7607, 0.3200, 0.3251

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.0670, 0.3353, 0.3214 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(198, 168, 174)` looks like.

```
.text, #text, p{  
    color:rgb(198, 168, 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(198, 168, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 168, 174) }
```

Border

The CSS property to change the border of an element to Yxy 43.0670, 0.3353, 0.3214 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(198, 168, 174) }
```

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

```
.border{ border-color:rgb(198, 168, 174) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 168, 174)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 168, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 168, 174);  
box-shadow:4px 4px 4px 4px rgb(198, 168,  
174) }
```


Background

The CSS property to change the background color of an element to Yxy 43.0670, 0.3353, 0.3214 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 168, 174) }
```

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

```
.background{ background-color: rgb(198,  
168, 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