

Converting Colors

$Yxy(42.9716, 0.3348, 0.3246)$

Have a look what the booklet for
Yxy(42.9716, 0.3348, 0.3246)
contains.

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Color

Yxy(43.0903, 0.3351, 0.3252)

Conversions

Conversions Part 1

Format	Color
Hex	C4A9AC
RGB	196, 169, 172
RGB Percent	77%, 66%, 67%
CMY	0.2313, 0.3373, 0.3254
CMYK	0.00, 0.14, 0.12, 0.23
HSL	353°, 19%, 72%
HSV	353°, 14%, 77%
XYZ	44.4021, 43.0903, 45.0116
YIQ	177.4150, 15.1290, 6.6570

Conversions

Conversions Part 2

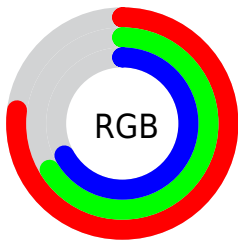
Format	Color
R _Y B	196, 169, 172
Decimal	12888492
CIE Lab	71.62, 10.31, 2.07
CIE LCh	72, 10.515, 11.378
Yxy	43.0903, 0.3351, 0.3252
Android (android.graphics.Color)	4291078572 (0xFFC4A9AC)
YUV	177.4150, -2.6696, 16.2990
Hunter-Lab	65.6432, 5.8646, 5.2950

Details

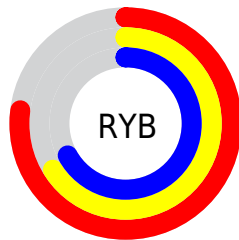
The Yxy color **43.0903, 0.3351, 0.3252** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **51.7702, 0.2940, 0.3329**, and the grayscale version is **44.2062, 0.3127, 0.3290**.

A 20% lighter version of the original color is **79.7400, 0.3313, 0.3261**, and **19.8294, 0.3414, 0.3238** is the 20% darker color. If you saturate the color by 10%, you get **35.7116, 0.3561, 0.3223**, and if you desaturate by 10%, it is **51.6538, 0.3182, 0.3280**.

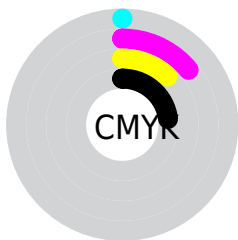
Distribution



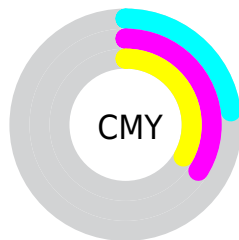
- Red (77%)
- Green (66%)
- Blue (67%)



- Red (77%)
- Yellow (66%)
- Blue (67%)



- Cyan (0%)
- Magenta (14%)
- Yellow (12%)
- Black (23%)




- Cyan (23%)
- Magenta (34%)
- Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 43.0903, 0.3351, 0.3252 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 43.0903, 0.3351, 0.3252 by changing the saturation by 10% instead.


 43.0903, 0.3351,
0.3252


 43.0903, 0.3351,
0.3252


358.9830, 0.3237,
0.3272

 29.9560, 0.3380,
0.3247


 79.8471, 0.3309,
0.3259

 19.8052, 0.3418,
0.3240


 104.2384, 0.3294,
0.3262

 12.2535, 0.3469,
0.3230


133.1508, 0.3281,
0.3265

 6.9166, 0.3541,
0.3216

166.9686, 0.3269,
0.3266

 3.4100, 0.3652,
0.3194

206.0764, 0.3260,
0.3268

 1.3493, 0.3844,
0.3153

250.8584, 0.3251,

 0.1789, 0.6484,

0.3270

0.2751

301.6992, 0.3244,
0.3271

0.0000, 0.0000,
0.0000

43.0903, 0.3351,
0.3252

43.0903, 0.3351,
0.3252

35.7116, 0.3561,
0.3223

51.6538, 0.3182,
0.3280

29.4601, 0.3820,
0.3193

61.4451, 0.3046,
0.3306

24.2819, 0.4137,
0.3165

72.5119, 0.2936,
0.3329

20.1167, 0.4512,
0.3142

84.8979, 0.2847,
0.3351

16.8978, 0.4937,
0.3130

90.4773, 0.2784,
0.3289

■ 14.5509, 0.5384,
0.3134

■ 12.9903, 0.5801,
0.3159

■ 12.1129, 0.6127,
0.3203

■ 11.7946, 0.6273,
0.3229

Harmonies

Analogous

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



43.0903, 0.3221, 0.3134



43.0903, 0.3351, 0.3252



43.0903, 0.3420, 0.3382

Triad

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



43.0903, 0.3351, 0.3252



43.0903, 0.3181, 0.3539



43.0903, 0.2852, 0.3082

Complementary

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



43.0903, 0.3351, 0.3252



51.7702, 0.2940, 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.



43.0903, 0.2843, 0.3186



43.0903, 0.3351, 0.3252



43.0903, 0.3030, 0.3454

Square

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



43.0903, 0.3351, 0.3252



43.0903, 0.3320, 0.3552



43.0903, 0.2907, 0.3323



43.0903, 0.2934, 0.3036

Rectangle

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



43.0903, 0.3351, 0.3252



43.0903, 0.3422, 0.3460



43.0903, 0.2907, 0.3323



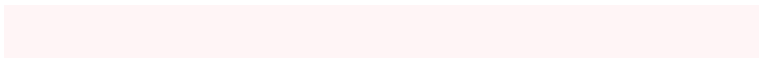
43.0903, 0.2841, 0.3112

Sweetspot

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



43.0922, 0.3351, 0.3252



93.0938, 0.3186, 0.3279



43.6811, 0.3115, 0.2951



19.6567, 0.3198, 0.3277



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.



43.0922, 0.3351, 0.3252



73.1550, 0.3419, 0.3242



46.9843, 0.3360, 0.3423



10.0957, 0.3272, 0.3265



7.5841, 0.6251, 0.3217



0.3339, 0.5812, 0.2975

Inverse Universe

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



43.0922, 0.3351, 0.3252



73.1550, 0.3419, 0.3242



47.3945, 0.2916, 0.3154



10.0957, 0.3272, 0.3265



7.5841, 0.6251, 0.3217



0.3339, 0.5812, 0.2975

Previews

White Background



This preview shows how the Yxy color 43.0903, 0.3351, 0.3252 looks on a white background.

Color Contrast Check

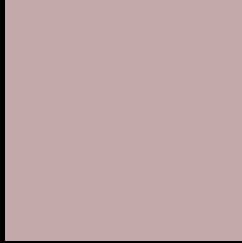
Large Text (above 18pt) WCAG AA × Fail

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 43.0903, 0.3351, 0.3252 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

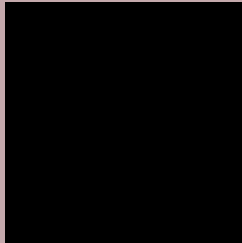
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 43.0903, 0.3351, 0.3252

Background



This preview shows how black text looks on a background with the Yxy color 43.0903, 0.3351, 0.3252.



This preview shows how white text looks on a background with the Yxy color 43.0903, 0.3351, 0.3252.

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

43.0903, 0.3351, 0.3252

Protanopia

43.3388, 0.3163, 0.3290

Deuteranopia

43.1973, 0.3331, 0.3265



Tritanopia

43.2118, 0.3282, 0.3126

Trichromacy



Original Color

43.0903, 0.3351, 0.3252

Protanomaly

43.2574, 0.3227, 0.3277

Deuteranomaly

43.3301, 0.3340, 0.3265

Tritanomaly

43.0899, 0.3308, 0.3163

Monochromacy



Original Color

43.0903, 0.3351, 0.3252

Achromatopsia

43.9657, 0.3127, 0.3290

Achromatomaly

43.5576, 0.3208, 0.3277

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.0903, 0.3351, 0.3252 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(196, 169, 172)` looks like.

```
.text, #text, p{  
    color:rgb(196, 169, 172)  
}
```

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(196, 169, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 169, 172) }
```

Border

The CSS property to change the border of an element to Yxy 43.0903, 0.3351, 0.3252 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(196, 169, 172) }
```

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

```
.border{ border-color:rgb(196, 169, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 169, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 169, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 169, 172);  
box-shadow:4px 4px 4px 4px rgb(196, 169,  
172) }
```


Background

The CSS property to change the background color of an element to Yxy 43.0903, 0.3351, 0.3252 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 169, 172) }
```

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

```
.background{ background-color: rgb(196,  
169, 172) }
```

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](#).

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