

Converting Colors

$Yxy(43.1259, 0.3381, 0.3240)$

Have a look what the booklet for
Yxy(43.1259, 0.3381, 0.3240)
contains.

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Color

Yxy(43.1259, 0.3381, 0.3240)

Conversions

Conversions Part 1

Format	Color
Hex	C7A8AC
RGB	199, 168, 172
RGB Percent	78%, 66%, 67%
CMY	0.2196, 0.3412, 0.3255
CMYK	0.00, 0.16, 0.14, 0.22
HSL	352°, 22%, 72%
HSV	352°, 16%, 78%
XYZ	45.0027, 43.1259, 44.9761
YIQ	177.7250, 17.1920, 7.8160

Conversions

Conversions Part 2

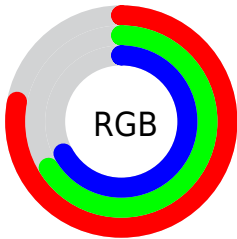
Format	Color
R _Y B	199, 168, 172
Decimal	13084844
CIE Lab	71.64, 11.95, 2.16
CIE LCh	72, 12.138, 10.227
Yxy	43.1259, 0.3381, 0.3240
Android (android.graphics.Color)	4291274924 (0xFFC7A8AC)
YUV	177.7250, -2.8224, 18.6582
Hunter-Lab	65.6703, 7.3998, 5.3629

Details

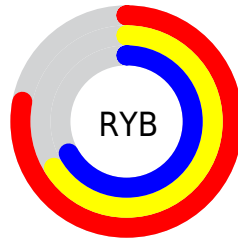
The Yxy color **43.1259, 0.3381, 0.3240** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **53.1167, 0.2920, 0.3341**, and the grayscale version is **44.3773, 0.3127, 0.3290**.

A 20% lighter version of the original color is **79.5814, 0.3329, 0.3251**, and **19.8666, 0.3456, 0.3222** is the 20% darker color. If you saturate the color by 10%, you get **35.7099, 0.3595, 0.3206**, and if you desaturate by 10%, it is **51.7572, 0.3208, 0.3273**.

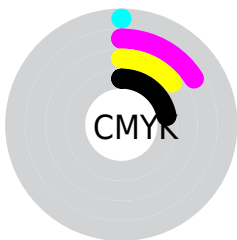
Distribution



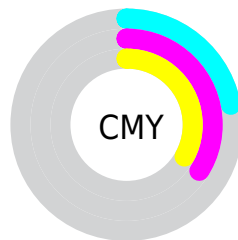
- Red (78%)
- Green (66%)
- Blue (67%)



- Red (78%)
- Yellow (66%)
- Blue (67%)



- Cyan (0%)
- Magenta (16%)
- Yellow (14%)
- Black (22%)





- Cyan (22%)
- Magenta (34%)
- Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 43.1259, 0.3381, 0.3240 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 43.1259, 0.3381, 0.3240 by changing the saturation by 10% instead.


 43.1259, 0.3381,
0.3240


 43.1259, 0.3381,
0.3240


359.1293, 0.3252,
0.3266

 29.9839, 0.3414,
0.3233


 79.9008, 0.3334,
0.3250

 19.8264, 0.3457,
0.3224


 104.3025, 0.3316,
0.3253

 12.2689, 0.3514,
0.3212


133.2263, 0.3301,
0.3256

 6.9271, 0.3596,
0.3193

167.0564, 0.3288,
0.3259

 3.4165, 0.3722,
0.3164

206.1774, 0.3277,
0.3261

 1.3529, 0.3939,
0.3112

250.9736, 0.3268,

 0.1816, 0.6700,

0.3263

0.2621

301.8295, 0.3259,
0.3265

0.0000, 0.0000,
0.0000

43.1259, 0.3381,
0.3240

43.1259, 0.3381,
0.3240

35.7099, 0.3595,
0.3206

51.7572, 0.3208,
0.3273

29.4491, 0.3859,
0.3171

61.6489, 0.3069,
0.3303

24.2871, 0.4180,
0.3139

72.8509, 0.2957,
0.3331

20.1602, 0.4558,
0.3114

85.4085, 0.2866,
0.3356

16.9984, 0.4983,
0.3102

90.8832, 0.2800,
0.3289

■ 14.7230, 0.5423,
0.3110

■ 13.2426, 0.5829,
0.3141

■ 12.4454, 0.6140,
0.3193

■ 12.2159, 0.6244,
0.3214

Harmonies

Analogous

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



43.1259, 0.3228, 0.3106



43.1259, 0.3381, 0.3240



43.1259, 0.3465, 0.3390

Triad

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



43.1259, 0.3381, 0.3240



43.1259, 0.3196, 0.3580



43.1259, 0.2809, 0.3054

Complementary

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



43.1259, 0.3381, 0.3240



53.1167, 0.2920, 0.3341

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.



43.1259, 0.2801, 0.3175



43.1259, 0.3381, 0.3240



43.1259, 0.3021, 0.3485

Square

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



43.1259, 0.3381, 0.3240



43.1259, 0.3355, 0.3591



43.1259, 0.2878, 0.3334



43.1259, 0.2899, 0.2999

Rectangle

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



43.1259, 0.3381, 0.3240



43.1259, 0.3469, 0.3480



43.1259, 0.2878, 0.3334



43.1259, 0.2797, 0.3088

Sweetspot

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



43.1278, 0.3381, 0.3240



91.4381, 0.3201, 0.3274



43.7157, 0.3108, 0.2904



19.3238, 0.3212, 0.3272



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.



43.1278, 0.3381, 0.3240



70.4608, 0.3455, 0.3227



47.3598, 0.3395, 0.3434



10.6588, 0.3270, 0.3261



7.8617, 0.6221, 0.3201



0.3798, 0.5763, 0.2948

Inverse Universe

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



43.1278, 0.3381, 0.3240



70.4608, 0.3455, 0.3227



48.2617, 0.2888, 0.3141



10.6588, 0.3270, 0.3261



7.8617, 0.6221, 0.3201



0.3798, 0.5763, 0.2948

Previews

White Background



This preview shows how the Yxy color 43.1259, 0.3381, 0.3240 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 43.1259, 0.3381, 0.3240 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

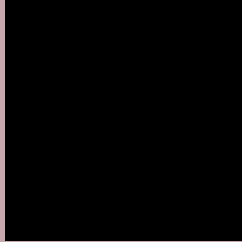
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 43.1259, 0.3381, 0.3240

Background



This preview shows how black text looks on a background with the Yxy color 43.1259, 0.3381, 0.3240.



This preview shows how white text looks on a background with the Yxy color 43.1259, 0.3381, 0.3240.

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

43.1259, 0.3381, 0.3240

Protanopia

43.3782, 0.3154, 0.3277

Deuteranopia

43.1973, 0.3331, 0.3265



Tritanopia

43.2121, 0.3320, 0.3127

Trichromacy



Original Color

43.1259, 0.3381, 0.3240

Protanomaly

43.0393, 0.3228, 0.3251

Deuteranomaly

43.0903, 0.3351, 0.3252

Tritanomaly

43.0911, 0.3347, 0.3164

Monochromacy



Original Color

43.1259, 0.3381, 0.3240

Achromatopsia

44.5201, 0.3127, 0.3290

Achromatomaly

43.8458, 0.3218, 0.3264

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.1259, 0.3381, 0.3240 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(199, 168, 172)` looks like.

```
.text, #text, p{  
    color:rgb(199, 168, 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(199, 168, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 168, 172) }
```

Border

The CSS property to change the border of an element to Yxy 43.1259, 0.3381, 0.3240 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(199, 168, 172) }
```

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

```
.border{ border-color:rgb(199, 168, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 168, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 168, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 168, 172);  
box-shadow:4px 4px 4px 4px rgb(199, 168,  
172) }
```


Background

The CSS property to change the background color of an element to Yxy 43.1259, 0.3381, 0.3240 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 168, 172) }
```

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

```
.background{ background-color: rgb(199,  
168, 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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