

Converting Colors

$Yxy(43.3676, 0.3335, 0.3104)$

Have a look what the booklet for
Yxy(43.3676, 0.3335, 0.3104)
contains.

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Color

Yxy(43.3051, 0.3340, 0.3104)

Conversions

Conversions Part 1

Format	Color
Hex	CBA6B5
RGB	203, 166, 181
RGB Percent	80%, 65%, 71%
CMY	0.2040, 0.3489, 0.2902
CMYK	0.00, 0.18, 0.11, 0.20
HSL	336°, 26%, 72%
HSV	336°, 18%, 80%
XYZ	46.5976, 43.3051, 49.6111
YIQ	178.7730, 17.2370, 12.5090

Conversions

Conversions Part 2

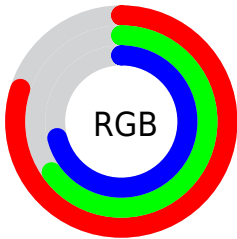
Format	Color
R _Y B	203, 166, 181
Decimal	13346485
CIE Lab	71.76, 15.97, -2.59
CIE LCh	72, 16.182, 350.803
Yxy	43.3051, 0.3340, 0.3104
Android (android.graphics.Color)	4291536565 (0xFFCBA6B5)
YUV	178.7730, 1.0979, 21.2471
Hunter-Lab	65.8066, 11.2342, 1.3663

Details

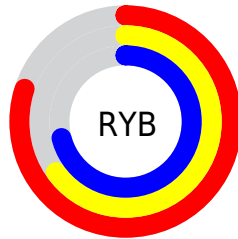
The Yxy color **43.3051, 0.3340, 0.3104** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **54.4370, 0.2954, 0.3484**, and the grayscale version is **44.9387, 0.3127, 0.3290**.

A 20% lighter version of the original color is **79.0873, 0.3262, 0.3132**, and **19.9827, 0.3411, 0.3056** is the 20% darker color. If you saturate the color by 10%, you get **36.0255, 0.3493, 0.2995**, and if you desaturate by 10%, it is **51.7961, 0.3214, 0.3209**.

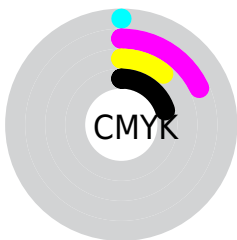
Distribution



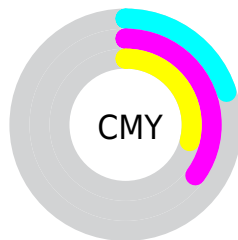
- Red (80%)
- Green (65%)
- Blue (71%)



- Red (80%)
- Yellow (65%)
- Blue (71%)



- Cyan (0%)
- Magenta (18%)
- Yellow (11%)
- Black (20%)





- Cyan (20%)
- Magenta (35%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 43.3051, 0.3340, 0.3104 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 43.3051, 0.3340, 0.3104 by changing the saturation by 10% instead.


 43.3051, 0.3340,
0.3104


 43.3051, 0.3340,
0.3104

359.8650, 0.3233,
0.3197

 30.1246, 0.3367,
0.3081


 80.1711, 0.3301,
0.3138

 19.9332, 0.3402,
0.3051

 104.6253, 0.3286,
0.3151

 12.3465, 0.3449,
0.3011


133.6062, 0.3274,
0.3161

 6.9801, 0.3515,
0.2955

167.4982, 0.3263,
0.3171

 3.4497, 0.3614,
0.2872

206.6857, 0.3254,
0.3179

 1.3707, 0.3783,
0.2733

251.5531, 0.3246,

 0.1950, 0.4945,

0.3186

0.1676

302.4847, 0.3239,
0.3192

0.0000, 0.0000,
0.0000

43.3051, 0.3340,
0.3104

43.3051, 0.3340,
0.3104

36.0255, 0.3493,
0.2995

51.7961, 0.3214,
0.3209

29.8960, 0.3677,
0.2887

61.5446, 0.3110,
0.3307

24.8584, 0.3895,
0.2784

72.6015, 0.3025,
0.3399

20.8474, 0.4147,
0.2696

85.0130, 0.2955,
0.3483

17.7905, 0.4430,
0.2635

90.5846, 0.2892,
0.3433

■ 15.6054, 0.4732,
0.2613

■ 91.3318, 0.2829,
0.3305

■ 14.1960, 0.5036,
0.2640

■ 91.4321, 0.2821,
0.3289

■ 13.4174, 0.5323,
0.2718

■ 13.3047, 0.5373,
0.2734

Harmonies

Analogous

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



43.3051, 0.3108, 0.2965



43.3051, 0.3340, 0.3104



43.3051, 0.3519, 0.3291

Triad

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



43.3051, 0.3340, 0.3104



43.3051, 0.3360, 0.3701



43.3051, 0.2687, 0.3069

Complementary

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



43.3051, 0.3340, 0.3104



54.4370, 0.2954, 0.3484

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.



43.3051, 0.2749, 0.3269



43.3051, 0.3340, 0.3104



43.3051, 0.3133, 0.3647

Square

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



43.3051, 0.3340, 0.3104



43.3051, 0.3529, 0.3637



43.3051, 0.2911, 0.3486



43.3051, 0.2737, 0.2939

Rectangle

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



43.3051, 0.3340, 0.3104



43.3051, 0.3579, 0.3422



43.3051, 0.2911, 0.3486



43.3051, 0.2696, 0.3130

Sweetspot

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



43.3070, 0.3340, 0.3104



91.6542, 0.3179, 0.3240



42.2268, 0.3013, 0.2824



19.3762, 0.3187, 0.3233



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.



43.3070, 0.3340, 0.3104



67.3147, 0.3399, 0.3060



43.8584, 0.3471, 0.3330



11.2877, 0.3228, 0.3196



8.4870, 0.5338, 0.2714



0.4528, 0.4825, 0.2432

Inverse Universe

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



43.3070, 0.3340, 0.3104



67.3147, 0.3399, 0.3060



53.6768, 0.2854, 0.3250



11.2877, 0.3228, 0.3196



8.4870, 0.5338, 0.2714



0.4528, 0.4825, 0.2432

Previews

White Background



This preview shows how the Yxy color 43.3051, 0.3340, 0.3104 looks on a white background.

Color Contrast Check

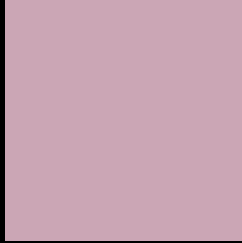
Large Text (above 18pt) WCAG AA × Fail

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 43.3051, 0.3340, 0.3104 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

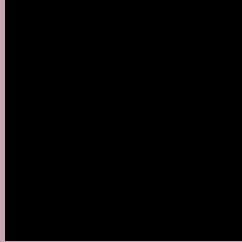
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 43.3051, 0.3340, 0.3104

Background



This preview shows how black text looks on a background with the Yxy color 43.3051, 0.3340, 0.3104.



This preview shows how white text looks on a background with the Yxy color 43.3051, 0.3340, 0.3104.

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

43.3051, 0.3340, 0.3104

Protanopia

43.4352, 0.3047, 0.3144

Deuteranopia

43.4975, 0.3232, 0.3174



Tritanopia

43.2236, 0.3358, 0.3128

Trichromacy



Original Color

43.3051, 0.3340, 0.3104

Protanomaly

43.4048, 0.3152, 0.3134

Deuteranomaly

43.2733, 0.3271, 0.3150

Tritanomaly

43.2642, 0.3349, 0.3116

Monochromacy



Original Color

43.3051, 0.3340, 0.3104

Achromatopsia

45.0786, 0.3127, 0.3290

Achromatomaly

44.2588, 0.3202, 0.3213

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.3051, 0.3340, 0.3104 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(203, 166, 181)` looks like.

```
.text, #text, p{  
    color:rgb(203, 166, 181)  
}
```

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(203, 166, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 166, 181) }
```

Border

The CSS property to change the border of an element to Yxy 43.3051, 0.3340, 0.3104 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(203, 166, 181) }
```

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

```
.border{ border-color:rgb(203, 166, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(203, 166, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 166, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 166, 181);  
box-shadow:4px 4px 4px 4px rgb(203, 166,  
181) }
```


Background

The CSS property to change the background color of an element to Yxy 43.3051, 0.3340, 0.3104 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 166, 181) }
```

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

```
.background{ background-color: rgb(203,  
166, 181) }
```

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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