

Converting Colors

Yxy(43.3063, 0.3300, 0.3139)

Have a look what the booklet for
Yxy(43.3063, 0.3300, 0.3139)
contains.

Yxy(43.3063, 0.3300, 0.3139)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(43.3063, 0.3300, 0.3139)

Conversions

Conversions Part 1

Format	Color
Hex	C6A8B4
RGB	198, 168, 180
RGB Percent	78%, 66%, 71%
CMY	0.2235, 0.3411, 0.2942
CMYK	0.00, 0.15, 0.09, 0.22
HSL	336°, 21%, 72%
HSV	336°, 15%, 78%
XYZ	45.5275, 43.3063, 49.1283
YIQ	178.3380, 14.0280, 10.0920

Conversions

Conversions Part 2

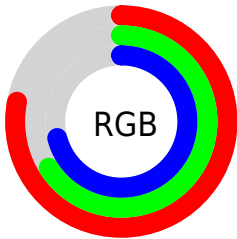
Format	Color
R_{YB}	198, 168, 180
Decimal	13019316
CIE _{Lab}	71.76, 12.93, -2.08
CIE _{LCh}	72, 13.095, 350.844
Yxy	43.3063, 0.3300, 0.3139
Android (android.graphics.Color)	4291209396 (0xFFC6A8B4)
YUV	178.3380, 0.8194, 17.2436
Hunter-Lab	65.8075, 8.3281, 1.8026

Details

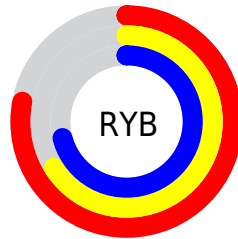
The Yxy color **43.3063, 0.3300, 0.3139** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **52.2597, 0.2981, 0.3446**, and the grayscale version is **44.6995, 0.3127, 0.3290**.

A 20% lighter version of the original color is **80.0915, 0.3267, 0.3162**, and **19.9524, 0.3355, 0.3102** is the 20% darker color. If you saturate the color by 10%, you get **36.0810, 0.3445, 0.3033**, and if you desaturate by 10%, it is **51.6902, 0.3180, 0.3240**.

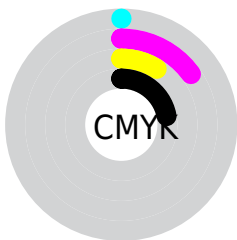
Distribution



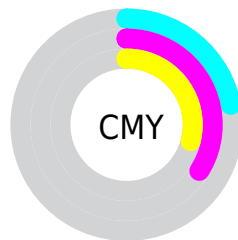
- Red (78%)
- Green (66%)
- Blue (71%)



- Red (78%)
- Yellow (66%)
- Blue (71%)



- Cyan (0%)
- Magenta (15%)
- Yellow (9%)
- Black (22%)



- Cyan (22%)
- Magenta (34%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 43.3063, 0.3300, 0.3139 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 43.3063, 0.3300, 0.3139 by changing the saturation by 10% instead.


 43.3063, 0.3300,
0.3139


 43.3063, 0.3300,
0.3139

359.8699, 0.3213,
0.3215

 30.1255, 0.3322,
0.3120

 80.1729, 0.3268,
0.3167

 19.9339, 0.3350,
0.3096


 104.6275, 0.3256,
0.3177

 12.3470, 0.3389,
0.3063


133.6088, 0.3246,
0.3186

 6.9805, 0.3442,
0.3017

167.5012, 0.3238,
0.3193

 3.4499, 0.3524,
0.2948

206.6891, 0.3230,
0.3200

 1.3709, 0.3663,
0.2833

251.5569, 0.3224,

 0.1951, 0.4753,

0.3205

0.1851

302.4891, 0.3218,
0.3210

0.0000, 0.0000,
0.0000

43.3063, 0.3300,
0.3139

43.3063, 0.3300,
0.3139

36.0810, 0.3445,
0.3033

51.6902, 0.3180,
0.3240

29.9573, 0.3621,
0.2926

61.2749, 0.3082,
0.3335

24.8820, 0.3830,
0.2822

72.1076, 0.3001,
0.3423

20.7953, 0.4074,
0.2730

84.2312, 0.2935,
0.3504

17.6312, 0.4351,
0.2660

89.7848, 0.2874,
0.3455

■ 15.3154, 0.4652,
0.2626

■ 90.5131, 0.2813,
0.3327

■ 13.7622, 0.4961,
0.2638

■ 90.7456, 0.2794,
0.3289

■ 12.8672, 0.5256,
0.2702

■ 12.5708, 0.5393,
0.2745

Harmonies

Analogous

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



43.3063, 0.3112, 0.3024



43.3063, 0.3300, 0.3139



43.3063, 0.3443, 0.3293

Triad

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



43.3063, 0.3300, 0.3139



43.3063, 0.3317, 0.3622



43.3063, 0.2769, 0.3113

Complementary

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



43.3063, 0.3300, 0.3139



52.2597, 0.2981, 0.3446

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.



43.3063, 0.2820, 0.3275



43.3063, 0.3300, 0.3139



43.3063, 0.3133, 0.3577

Square

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



43.3063, 0.3300, 0.3139



43.3063, 0.3452, 0.3572



43.3063, 0.2952, 0.3447



43.3063, 0.2810, 0.3005

Rectangle

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



43.3063, 0.3300, 0.3139



43.3063, 0.3492, 0.3400



43.3063, 0.2952, 0.3447



43.3063, 0.2776, 0.3162

Sweetspot

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



43.3082, 0.3300, 0.3139



91.6496, 0.3179, 0.3241



42.5247, 0.3039, 0.2907



19.3751, 0.3187, 0.3234



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.



43.3082, 0.3300, 0.3139



72.4795, 0.3342, 0.3106



43.9615, 0.3402, 0.3329



10.7059, 0.3228, 0.3198



8.1911, 0.5359, 0.2726



0.4021, 0.4807, 0.2422

Inverse Universe

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



43.3082, 0.3300, 0.3139



72.4795, 0.3342, 0.3106



51.4330, 0.2898, 0.3251



10.7059, 0.3228, 0.3198



8.1911, 0.5359, 0.2726



0.4021, 0.4807, 0.2422

Previews

White Background



This preview shows how the Yxy color 43.3063, 0.3300, 0.3139 looks on a white background.

Color Contrast Check

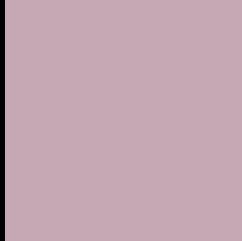
Large Text (above 18pt) WCAG AA × Fail

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 43.3063, 0.3300, 0.3139 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

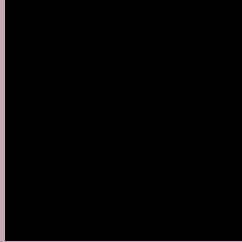
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 43.3063, 0.3300, 0.3139

Background



This preview shows how black text looks on a background with the Yxy color 43.3063, 0.3300, 0.3139.



This preview shows how white text looks on a background with the Yxy color 43.3063, 0.3300, 0.3139.

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

43.3063, 0.3300, 0.3139

Protanopia

43.4677, 0.3072, 0.3171

Deuteranopia

43.4569, 0.3241, 0.3187



Tritanopia

43.3472, 0.3291, 0.3126

Trichromacy



Original Color

43.3063, 0.3300, 0.3139

Protanomaly

43.2382, 0.3152, 0.3147

Deuteranomaly

43.4735, 0.3269, 0.3175

Tritanomaly

43.3472, 0.3291, 0.3126

Monochromacy



Original Color

43.3063, 0.3300, 0.3139

Achromatopsia

44.5201, 0.3127, 0.3290

Achromatomaly

43.8411, 0.3184, 0.3225

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.3063, 0.3300, 0.3139 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, 180)` looks like.

```
.text, #text, p{  
    color:rgb(198, 168, 180)  
}
```

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, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 168, 180) }
```

Border

The CSS property to change the border of an element to Yxy 43.3063, 0.3300, 0.3139 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, 180) }
```

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

```
.border{ border-color:rgb(198, 168, 180) }
```

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, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 168, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 168, 180);  
box-shadow:4px 4px 4px 4px rgb(198, 168,  
180) }
```


Background

The CSS property to change the background color of an element to Yxy 43.3063, 0.3300, 0.3139 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, 180) }
```

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

```
.background{ background-color: rgb(198,  
168, 180) }
```

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