

Converting Colors

$Yxy(43.3473, 0.3302, 0.3185)$

Have a look what the booklet for
Yxy(43.3473, 0.3302, 0.3185)
contains.

Yxy(43.2860, 0.3307, 0.3188)	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(43.2860, 0.3307, 0.3188)

Conversions

Conversions Part 1

Format	Color
Hex	C4A9B1
RGB	196, 169, 177
RGB Percent	77%, 66%, 69%
CMY	0.2311, 0.3373, 0.3058
CMYK	0.00, 0.14, 0.10, 0.23
HSL	342°, 19%, 72%
HSV	342°, 14%, 77%
XYZ	44.9018, 43.2860, 47.5902
YIQ	177.9850, 13.5240, 8.2120

Conversions

Conversions Part 2

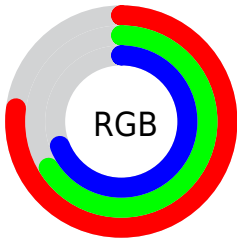
Format	Color
R _Y B	196, 169, 177
Decimal	12888497
CIE Lab	71.75, 11.19, -0.49
CIE LCh	72, 11.198, 357.494
Yxy	43.2860, 0.3307, 0.3188
Android (android.graphics.Color)	4291078577 (0xFFC4A9B1)
YUV	177.9850, -0.4856, 15.7992
Hunter-Lab	65.7921, 6.6864, 3.1675

Details

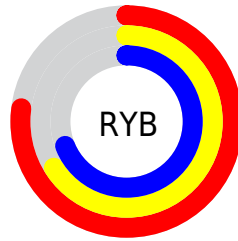
The Yxy color **43.2860, 0.3307, 0.3188** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **51.5733, 0.2975, 0.3394**, and the grayscale version is **44.5141, 0.3127, 0.3290**.

A 20% lighter version of the original color is **80.0771, 0.3272, 0.3201**, and **19.9286, 0.3364, 0.3169** is the 20% darker color. If you saturate the color by 10%, you get **36.0102, 0.3473, 0.3109**, and if you desaturate by 10%, it is **51.7150, 0.3172, 0.3263**.

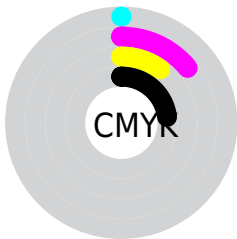
Distribution



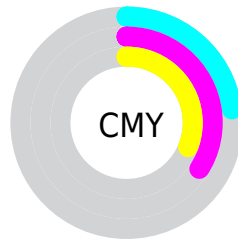
- Red (77%)
- Green (66%)
- Blue (69%)



- Red (77%)
- Yellow (66%)
- Blue (69%)



- Cyan (0%)
- Magenta (14%)
- Yellow (10%)
- Black (23%)





- Cyan (23%)
- Magenta (34%)
- Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 43.2860, 0.3307, 0.3188 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 43.2860, 0.3307, 0.3188 by changing the saturation by 10% instead.


 43.2860, 0.3307,
0.3188


 43.2860, 0.3307,
0.3188

359.7866, 0.3216,
0.3240

 30.1096, 0.3330,
0.3175

 80.1423, 0.3274,
0.3207

 19.9218, 0.3360,
0.3158


 104.5909, 0.3261,
0.3214

 12.3382, 0.3400,
0.3135


133.5657, 0.3251,
0.3220

 6.9744, 0.3457,
0.3103

167.4512, 0.3242,
0.3225

 3.4461, 0.3544,
0.3054

206.6316, 0.3234,
0.3229

 1.3688, 0.3693,
0.2971

251.4913, 0.3227,

 0.1936, 0.5103,

0.3233

0.2161

302.4149, 0.3221,
0.3237

0.0000, 0.0000,
0.0000

43.2860, 0.3307,
0.3188

43.2860, 0.3307,
0.3188

36.0102, 0.3473,
0.3109

51.7150, 0.3172,
0.3263

29.8317, 0.3675,
0.3029

61.3386, 0.3062,
0.3332

24.6985, 0.3918,
0.2951

72.2031, 0.2972,
0.3397

20.5521, 0.4206,
0.2883

84.3506, 0.2898,
0.3455

17.3283, 0.4536,
0.2833

89.9160, 0.2830,
0.3385

■ 14.9550, 0.4895,
0.2814

■ 90.4842, 0.2784,
0.3289

■ 13.3494, 0.5261,
0.2837

■ 12.4119, 0.5598,
0.2905

■ 12.0513, 0.5785,
0.2960

Harmonies

Analogous

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



43.2860, 0.3152, 0.3079



43.2860, 0.3307, 0.3188



43.2860, 0.3415, 0.3324

Triad

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



43.2860, 0.3307, 0.3188



43.2860, 0.3257, 0.3571



43.2860, 0.2821, 0.3114

Complementary

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



43.2860, 0.3307, 0.3188



51.5733, 0.2975, 0.3394

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.



43.2860, 0.2847, 0.3245



43.2860, 0.3307, 0.3188



43.2860, 0.3097, 0.3515

Square

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



43.2860, 0.3307, 0.3188



43.2860, 0.3385, 0.3548



43.2860, 0.2948, 0.3393



43.2860, 0.2873, 0.3034

Rectangle

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



43.2860, 0.3307, 0.3188



43.2860, 0.3444, 0.3414



43.2860, 0.2948, 0.3393



43.2860, 0.2821, 0.3153

Sweetspot

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



43.2879, 0.3307, 0.3188



93.2104, 0.3175, 0.3261



43.0407, 0.3071, 0.2945



19.6861, 0.3184, 0.3255



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.



43.2879, 0.3307, 0.3188



73.5816, 0.3360, 0.3161



45.0339, 0.3369, 0.3360



10.1260, 0.3243, 0.3222



7.7513, 0.5748, 0.2940



0.3474, 0.5094, 0.2580

Inverse Universe

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



43.2879, 0.3307, 0.3188



73.5816, 0.3360, 0.3161



49.5290, 0.2917, 0.3219



10.1260, 0.3243, 0.3222



7.7513, 0.5748, 0.2940



0.3474, 0.5094, 0.2580

Previews

White Background



This preview shows how the Yxy color 43.2860, 0.3307, 0.3188 looks on a white background.

Color Contrast Check

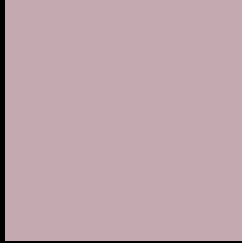
Large Text (above 18pt) WCAG AA × Fail

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 43.2860, 0.3307, 0.3188 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

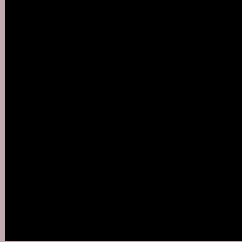
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 43.2860, 0.3307, 0.3188

Background



This preview shows how black text looks on a background with the Yxy color 43.2860, 0.3307, 0.3188.



This preview shows how white text looks on a background with the Yxy color 43.2860, 0.3307, 0.3188.

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

43.2860, 0.3307, 0.3188

Protanopia

43.4611, 0.3105, 0.3210

Deuteranopia

43.1302, 0.3268, 0.3200



Tritanopia

43.2118, 0.3282, 0.3126

Trichromacy



Original Color

43.2860, 0.3307, 0.3188

Protanomaly

43.4967, 0.3176, 0.3199

Deuteranomaly

43.2612, 0.3277, 0.3200

Tritanomaly

43.1709, 0.3291, 0.3138

Monochromacy



Original Color

43.2860, 0.3307, 0.3188

Achromatopsia

44.5201, 0.3127, 0.3290

Achromatomaly

44.1886, 0.3191, 0.3251

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.2860, 0.3307, 0.3188 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, 177)` looks like.

```
.text, #text, p{  
    color:rgb(196, 169, 177)  
}
```

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, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 169, 177) }
```

Border

The CSS property to change the border of an element to Yxy 43.2860, 0.3307, 0.3188 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, 177) }
```

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

```
.border{ border-color:rgb(196, 169, 177) }
```

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, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(196, 169, 177); -webkit-box-shadow:4px 4px 4px 4px rgb(196, 169, 177); box-shadow:4px 4px 4px 4px rgb(196, 169, 177) }
```


Background

The CSS property to change the background color of an element to Yxy 43.2860, 0.3307, 0.3188 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, 177) }
```

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

```
.background{ background-color: rgb(196,  
169, 177) }
```

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