

Converting Colors

$Y_{xy}(45.1644, 0.3310, 0.3046)$

Have a look what the booklet for
Yxy(45.1644, 0.3310, 0.3046)
contains.

Yxy(44.9448, 0.3303, 0.3035)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(44.9448, 0.3303, 0.3035)

Conversions

Conversions Part 1

Format	Color
Hex	CFA8BD
RGB	207, 168, 189
RGB Percent	81%, 66%, 74%
CMY	0.1883, 0.3411, 0.2589
CMYK	0.00, 0.19, 0.09, 0.19
HSL	328°, 29%, 74%
HSV	328°, 19%, 81%
XYZ	48.9136, 44.9448, 54.2299
YIQ	182.0550, 16.5030, 14.7990

Conversions

Conversions Part 2

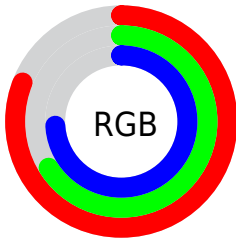
Format	Color
R _Y B	207, 168, 189
Decimal	13609149
CIE Lab	72.86, 17.68, -5.34
CIE LCh	73, 18.472, 343.213
Yxy	44.9448, 0.3303, 0.3035
Android (android.graphics.Color)	4291799229 (0xFFCFA8BD)
YUV	182.0550, 3.4239, 21.8768
Hunter-Lab	67.0409, 12.9135, -1.0316

Details

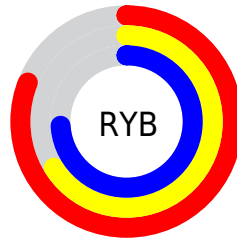
The Yxy color **44.9448, 0.3303, 0.3035** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **56.4873, 0.2982, 0.3560**, and the grayscale version is **46.7846, 0.3127, 0.3290**.

A 20% lighter version of the original color is **80.6279, 0.3207, 0.3074**, and **20.9438, 0.3345, 0.2964** is the 20% darker color. If you saturate the color by 10%, you get **37.5006, 0.3423, 0.2892**, and if you desaturate by 10%, it is **53.6368, 0.3202, 0.3174**.

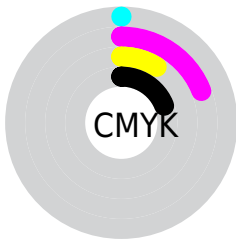
Distribution



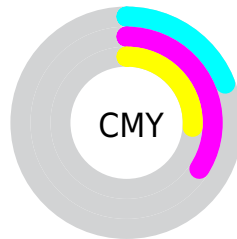
- Red (81%)
- Green (66%)
- Blue (74%)



- Red (81%)
- Yellow (66%)
- Blue (74%)



- Cyan (0%)
- Magenta (19%)
- Yellow (9%)
- Black (19%)





- Cyan (19%)
- Magenta (34%)
- Yellow (26%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 44.9448, 0.3303, 0.3035 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 44.9448, 0.3303, 0.3035 by changing the saturation by 10% instead.


 44.9448, 0.3303,
0.3035

 44.9448, 0.3303,
0.3035


366.5500, 0.3216,
0.3161

 31.4139, 0.3325,
0.3004


 82.6376, 0.3271,
0.3080

 20.9143, 0.3352,
0.2965


 107.5683, 0.3260,
0.3097

 13.0613, 0.3389,
0.2913


137.0677, 0.3250,
0.3112

 7.4708, 0.3439,
0.2841

171.5203, 0.3241,
0.3125

 3.7582, 0.3515,
0.2736

211.3104, 0.3233,
0.3135

 1.5393, 0.3637,
0.2568

256.8225, 0.3227,

 0.3161, 0.4147,

0.3145

0.1791

308.4409, 0.3221,
0.3153

0.0000, 0.0000,
0.0000

44.9448, 0.3303,
0.3035

44.9448, 0.3303,
0.3035

37.5006, 0.3423,
0.2892

53.6368, 0.3202,
0.3174

31.2402, 0.3566,
0.2750

63.6246, 0.3118,
0.3305

26.1030, 0.3731,
0.2615

74.9612, 0.3048,
0.3428

22.0206, 0.3919,
0.2497

87.6947, 0.2991,
0.3542

18.9172, 0.4127,
0.2409

90.8840, 0.2939,
0.3481

■ 16.7064, 0.4347,
0.2361

■ 91.4572, 0.2889,
0.3379

■ 15.2868, 0.4570,
0.2364

■ 92.0022, 0.2843,
0.3289

■ 14.4960, 0.4787,
0.2418

■ 14.4181, 0.4813,
0.2425

Harmonies

Analogous

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



44.9448, 0.3037, 0.2899



44.9448, 0.3303, 0.3035



44.9448, 0.3528, 0.3234

Triad

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



44.9448, 0.3303, 0.3035



44.9448, 0.3446, 0.3748



44.9448, 0.2639, 0.3091

Complementary

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



44.9448, 0.3303, 0.3035



56.4873, 0.2982, 0.3560

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.



44.9448, 0.2739, 0.3329



44.9448, 0.3303, 0.3035



44.9448, 0.3200, 0.3723

Square

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



44.9448, 0.3303, 0.3035



44.9448, 0.3610, 0.3644



44.9448, 0.2942, 0.3567



44.9448, 0.2663, 0.2922

Rectangle

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



44.9448, 0.3303, 0.3035



44.9448, 0.3619, 0.3382



44.9448, 0.2942, 0.3567



44.9448, 0.2659, 0.3165

Sweetspot

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



44.9468, 0.3303, 0.3035



90.1768, 0.3177, 0.3211



42.8979, 0.2964, 0.2800



19.0828, 0.3183, 0.3202



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.



44.9468, 0.3303, 0.3035



66.4943, 0.3354, 0.2972



44.1744, 0.3475, 0.3267



11.9131, 0.3208, 0.3166



9.1056, 0.4785, 0.2409



0.5251, 0.4418, 0.2207

Inverse Universe

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



44.9468, 0.3303, 0.3035



66.4943, 0.3354, 0.2972



57.3508, 0.2859, 0.3314



11.9131, 0.3208, 0.3166



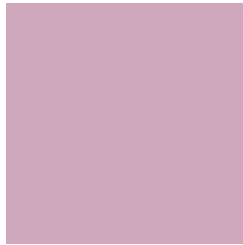
9.1056, 0.4785, 0.2409



0.5251, 0.4418, 0.2207

Previews

White Background



This preview shows how the Yxy color 44.9448, 0.3303, 0.3035 looks on a white background.

Color Contrast Check

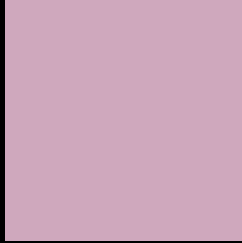
Large Text (above 18pt) WCAG AA × Fail

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 44.9448, 0.3303, 0.3035 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

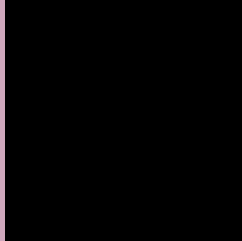
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 44.9448, 0.3303, 0.3035

Background



This preview shows how black text looks on a background with the Yxy color 44.9448, 0.3303, 0.3035.



This preview shows how white text looks on a background with the Yxy color 44.9448, 0.3303, 0.3035.

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

44.9448, 0.3303, 0.3035

Protanopia

45.2459, 0.2994, 0.3069

Deuteranopia

45.1094, 0.3171, 0.3113



Tritanopia

44.8751, 0.3355, 0.3131

Trichromacy



Original Color

44.9448, 0.3303, 0.3035

Protanomaly

44.9412, 0.3104, 0.3049

Deuteranomaly

45.0062, 0.3217, 0.3090

Tritanomaly

45.0005, 0.3328, 0.3094

Monochromacy



Original Color

44.9448, 0.3303, 0.3035

Achromatopsia

46.7784, 0.3127, 0.3290

Achromatomaly

46.0234, 0.3184, 0.3188

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.9448, 0.3303, 0.3035 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(207, 168, 189)` looks like.

```
.text, #text, p{  
    color:rgb(207, 168, 189)  
}
```

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(207, 168, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 168, 189) }
```

Border

The CSS property to change the border of an element to Yxy 44.9448, 0.3303, 0.3035 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(207, 168, 189) }
```

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

```
.border{ border-color:rgb(207, 168, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 168, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(207, 168, 189); -webkit-box-shadow:4px 4px 4px 4px rgb(207, 168, 189); box-shadow:4px 4px 4px 4px rgb(207, 168, 189) }
```


Background

The CSS property to change the background color of an element to Yxy 44.9448, 0.3303, 0.3035 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 168, 189) }
```

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

```
.background{ background-color: rgb(207,  
168, 189) }
```

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