

Converting Colors

$Yxy(44.7924, 0.3317, 0.3022)$

Have a look what the booklet for
Yxy(44.7924, 0.3317, 0.3022)
contains.

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Color

Yxy(44.7215, 0.3313, 0.3023)

Conversions

Conversions Part 1

Format	Color
Hex	D0A7BD
RGB	208, 167, 189
RGB Percent	82%, 65%, 74%
CMY	0.1844, 0.3450, 0.2587
CMYK	0.00, 0.20, 0.09, 0.18
HSL	328°, 30%, 74%
HSV	328°, 20%, 82%
XYZ	49.0117, 44.7215, 54.2043
YIQ	181.7670, 17.3740, 15.5340

Conversions

Conversions Part 2

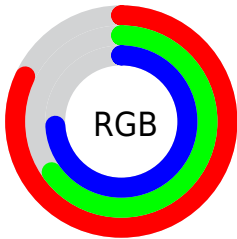
Format	Color
R _Y B	208, 167, 189
Decimal	13674429
CIE Lab	72.71, 18.59, -5.56
CIE LCh	73, 19.402, 343.335
Yxy	44.7215, 0.3313, 0.3023
Android (android.graphics.Color)	4291864509 (0xFFD0A7BD)
YUV	181.7670, 3.5659, 23.0063
Hunter-Lab	66.8741, 13.7919, -1.2451

Details

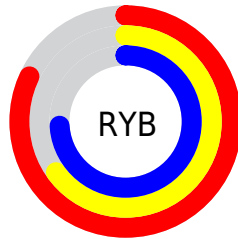
The Yxy color **44.7215, 0.3313, 0.3023** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **56.8578, 0.2976, 0.3573**, and the grayscale version is **46.6194, 0.3127, 0.3290**.

A 20% lighter version of the original color is **80.0951, 0.3208, 0.3064**, and **20.8113, 0.3359, 0.2949** is the 20% darker color. If you saturate the color by 10%, you get **37.3014, 0.3436, 0.2880**, and if you desaturate by 10%, it is **53.3987, 0.3210, 0.3162**.

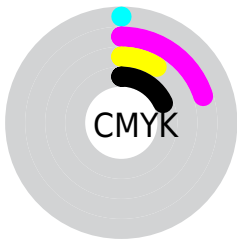
Distribution



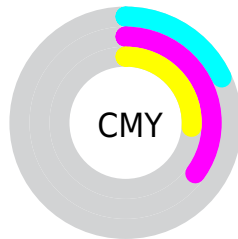
- Red (82%)
- Green (65%)
- Blue (74%)



- Red (82%)
- Yellow (65%)
- Blue (74%)



- Cyan (0%)
- Magenta (20%)
- Yellow (9%)
- Black (18%)





- Cyan (18%)
- Magenta (35%)
- Yellow (26%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 44.7215, 0.3313, 0.3023 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 44.7215, 0.3313, 0.3023 by changing the saturation by 10% instead.


 44.7215, 0.3313,
0.3023

 44.7215, 0.3313,
0.3023


365.6445, 0.3221,
0.3155

 31.2381, 0.3336,
0.2991


 82.3023, 0.3280,
0.3070

 20.7802, 0.3365,
0.2949


 107.1686, 0.3267,
0.3088

 12.9635, 0.3404,
0.2895


136.5979, 0.3256,
0.3104

 7.4034, 0.3457,
0.2820

170.9747, 0.3247,
0.3117

 3.7156, 0.3537,
0.2711

210.6833, 0.3239,
0.3128

 1.5158, 0.3666,
0.2535

256.1083, 0.3232,

 0.2998, 0.4212,

0.3138

0.1709

307.6338, 0.3226,
0.3147

0.0000, 0.0000,
0.0000

44.7215, 0.3313,
0.3023

44.7215, 0.3313,
0.3023

37.3014, 0.3436,
0.2880

53.3987, 0.3210,
0.3162

31.0734, 0.3580,
0.2738

63.3820, 0.3125,
0.3294

25.9757, 0.3748,
0.2605

74.7252, 0.3054,
0.3417

21.9385, 0.3938,
0.2489

87.4772, 0.2995,
0.3532

18.8843, 0.4148,
0.2404

91.0477, 0.2943,
0.3477

■ 16.7245, 0.4369,
0.2360

■ 91.6258, 0.2892,
0.3375

■ 15.3549, 0.4593,
0.2369

■ 92.1455, 0.2849,
0.3289

■ 14.5902, 0.4810,
0.2425

■ 14.5697, 0.4817,
0.2427

Harmonies

Analogous

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



44.7215, 0.3033, 0.2880



44.7215, 0.3313, 0.3023



44.7215, 0.3549, 0.3232

Triad

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



44.7215, 0.3313, 0.3023



44.7215, 0.3461, 0.3772



44.7215, 0.2614, 0.3079

Complementary

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



44.7215, 0.3313, 0.3023



56.8578, 0.2976, 0.3573

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.



44.7215, 0.2718, 0.3329



44.7215, 0.3313, 0.3023



44.7215, 0.3202, 0.3747

Square

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



44.7215, 0.3313, 0.3023



44.7215, 0.3635, 0.3662



44.7215, 0.2931, 0.3581



44.7215, 0.2640, 0.2902

Rectangle

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



44.7215, 0.3313, 0.3023



44.7215, 0.3645, 0.3386



44.7215, 0.2931, 0.3581



44.7215, 0.2635, 0.3157

Sweetspot

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



44.7235, 0.3313, 0.3023



90.1761, 0.3177, 0.3211



42.5652, 0.2955, 0.2775



19.0826, 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.



44.7235, 0.3313, 0.3023



65.2832, 0.3367, 0.2958



43.9154, 0.3495, 0.3266



11.9129, 0.3208, 0.3166



9.1033, 0.4788, 0.2411



0.5249, 0.4420, 0.2209

Inverse Universe

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



44.7235, 0.3313, 0.3023



65.2832, 0.3367, 0.2958



57.7666, 0.2847, 0.3315



11.9129, 0.3208, 0.3166



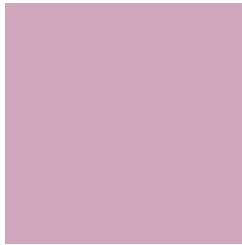
9.1033, 0.4788, 0.2411



0.5249, 0.4420, 0.2209

Previews

White Background



This preview shows how the Yxy color 44.7215, 0.3313, 0.3023 looks on a white background.

Color Contrast Check

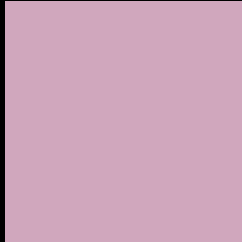
Large Text (above 18pt) WCAG AA × Fail

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 44.7215, 0.3313, 0.3023 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

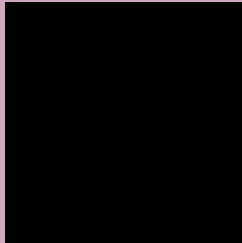
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 44.7215, 0.3313, 0.3023

Background



This preview shows how black text looks on a background with the Yxy color 44.7215, 0.3313, 0.3023.



This preview shows how white text looks on a background with the Yxy color 44.7215, 0.3313, 0.3023.

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

44.7215, 0.3313, 0.3023

Protanopia

44.7315, 0.2985, 0.3056

Deuteranopia

44.7244, 0.3172, 0.3100



Tritanopia

44.6069, 0.3374, 0.3131

Trichromacy



Original Color

44.7215, 0.3313, 0.3023

Protanomaly

44.4288, 0.3095, 0.3035

Deuteranomaly

44.7624, 0.3227, 0.3078

Tritanomaly

44.7314, 0.3347, 0.3095

Monochromacy



Original Color

44.7215, 0.3313, 0.3023

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 44.7215, 0.3313, 0.3023 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(208, 167, 189)` looks like.

```
.text, #text, p{  
    color:rgb(208, 167, 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(208, 167, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 167, 189) }
```

Border

The CSS property to change the border of an element to Yxy 44.7215, 0.3313, 0.3023 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(208, 167, 189) }
```

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

```
.border{ border-color:rgb(208, 167, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(208, 167, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 167, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 167, 189);  
box-shadow:4px 4px 4px 4px rgb(208, 167,  
189) }
```


Background

The CSS property to change the background color of an element to Yxy 44.7215, 0.3313, 0.3023 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 167, 189) }
```

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

```
.background{ background-color: rgb(208,  
167, 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](#).

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