

Converting Colors

$Yxy(44.2194, 0.3390, 0.3116)$

Have a look what the booklet for
Yxy(44.2194, 0.3390, 0.3116)
contains.

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Color

Yxy(44.3835, 0.3385, 0.3119)

Conversions

Conversions Part 1

Format	Color
Hex	D0A7B5
RGB	208, 167, 181
RGB Percent	82%, 65%, 71%
CMY	0.1844, 0.3451, 0.2902
CMYK	0.00, 0.20, 0.13, 0.18
HSL	340°, 30%, 74%
HSV	340°, 20%, 82%
XYZ	48.1687, 44.3835, 49.7482
YIQ	180.8550, 19.9420, 13.0460

Conversions

Conversions Part 2

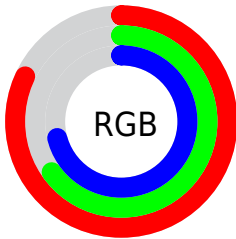
Format	Color
R _Y B	208, 167, 181
Decimal	13674421
CIE Lab	72.48, 17.24, -1.48
CIE LCh	72, 17.305, 355.087
Yxy	44.3835, 0.3385, 0.3119
Android (android.graphics.Color)	4291864501 (0xFFD0A7B5)
YUV	180.8550, 0.0715, 23.8062
Hunter-Lab	66.6209, 12.4735, 2.3607

Details

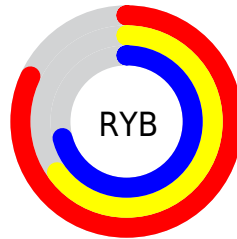
The Yxy color **44.3835, 0.3385, 0.3119** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **57.2149, 0.2923, 0.3468**, and the grayscale version is **46.1182, 0.3127, 0.3290**.

A 20% lighter version of the original color is **79.6170, 0.3262, 0.3142**, and **20.5923, 0.3461, 0.3077** is the 20% darker color. If you saturate the color by 10%, you get **36.8326, 0.3560, 0.3027**, and if you desaturate by 10%, it is **53.2192, 0.3241, 0.3208**.

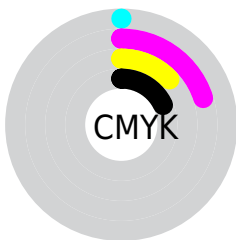
Distribution



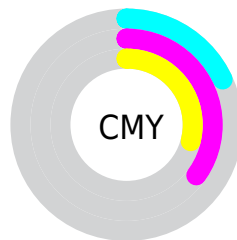
- Red (82%)
- Green (65%)
- Blue (71%)



- Red (82%)
- Yellow (65%)
- Blue (71%)



- Cyan (0%)
- Magenta (20%)
- Yellow (13%)
- Black (18%)





- Cyan (18%)
- Magenta (35%)
- Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 44.3835, 0.3385, 0.3119 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 44.3835, 0.3385, 0.3119 by changing the saturation by 10% instead.


 44.3835, 0.3385,
0.3119

 44.3835, 0.3385,
0.3119


364.2709, 0.3255,
0.3205

 30.9721, 0.3418,
0.3098


 81.7945, 0.3338,
0.3150

 20.5776, 0.3460,
0.3070


 106.5629, 0.3320,
0.3162

 12.8156, 0.3516,
0.3033


135.8858, 0.3305,
0.3172

 7.3017, 0.3595,
0.2982

170.1475, 0.3292,
0.3180

 3.6515, 0.3715,
0.2905

209.7325, 0.3281,
0.3188

 1.4806, 0.3916,
0.2778

255.0252, 0.3271,

 0.2750, 0.5016,

0.3194

0.2022

306.4098, 0.3263,
0.3200

0.0000, 0.0000,
0.0000

44.3835, 0.3385,
0.3119

44.3835, 0.3385,
0.3119

36.8326, 0.3560,
0.3027

53.2192, 0.3241,
0.3208

30.5004, 0.3772,
0.2935

63.3896, 0.3124,
0.3292

25.3240, 0.4023,
0.2850

74.9497, 0.3028,
0.3370

21.2324, 0.4315,
0.2781

87.9492, 0.2950,
0.3442

18.1467, 0.4640,
0.2739

91.7967, 0.2878,
0.3347

■ 15.9772, 0.4982,
0.2737

■ 92.1476, 0.2849,
0.3289

■ 14.6179, 0.5317,
0.2783

■ 13.8820, 0.5620,
0.2872

■ 13.8632, 0.5629,
0.2875

Harmonies

Analogous

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



44.3835, 0.3142, 0.2963



44.3835, 0.3385, 0.3119



44.3835, 0.3561, 0.3320

Triad

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



44.3835, 0.3385, 0.3119



44.3835, 0.3342, 0.3727



44.3835, 0.2662, 0.3030

Complementary

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



44.3835, 0.3385, 0.3119



57.2149, 0.2923, 0.3468

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.



44.3835, 0.2711, 0.3235



44.3835, 0.3385, 0.3119



44.3835, 0.3098, 0.3652

Square

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



44.3835, 0.3385, 0.3119



44.3835, 0.3533, 0.3675



44.3835, 0.2868, 0.3467



44.3835, 0.2730, 0.2906

Rectangle

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



44.3835, 0.3385, 0.3119



44.3835, 0.3613, 0.3458



44.3835, 0.2868, 0.3467



44.3835, 0.2665, 0.3091

Sweetspot

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



44.3855, 0.3385, 0.3119



89.9918, 0.3196, 0.3240



43.6168, 0.3025, 0.2786



19.0391, 0.3204, 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.



44.3855, 0.3385, 0.3119



64.6459, 0.3461, 0.3077



46.1453, 0.3499, 0.3367



11.8740, 0.3238, 0.3211



8.6582, 0.5592, 0.2854



0.4989, 0.5074, 0.2569

Inverse Universe

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



44.3855, 0.3385, 0.3119



64.6459, 0.3461, 0.3077



54.9349, 0.2830, 0.3212



11.8740, 0.3238, 0.3211



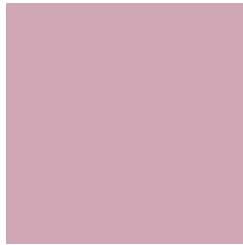
8.6582, 0.5592, 0.2854



0.4989, 0.5074, 0.2569

Previews

White Background



This preview shows how the Yxy color 44.3835, 0.3385, 0.3119 looks on a white background.

Color Contrast Check

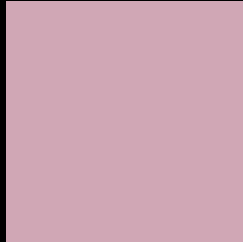
Large Text (above 18pt) WCAG AA × Fail

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 44.3835, 0.3385, 0.3119 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 44.3835, 0.3385, 0.3119

Background



This preview shows how black text looks on a background with the Yxy color 44.3835, 0.3385, 0.3119.



This preview shows how white text looks on a background with the Yxy color 44.3835, 0.3385, 0.3119.

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

44.3835, 0.3385, 0.3119

Protanopia

44.6158, 0.3064, 0.3159

Deuteranopia

44.2697, 0.3258, 0.3188



Tritanopia

44.3426, 0.3394, 0.3131

Trichromacy



Original Color

44.3835, 0.3385, 0.3119

Protanomaly

44.3371, 0.3179, 0.3136

Deuteranomaly

44.1869, 0.3306, 0.3165

Tritanomaly

44.3426, 0.3394, 0.3131

Monochromacy



Original Color

44.3835, 0.3385, 0.3119

Achromatopsia

46.2077, 0.3127, 0.3290

Achromatomaly

45.4632, 0.3218, 0.3226

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.3835, 0.3385, 0.3119 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, 181)` looks like.

```
.text, #text, p{  
    color:rgb(208, 167, 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(208, 167, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 167, 181) }
```

Border

The CSS property to change the border of an element to Yxy 44.3835, 0.3385, 0.3119 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, 181) }
```

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

```
.border{ border-color:rgb(208, 167, 181) }
```

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, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 167, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 167, 181);  
box-shadow:4px 4px 4px 4px rgb(208, 167,  
181) }
```


Background

The CSS property to change the background color of an element to Yxy 44.3835, 0.3385, 0.3119 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, 181) }
```

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

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