

Converting Colors

$Yxy(48.3451, 0.3415, 0.3243)$

Have a look what the booklet for
Yxy(48.3451, 0.3415, 0.3243)
contains.

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Color

Yxy(48.3430, 0.3415, 0.3243)

Conversions

Conversions Part 1

Format	Color
Hex	D4B0B4
RGB	212, 176, 180
RGB Percent	83%, 69%, 71%
CMY	0.1687, 0.3097, 0.2942
CMYK	0.00, 0.17, 0.15, 0.17
HSL	353°, 29%, 76%
HSV	353°, 17%, 83%
XYZ	50.9070, 48.3430, 49.8188
YIQ	187.2200, 20.1720, 8.8760

Conversions

Conversions Part 2

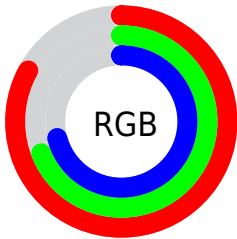
Format	Color
R_{YB}	212, 176, 180
Decimal	13938868
CIE _{Lab}	75.04, 13.64, 2.85
CIE _{LCh}	75, 13.931, 11.818
Yxy	48.3430, 0.3415, 0.3243
Android (android.graphics.Color)	4292128948 (0xFFD4B0B4)
YUV	187.2200, -3.5595, 21.7321
Hunter-Lab	69.5291, 9.0160, 6.1881

Details

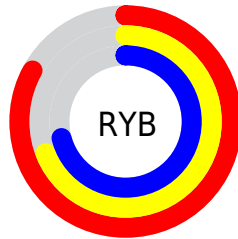
The Yxy color **48.3430, 0.3415, 0.3243** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **60.8586, 0.2898, 0.3338**, and the grayscale version is **49.8359, 0.3127, 0.3290**.

A 20% lighter version of the original color is **85.0294, 0.3259, 0.3251**, and **22.8663, 0.3502, 0.3227** is the 20% darker color. If you saturate the color by 10%, you get **39.9535, 0.3642, 0.3213**, and if you desaturate by 10%, it is **58.1393, 0.3233, 0.3271**.

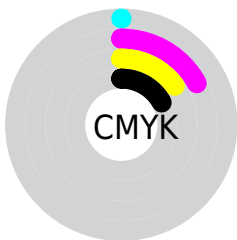
Distribution



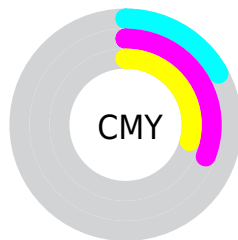
- Red (83%)
- Green (69%)
- Blue (71%)



- Red (83%)
- Yellow (69%)
- Blue (71%)



- Cyan (0%)
- Magenta (17%)
- Yellow (15%)
- Black (17%)




- Cyan (17%)
- Magenta (31%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 48.3430, 0.3415, 0.3243 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 48.3430, 0.3415, 0.3243 by changing the saturation by 10% instead.

 48.3430, 0.3415,
0.3243

 48.3430, 0.3415,
0.3243


380.1501, 0.3271,
0.3268

 34.0986, 0.3451,
0.3237


 87.7149, 0.3363,
0.3252

 22.9694, 0.3497,
0.3228


113.6111, 0.3343,
0.3255

 14.5709, 0.3558,
0.3217


144.1601, 0.3327,
0.3258

 8.5188, 0.3643,
0.3200

179.7463, 0.3312,
0.3261

 4.4287, 0.3770,
0.3175

220.7540, 0.3300,
0.3263

 1.9161, 0.3980,
0.3129

267.5675, 0.3289,

 0.5580, 0.4719,

0.3265

0.3050

320.5715, 0.3280,
0.3266

0.0000, 0.0000,
0.0000

48.3430, 0.3415,
0.3243

48.3430, 0.3415,
0.3243

39.9535, 0.3642,
0.3213

58.1393, 0.3233,
0.3271

32.9002, 0.3921,
0.3184

69.3960, 0.3086,
0.3298

27.1158, 0.4260,
0.3157

82.1719, 0.2968,
0.3322

22.5249, 0.4657,
0.3138

92.7326, 0.2871,
0.3289

19.0440, 0.5097,
0.3131

■ 16.5788, 0.5542,
0.3142

■ 15.0193, 0.5935,
0.3174

■ 14.2217, 0.6218,
0.3223

■ 14.0560, 0.6282,
0.3234

Harmonies

Analogous

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



48.3430, 0.3249, 0.3094



48.3430, 0.3415, 0.3243



48.3430, 0.3503, 0.3408

Triad

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



48.3430, 0.3415, 0.3243



48.3430, 0.3192, 0.3608



48.3430, 0.2779, 0.3024

Complementary

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



48.3430, 0.3415, 0.3243



60.8586, 0.2898, 0.3338

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.



48.3430, 0.2766, 0.3154



48.3430, 0.3415, 0.3243



48.3430, 0.3000, 0.3499

Square

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



48.3430, 0.3415, 0.3243



48.3430, 0.3371, 0.3625



48.3430, 0.2845, 0.3329



48.3430, 0.2883, 0.2968

Rectangle

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



48.3430, 0.3415, 0.3243



48.3430, 0.3503, 0.3507



48.3430, 0.2845, 0.3329



48.3430, 0.2764, 0.3060

Sweetspot

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



48.3452, 0.3415, 0.3243



91.4240, 0.3202, 0.3277



49.1873, 0.3111, 0.2868



19.3204, 0.3213, 0.3275



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.



48.3452, 0.3415, 0.3243



69.0802, 0.3483, 0.3234



53.8683, 0.3422, 0.3456



12.4429, 0.3274, 0.3265



8.6876, 0.6260, 0.3222



0.5317, 0.5913, 0.3031

Inverse Universe

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



48.3452, 0.3415, 0.3243



69.0802, 0.3483, 0.3234



54.4587, 0.2865, 0.3119



12.4429, 0.3274, 0.3265



8.6876, 0.6260, 0.3222



0.5317, 0.5913, 0.3031

Previews

White Background



This preview shows how the Yxy color 48.3430, 0.3415, 0.3243 looks on a white background.

Color Contrast Check

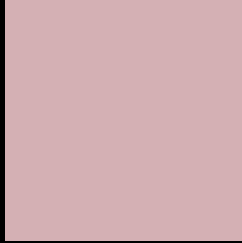
Large Text (above 18pt) WCAG AA × Fail

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 48.3430, 0.3415, 0.3243 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 48.3430, 0.3415, 0.3243

Background



This preview shows how black text looks on a background with the Yxy color 48.3430, 0.3415, 0.3243.



This preview shows how white text looks on a background with the Yxy color 48.3430, 0.3415, 0.3243.

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

48.3430, 0.3415, 0.3243

Protanopia

48.4751, 0.3153, 0.3277

Deuteranopia

48.4740, 0.3356, 0.3291



Tritanopia

48.4369, 0.3356, 0.3136

Trichromacy



Original Color

48.3430, 0.3415, 0.3243

Protanomaly

48.3370, 0.3249, 0.3265

Deuteranomaly

48.5054, 0.3384, 0.3279

Tritanomaly

48.3089, 0.3382, 0.3171

Monochromacy



Original Color

48.3430, 0.3415, 0.3243

Achromatopsia

49.6933, 0.3127, 0.3290

Achromatomaly

49.0634, 0.3230, 0.3278

CSS Examples

Text

The CSS property to change the color of the text to Yxy 48.3430, 0.3415, 0.3243 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(212, 176, 180)` looks like.

```
.text, #text, p{  
    color:rgb(212, 176, 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(212, 176, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 176, 180) }
```

Border

The CSS property to change the border of an element to Yxy 48.3430, 0.3415, 0.3243 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(212, 176, 180) }
```

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

```
.border{ border-color:rgb(212, 176, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 176, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 176, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 176, 180);  
box-shadow:4px 4px 4px 4px rgb(212, 176,  
180) }
```


Background

The CSS property to change the background color of an element to Yxy 48.3430, 0.3415, 0.3243 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 176, 180) }
```

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

```
.background{ background-color: rgb(212,  
176, 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](#).

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