

Converting Colors

$Yxy(48.5432, 0.3388, 0.3248)$

Have a look what the booklet for
Yxy(48.5432, 0.3388, 0.3248)
contains.

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Color

Yxy(48.4821, 0.3387, 0.3242)

Conversions

Conversions Part 1

Format	Color
Hex	D2B1B5
RGB	210, 177, 181
RGB Percent	82%, 69%, 71%
CMY	0.1763, 0.3059, 0.2901
CMYK	0.00, 0.16, 0.14, 0.18
HSL	353°, 27%, 76%
HSV	353°, 16%, 82%
XYZ	50.6505, 48.4821, 50.4112
YIQ	187.3230, 18.3840, 8.2400

Conversions

Conversions Part 2

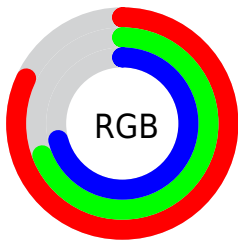
Format	Color
R _Y B	210, 177, 181
Decimal	13808053
CIE Lab	75.13, 12.58, 2.40
CIE LCh	75, 12.803, 10.782
Yxy	48.4821, 0.3387, 0.3242
Android (android.graphics.Color)	4291998133 (0xFFD2B1B5)
YUV	187.3230, -3.1172, 19.8877
Hunter-Lab	69.6291, 7.9959, 5.8146

Details

The Yxy color **48.4821, 0.3387, 0.3242** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **59.9162, 0.2916, 0.3339**, and the grayscale version is **49.8995, 0.3127, 0.3290**.

A 20% lighter version of the original color is **85.6523, 0.3252, 0.3251**, and **22.9424, 0.3462, 0.3226** is the 20% darker color. If you saturate the color by 10%, you get **40.1083, 0.3605, 0.3209**, and if you desaturate by 10%, it is **58.2375, 0.3212, 0.3273**.

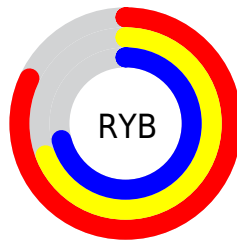
Distribution



Red (82%)

Green (69%)

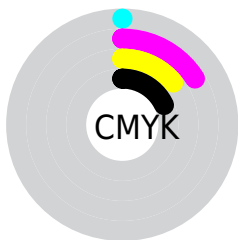
Blue (71%)



Red (82%)

Yellow (69%)

Blue (71%)

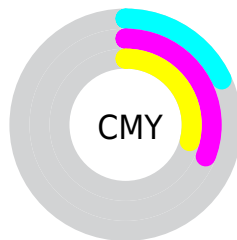


Cyan (0%)

Magenta (16%)

Yellow (14%)

Black (18%)



Cyan (18%)


Magenta (31%)

Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 48.4821, 0.3387, 0.3242 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 48.4821, 0.3387, 0.3242 by changing the saturation by 10% instead.


 48.4821, 0.3387,
0.3242

 48.4821, 0.3387,
0.3242


380.6999, 0.3257,
0.3267

 34.2088, 0.3419,
0.3236


 87.9218, 0.3340,
0.3251

 23.0541, 0.3461,
0.3227


113.8570, 0.3322,
0.3255

 14.6334, 0.3516,
0.3216


144.4482, 0.3307,
0.3257

 8.5625, 0.3592,
0.3200

180.0800, 0.3295,
0.3260

 4.4570, 0.3707,
0.3175

221.1367, 0.3283,
0.3262

 1.9323, 0.3895,
0.3132

268.0026, 0.3274,

 0.5677, 0.4540,

0.3264

0.3044

321.0622, 0.3265,
0.3265

0.0000, 0.0000,
0.0000

48.4821, 0.3387,
0.3242

48.4821, 0.3387,
0.3242

40.1083, 0.3605,
0.3209

58.2375, 0.3212,
0.3273

33.0475, 0.3873,
0.3177

69.4262, 0.3071,
0.3302

27.2350, 0.4200,
0.3147

82.1051, 0.2957,
0.3328

22.5979, 0.4584,
0.3123

92.4347, 0.2862,
0.3291

19.0559, 0.5015,
0.3113

92.4476, 0.2861,
0.3289

■ 16.5186, 0.5459,
0.3121

■ 14.8811, 0.5862,
0.3153

■ 14.0144, 0.6166,
0.3204

■ 13.7804, 0.6262,
0.3223

Harmonies

Analogous

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



48.4821, 0.3233, 0.3106



48.4821, 0.3387, 0.3242



48.4821, 0.3470, 0.3394

Triad

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



48.4821, 0.3387, 0.3242



48.4821, 0.3193, 0.3584



48.4821, 0.2805, 0.3049

Complementary

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



48.4821, 0.3387, 0.3242



59.9162, 0.2916, 0.3339

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.



48.4821, 0.2796, 0.3171



48.4821, 0.3387, 0.3242



48.4821, 0.3016, 0.3486

Square

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



48.4821, 0.3387, 0.3242



48.4821, 0.3356, 0.3596



48.4821, 0.2872, 0.3332



48.4821, 0.2898, 0.2994

Rectangle

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



48.4821, 0.3387, 0.3242



48.4821, 0.3473, 0.3485



48.4821, 0.2872, 0.3332



48.4821, 0.2792, 0.3083

Sweetspot

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



48.4843, 0.3387, 0.3242



91.4329, 0.3201, 0.3275



49.1645, 0.3108, 0.2899



19.3225, 0.3212, 0.3273



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.



48.4843, 0.3387, 0.3242



70.4441, 0.3457, 0.3231



53.3232, 0.3399, 0.3436



11.8313, 0.3272, 0.3262



8.4101, 0.6238, 0.3210



0.4782, 0.5844, 0.2993

Inverse Universe

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



48.4843, 0.3387, 0.3242



70.4441, 0.3457, 0.3231



54.3534, 0.2884, 0.3139



11.8313, 0.3272, 0.3262



8.4101, 0.6238, 0.3210



0.4782, 0.5844, 0.2993

Previews

White Background



This preview shows how the Yxy color 48.4821, 0.3387, 0.3242 looks on a white background.

Color Contrast Check

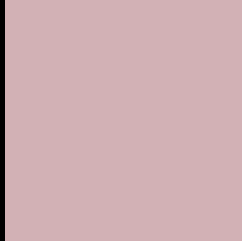
Large Text (above 18pt) WCAG AA × Fail

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 48.4821, 0.3387, 0.3242 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

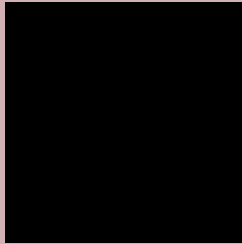
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 48.4821, 0.3387, 0.3242

Background



This preview shows how black text looks on a background with the Yxy color 48.4821, 0.3387, 0.3242.



This preview shows how white text looks on a background with the Yxy color 48.4821, 0.3387, 0.3242.

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

48.4821, 0.3387, 0.3242

Protanopia

48.4751, 0.3153, 0.3277

Deuteranopia

48.5555, 0.3339, 0.3266



Tritanopia

48.5737, 0.3328, 0.3135

Trichromacy



Original Color

48.4821, 0.3387, 0.3242

Protanomaly

48.2442, 0.3232, 0.3253

Deuteranomaly

48.4424, 0.3358, 0.3254

Tritanomaly

48.4447, 0.3354, 0.3170

Monochromacy



Original Color

48.4821, 0.3387, 0.3242

Achromatopsia

49.6933, 0.3127, 0.3290

Achromatomaly

48.9719, 0.3214, 0.3265

CSS Examples

Text

The CSS property to change the color of the text to Yxy 48.4821, 0.3387, 0.3242 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(210, 177, 181)` looks like.

```
.text, #text, p{  
    color:rgb(210, 177, 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(210, 177, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 177, 181) }
```

Border

The CSS property to change the border of an element to Yxy 48.4821, 0.3387, 0.3242 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(210, 177, 181) }
```

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

```
.border{ border-color:rgb(210, 177, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(210, 177, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 177, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 177, 181);  
box-shadow:4px 4px 4px 4px rgb(210, 177,  
181) }
```


Background

The CSS property to change the background color of an element to Yxy 48.4821, 0.3387, 0.3242 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 177, 181) }
```

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

```
.background{ background-color: rgb(210,  
177, 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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