

Converting Colors

$Yxy(48.6012, 0.3268, 0.3422)$

Have a look what the booklet for
Yxy(48.6012, 0.3268, 0.3422)
contains.

Yxy(48.4133, 0.3267, 0.3418)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(48.4133, 0.3267, 0.3418)

Conversions

Conversions Part 1

Format	Color
Hex	BFB8AE
RGB	191, 184, 174
RGB Percent	75%, 72%, 68%
CMY	0.2508, 0.2785, 0.3176
CMYK	0.00, 0.04, 0.09, 0.25
HSL	35°, 12%, 72%
HSV	35°, 9%, 75%
XYZ	46.2745, 48.4133, 46.9544
YIQ	184.9530, 7.3820, -1.6260

Conversions

Conversions Part 2

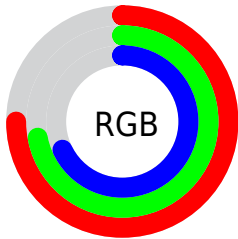
Format	Color
RYB	186, 191, 174
Decimal	12564654
CIELab	75.08, 0.74, 5.94
CIELCh	75, 5.987, 82.943
Yxy	48.4133, 0.3267, 0.3418
Android (android.graphics.Color)	4290754734 (0xFFBFB8AE)
YUV	184.9530, -5.3998, 5.3032
Hunter-Lab	69.5797, -3.0516, 8.6951

Details

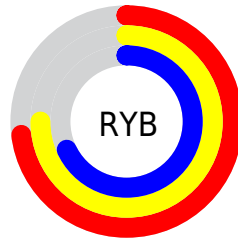
The Yxy color **48.4133, 0.3267, 0.3418** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **45.8352, 0.2991, 0.3159**, and the grayscale version is **48.5198, 0.3127, 0.3290**.

A 20% lighter version of the original color is **87.7515, 0.3242, 0.3400**, and **23.0410, 0.3308, 0.3447** is the 20% darker color. If you saturate the color by 10%, you get **44.5284, 0.3442, 0.3569**, and if you desaturate by 10%, it is **52.5921, 0.3111, 0.3275**.

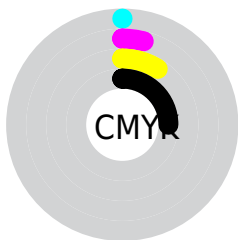
Distribution



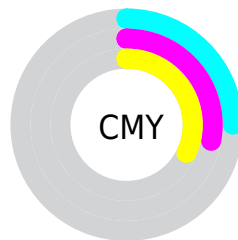
- Red (75%)
- Green (72%)
- Blue (68%)



- Red (73%)
- Yellow (75%)
- Blue (68%)



- Cyan (0%)
- Magenta (4%)
- Yellow (9%)
- Black (25%)



- Cyan (25%)
- Magenta (28%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 48.4133, 0.3267, 0.3418 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 48.4133, 0.3267, 0.3418 by changing the saturation by 10% instead.

■ 48.4133, 0.3267,
0.3418

■ 48.4133, 0.3267,
0.3418

380.4280, 0.3197,
0.3355

■ 34.1543, 0.3284,
0.3434

■ 87.8194, 0.3242,
0.3395

■ 23.0122, 0.3306,
0.3454

113.7354, 0.3232,
0.3386

■ 14.6025, 0.3336,
0.3480

144.3058, 0.3224,
0.3379

■ 8.5409, 0.3377,
0.3517

179.9150, 0.3217,
0.3373

■ 4.4430, 0.3438,
0.3572

220.9474, 0.3211,
0.3367

■ 1.9243, 0.3537,
0.3661

267.7875, 0.3206,

■ 0.5629, 0.4210,

0.3363

0.4286

320.8195, 0.3202,
0.3358

0.0000, 0.0000,
0.0000

48.4133, 0.3267,
0.3418

48.4133, 0.3267,
0.3418

44.5284, 0.3442,
0.3569

52.5921, 0.3111,
0.3275

40.9237, 0.3636,
0.3724

57.0655, 0.2973,
0.3141

37.5933, 0.3849,
0.3879

61.8424, 0.2851,
0.3017

34.5292, 0.4077,
0.4026

66.9295, 0.2744,
0.2903

31.7223, 0.4314,
0.4155

71.3614, 0.2727,
0.2945

■ 29.1632, 0.4550,
0.4256

■ 75.6997, 0.2735,
0.3033

■ 26.8414, 0.4775,
0.4317

■ 80.2382, 0.2742,
0.3121

■ 24.7451, 0.4973,
0.4328

■ 84.9794, 0.2750,
0.3206

■ 22.8562, 0.5142,
0.4290

■ 89.8217, 0.2757,
0.3289

Harmonies

Analogous

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



48.4133, 0.3290, 0.3368



48.4133, 0.3267, 0.3418



48.4133, 0.3206, 0.3434

Triad

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



48.4133, 0.3267, 0.3418



48.4133, 0.2988, 0.3280



48.4133, 0.3128, 0.3173

Complementary

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



48.4133, 0.3267, 0.3418



45.8352, 0.2991, 0.3159

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.



48.4133, 0.3047, 0.3150



48.4133, 0.3267, 0.3418



48.4133, 0.2967, 0.3209

Square

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



48.4133, 0.3267, 0.3418



48.4133, 0.3045, 0.3354



48.4133, 0.2989, 0.3162



48.4133, 0.3209, 0.3227

Rectangle

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



48.4133, 0.3267, 0.3418



48.4133, 0.3153, 0.3423



48.4133, 0.2989, 0.3162



48.4133, 0.3100, 0.3162

Sweetspot

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



48.4154, 0.3267, 0.3418



90.9939, 0.3173, 0.3333



44.6981, 0.3220, 0.3199



19.8476, 0.3186, 0.3345



97.7402, 0.3127, 0.3290



20.4902, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



48.4154, 0.3267, 0.3418



85.0538, 0.3305, 0.3451



51.2345, 0.3246, 0.3507



10.4403, 0.3274, 0.3424



15.0477, 0.5143, 0.4298



0.7156, 0.4858, 0.4525

Inverse Universe

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



45.8352, 0.2991, 0.3159



79.3531, 0.2955, 0.3123



43.2029, 0.3003, 0.3065



9.8567, 0.2984, 0.3152



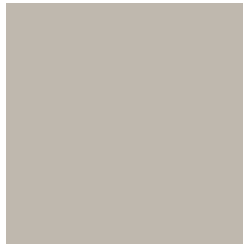
6.3039, 0.1701, 0.1325



0.3762, 0.1836, 0.1809

Previews

White Background



This preview shows how the Yxy color 48.4133, 0.3267, 0.3418 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 48.4133, 0.3267, 0.3418 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

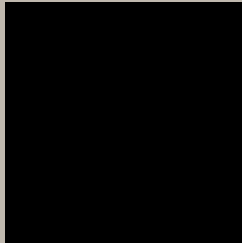
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

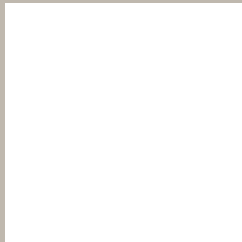
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 48.4133, 0.3267, 0.3418

Background



This preview shows how black text looks on a background with the Yxy color 48.4133, 0.3267, 0.3418.

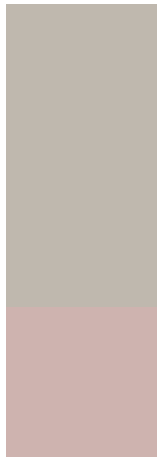


This preview shows how white text looks on a background with the Yxy color 48.4133, 0.3267, 0.3418.

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

48.4133, 0.3267, 0.3418

Protanopia

48.4133, 0.3267, 0.3418

Deuteranopia

48.4572, 0.3399, 0.3340



Tritanopia

48.4572, 0.3127, 0.3116

Trichromacy



Original Color

48.4133, 0.3267, 0.3418

Protanomaly

48.4133, 0.3267, 0.3418

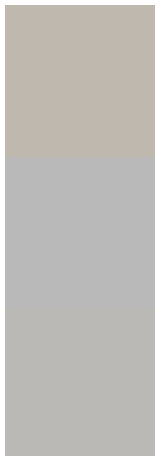
Deuteranomaly

48.5604, 0.3351, 0.3365

Tritanomaly

48.3812, 0.3181, 0.3227

Monochromacy



Original Color

48.4133, 0.3267, 0.3418

Achromatopsia

48.5150, 0.3127, 0.3290

Achromatomaly

48.5989, 0.3175, 0.3341

CSS Examples

Text

The CSS property to change the color of the text to Yxy 48.4133, 0.3267, 0.3418 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(191, 184, 174)` looks like.

```
.text, #text, p{  
    color:rgb(191, 184, 174)  
}
```

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(191, 184, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 184, 174) }
```

Border

The CSS property to change the border of an element to Yxy 48.4133, 0.3267, 0.3418 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(191, 184, 174) }
```

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

```
.border{ border-color:rgb(191, 184, 174) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 184, 174)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(191, 184, 174); -webkit-box-shadow:4px 4px 4px 4px rgb(191, 184, 174); box-shadow:4px 4px 4px 4px rgb(191, 184, 174) }
```


Background

The CSS property to change the background color of an element to Yxy 48.4133, 0.3267, 0.3418 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 184, 174) }
```

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

```
.background{ background-color: rgb(191,  
184, 174) }
```

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