

Converting Colors

$Yxy(48.6314, 0.3355, 0.3828)$

Have a look what the booklet for
Yxy(48.6314, 0.3355, 0.3828)
contains.

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Color

Yxy(48.7322, 0.3353, 0.3823)

Conversions

Conversions Part 1

Format	Color
Hex	B4BE96
RGB	180, 190, 150
RGB Percent	71%, 75%, 59%
CMY	0.2941, 0.2549, 0.4119
CMYK	0.05, 0.00, 0.21, 0.25
HSL	75°, 24%, 67%
HSV	75°, 21%, 75%
XYZ	42.7411, 48.7322, 35.9978
YIQ	182.4500, 6.8800, -14.5600

Conversions

Conversions Part 2

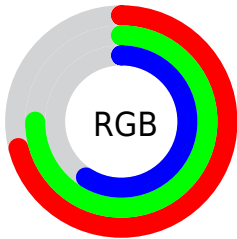
Format	Color
RYB	150, 190, 160
Decimal	11845270
CIELab	75.28, -10.40, 19.09
CIELCh	75, 21.743, 118.583
Yxy	48.7322, 0.3353, 0.3823
Android (android.graphics.Color)	4290035350 (0xFFB4BE96)
YUV	182.4500, -15.9978, -2.1486
Hunter-Lab	69.8085, -12.8760, 18.2921

Details

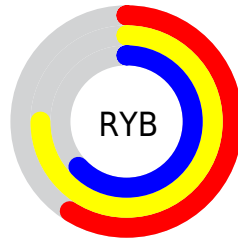
The Yxy color **48.7322, 0.3353, 0.3823** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **32.9942, 0.2868, 0.2728**, and the grayscale version is **47.1244, 0.3127, 0.3290**.

A 20% lighter version of the original color is **88.1040, 0.3316, 0.3725**, and **23.3042, 0.3410, 0.3983** is the 20% darker color. If you saturate the color by 10%, you get **47.6114, 0.3458, 0.4091**, and if you desaturate by 10%, it is **49.9760, 0.3245, 0.3563**.

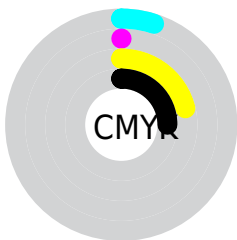
Distribution



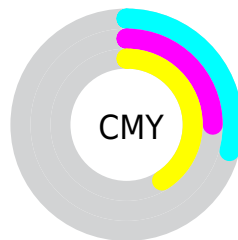
- Red (71%)
- Green (75%)
- Blue (59%)



- Red (59%)
- Yellow (75%)
- Blue (63%)



- Cyan (5%)
- Magenta (0%)
- Yellow (21%)
- Black (25%)





- Cyan (29%)
- Magenta (25%)
- Yellow (41%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 48.7322, 0.3353, 0.3823 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 48.7322, 0.3353, 0.3823 by changing the saturation by 10% instead.


 48.7322, 0.3353,
0.3823


 48.7322, 0.3353,
0.3823


381.6871, 0.3244,
0.3553

 34.4071, 0.3379,
0.3891


 88.2936, 0.3315,
0.3724

 23.2065, 0.3411,
0.3979


 114.2986, 0.3300,
0.3688

 14.7461, 0.3451,
0.4096


144.9658, 0.3287,
0.3656

 8.6414, 0.3504,
0.4260

180.6795, 0.3276,
0.3630

 4.5080, 0.3574,
0.4505

221.8241, 0.3267,
0.3607

 1.9616, 0.3724,
0.4986

268.7839, 0.3258,

 0.5850, 0.3405,

0.3587

0.6595

321.9435, 0.3251,
0.3569

0.0000, 0.0000,
0.0000

48.7322, 0.3353,
0.3823

48.7322, 0.3353,
0.3823

47.6114, 0.3458,
0.4091

49.9760, 0.3245,
0.3563

46.6023, 0.3556,
0.4358

51.3410, 0.3138,
0.3315

45.7015, 0.3642,
0.4614

52.8338, 0.3035,
0.3084

44.9033, 0.3710,
0.4850

54.4585, 0.2936,
0.2871

44.2011, 0.3757,
0.5053

56.2190, 0.2844,
0.2677

■ 43.5875, 0.3780,
0.5214

■ 57.5271, 0.2813,
0.2585

■ 43.0538, 0.3776,
0.5329

■ 58.2271, 0.2847,
0.2592

■ 42.6294, 0.3757,
0.5399

■ 58.9479, 0.2881,
0.2598

■ 59.6896, 0.2916,
0.2605

Harmonies

Analogous

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



48.7322, 0.3599, 0.3771



48.7322, 0.3353, 0.3823



48.7322, 0.3054, 0.3714

Triad

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



48.7322, 0.3353, 0.3823



48.7322, 0.2567, 0.2948



48.7322, 0.3472, 0.3109

Complementary

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



48.7322, 0.3353, 0.3823



32.9942, 0.2868, 0.2728

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.



48.7322, 0.3179, 0.2913



48.7322, 0.3353, 0.3823



48.7322, 0.2665, 0.2816

Square

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



48.7322, 0.3353, 0.3823



48.7322, 0.2609, 0.3187



48.7322, 0.2885, 0.2807



48.7322, 0.3674, 0.3353

Rectangle

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



48.7322, 0.3353, 0.3823



48.7322, 0.2866, 0.3564



48.7322, 0.2885, 0.2807



48.7322, 0.3380, 0.3036

Sweetspot

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



48.7343, 0.3353, 0.3823



91.7606, 0.3192, 0.3438



38.0545, 0.3519, 0.3417



20.1140, 0.3199, 0.3454



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.



48.7343, 0.3353, 0.3823



87.4012, 0.3399, 0.3939



46.5707, 0.3188, 0.3851



10.9973, 0.3227, 0.3519



28.3835, 0.3763, 0.5394



1.1409, 0.3871, 0.5308

Inverse Universe

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



32.9942, 0.2868, 0.2728



54.0606, 0.2805, 0.2598



35.1467, 0.3049, 0.2757



9.3374, 0.3022, 0.3056



2.9127, 0.1654, 0.0685



0.1461, 0.1915, 0.0829

Previews

White Background



This preview shows how the Yxy color 48.7322, 0.3353, 0.3823 looks on a white background.

Color Contrast Check

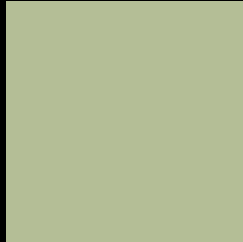
Large Text (above 18pt) WCAG AA × Fail

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 48.7322, 0.3353, 0.3823 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

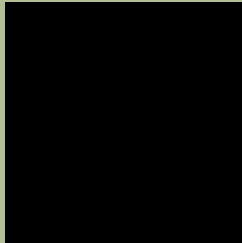
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

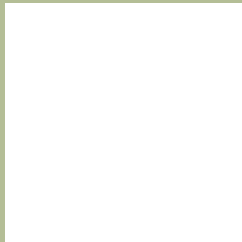
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 48.7322, 0.3353, 0.3823

Background



This preview shows how black text looks on a background with the Yxy color 48.7322, 0.3353, 0.3823.



This preview shows how white text looks on a background with the Yxy color 48.7322, 0.3353, 0.3823.

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

48.7322, 0.3353, 0.3823

Protanopia

48.7064, 0.3532, 0.3763

Deuteranopia

48.4039, 0.3676, 0.3608



Tritanopia

48.5090, 0.3045, 0.3101

Trichromacy



Original Color

48.7322, 0.3353, 0.3823

Protanomaly

48.7869, 0.3465, 0.3783

Deuteranomaly

48.2468, 0.3561, 0.3682

Tritanomaly

48.6444, 0.3149, 0.3355

Monochromacy



Original Color

48.7322, 0.3353, 0.3823

Achromatopsia

46.7784, 0.3127, 0.3290

Achromatomaly

47.4240, 0.3211, 0.3488

CSS Examples

Text

The CSS property to change the color of the text to Yxy 48.7322, 0.3353, 0.3823 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(180, 190, 150)` looks like.

```
.text, #text, p{  
    color:rgb(180, 190, 150)  
}
```

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(180, 190, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 190, 150) }
```

Border

The CSS property to change the border of an element to Yxy 48.7322, 0.3353, 0.3823 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(180, 190, 150) }
```

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

```
.border{ border-color:rgb(180, 190, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(180, 190, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 190, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 190, 150);  
box-shadow:4px 4px 4px 4px rgb(180, 190,  
150) }
```


Background

The CSS property to change the background color of an element to Yxy 48.7322, 0.3353, 0.3823 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 190, 150) }
```

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

```
.background{ background-color: rgb(180,  
190, 150) }
```

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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