

Converting Colors

Yxy(48.3617, 0.3390, 0.3790)

Have a look what the booklet for
Yxy(48.3617, 0.3390, 0.3790)
contains.

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Color

Yxy(48.3588, 0.3392, 0.3792)

Conversions

Conversions Part 1

Format	Color
Hex	B8BC96
RGB	184, 188, 150
RGB Percent	72%, 74%, 59%
CMY	0.2784, 0.2627, 0.4117
CMYK	0.02, 0.00, 0.20, 0.26
HSL	66°, 22%, 66%
HSV	66°, 20%, 74%
XYZ	43.2577, 48.3588, 35.9120
YIQ	182.4720, 9.8140, -12.6660

Conversions

Conversions Part 2

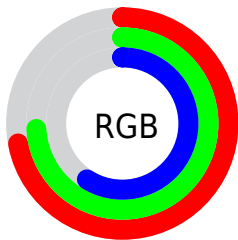
Format	Color
RYB	150, 188, 154
Decimal	12106902
CIELab	75.05, -7.86, 18.80
CIELCh	75, 20.376, 112.683
Yxy	48.3588, 0.3392, 0.3792
Android (android.graphics.Color)	4290296982 (0xFFB8BC96)
YUV	182.4720, -16.0087, 1.3401
Hunter-Lab	69.5405, -10.6599, 18.0599

Details

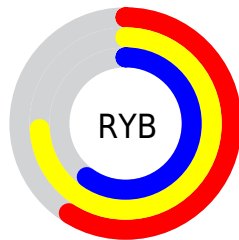
The Yxy color **48.3588, 0.3392, 0.3792** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **32.3170, 0.2831, 0.2746**, and the grayscale version is **47.1371, 0.3127, 0.3290**.

A 20% lighter version of the original color is **87.5863, 0.3346, 0.3701**, and **23.0541, 0.3465, 0.3940** is the 20% darker color. If you saturate the color by 10%, you get **47.5608, 0.3523, 0.4048**, and if you desaturate by 10%, it is **49.2617, 0.3260, 0.3539**.

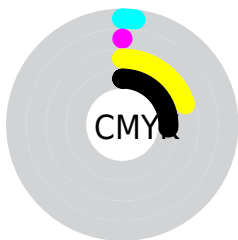
Distribution



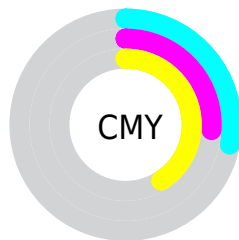
- Red (72%)
- Green (74%)
- Blue (59%)



- Red (59%)
- Yellow (74%)
- Blue (60%)



- Cyan (2%)
- Magenta (0%)
- Yellow (20%)
- Black (26%)




- Cyan (28%)
- Magenta (26%)
- Yellow (41%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 48.3588, 0.3392, 0.3792 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 48.3588, 0.3392, 0.3792 by changing the saturation by 10% instead.


 48.3588, 0.3392,
0.3792


 48.3588, 0.3392,
0.3792


380.2126, 0.3263,
0.3539

 34.1111, 0.3423,
0.3856

 87.7384, 0.3346,
0.3700

 22.9790, 0.3462,
0.3937


 113.6391, 0.3329,
0.3665

 14.5780, 0.3512,
0.4047


144.1929, 0.3314,
0.3636

 8.5237, 0.3578,
0.4199

179.7842, 0.3301,
0.3611

 4.4319, 0.3669,
0.4424

220.7974, 0.3289,
0.3589

 1.9180, 0.3861,
0.4870

267.6170, 0.3280,

 0.5591, 0.3779,

0.3570

0.6221

320.6272, 0.3271,
0.3554

0.0000, 0.0000,
0.0000

48.3588, 0.3392,
0.3792

48.3588, 0.3392,
0.3792

47.5608, 0.3523,
0.4048

49.2617, 0.3260,
0.3539

46.8565, 0.3648,
0.4298

50.2674, 0.3130,
0.3295

46.2432, 0.3761,
0.4533

51.3820, 0.3005,
0.3064

45.7153, 0.3857,
0.4743

52.6095, 0.2887,
0.2849

45.2668, 0.3932,
0.4919

53.9535, 0.2778,
0.2651

■ 44.8906, 0.3982,
0.5054

■ 54.9041, 0.2723,
0.2545

■ 44.5787, 0.4006,
0.5144

■ 55.1704, 0.2737,
0.2547

■ 44.3194, 0.4010,
0.5198

■ 55.4403, 0.2751,
0.2550

■ 55.7137, 0.2765,
0.2553

Harmonies

Analogous

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



48.3588, 0.3604, 0.3718



48.3588, 0.3392, 0.3792



48.3588, 0.3115, 0.3719

Triad

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



48.3588, 0.3392, 0.3792



48.3588, 0.2597, 0.3007



48.3588, 0.3401, 0.3078

Complementary

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



48.3588, 0.3392, 0.3792



32.3170, 0.2831, 0.2746

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.



48.3588, 0.3120, 0.2907



48.3588, 0.3392, 0.3792



48.3588, 0.2664, 0.2859

Square

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



48.3588, 0.3392, 0.3792



48.3588, 0.2663, 0.3246



48.3588, 0.2852, 0.2827



48.3588, 0.3613, 0.3304

Rectangle

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



48.3588, 0.3392, 0.3792



48.3588, 0.2932, 0.3593



48.3588, 0.2852, 0.2827



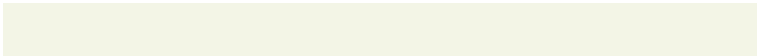
48.3588, 0.3311, 0.3013

Sweetspot

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



48.3609, 0.3392, 0.3792



90.0038, 0.3206, 0.3437



35.9422, 0.3513, 0.3343



19.3297, 0.3214, 0.3453



95.5105, 0.3127, 0.3290



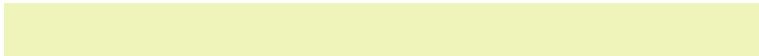
19.5994, 0.3127, 0.3290

Same Dimension

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



48.3609, 0.3392, 0.3792



87.0171, 0.3447, 0.3899



46.1909, 0.3228, 0.3819



11.0682, 0.3248, 0.3518



30.1937, 0.4012, 0.5196



1.1975, 0.4058, 0.5160

Inverse Universe

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



32.3170, 0.2831, 0.2746



52.9536, 0.2759, 0.2618



34.3088, 0.3005, 0.2773



9.2721, 0.3000, 0.3054



2.5877, 0.1541, 0.0623



0.1176, 0.1684, 0.0701

Previews

White Background



This preview shows how the Yxy color 48.3588, 0.3392, 0.3792 looks on a white background.

Color Contrast Check

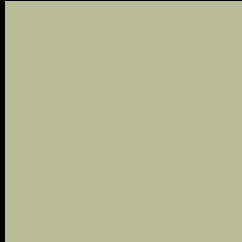
Large Text (above 18pt) WCAG AA × Fail

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 48.3588, 0.3392, 0.3792 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

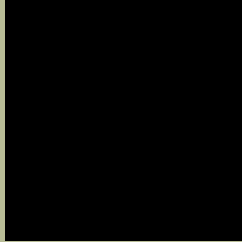
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

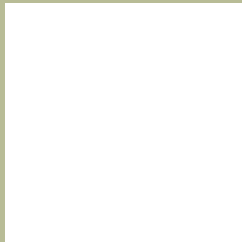
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 48.3588, 0.3392, 0.3792

Background



This preview shows how black text looks on a background with the Yxy color 48.3588, 0.3392, 0.3792.



This preview shows how white text looks on a background with the Yxy color 48.3588, 0.3392, 0.3792.

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

48.3588, 0.3392, 0.3792

Protanopia

48.1549, 0.3526, 0.3752

Deuteranopia

48.0074, 0.3679, 0.3596



Tritanopia

48.3886, 0.3085, 0.3115

Trichromacy



Original Color

48.3588, 0.3392, 0.3792

Protanomaly

48.0743, 0.3479, 0.3757

Deuteranomaly

47.9786, 0.3573, 0.3668

Tritanomaly

48.2270, 0.3201, 0.3354

Monochromacy



Original Color

48.3588, 0.3392, 0.3792

Achromatopsia

46.7784, 0.3127, 0.3290

Achromatomaly

47.2505, 0.3230, 0.3474

CSS Examples

Text

The CSS property to change the color of the text to Yxy 48.3588, 0.3392, 0.3792 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(184, 188, 150)` looks like.

```
.text, #text, p{  
    color:rgb(184, 188, 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(184, 188, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 188, 150) }
```

Border

The CSS property to change the border of an element to Yxy 48.3588, 0.3392, 0.3792 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(184, 188, 150) }
```

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

```
.border{ border-color:rgb(184, 188, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 188, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 188, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 188, 150);  
box-shadow:4px 4px 4px 4px rgb(184, 188,  
150) }
```


Background

The CSS property to change the background color of an element to Yxy 48.3588, 0.3392, 0.3792 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 188, 150) }
```

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

```
.background{ background-color: rgb(184,  
188, 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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