

Converting Colors

$Yxy(48.4776, 0.3451, 0.3913)$

Have a look what the booklet for
Yxy(48.4776, 0.3451, 0.3913)
contains.

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Color

Yxy(48.5385, 0.3453, 0.3912)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | B8BD8E |
| RGB | 184, 189, 142 |
| RGB Percent | 72%, 74%, 56% |
| CMY | 0.2785, 0.2588, 0.4432 |
| CMYK | 0.03, 0.00, 0.25, 0.26 |
| HSL | 66°, 26%, 65% |
| HSV | 66°, 25%, 74% |
| XYZ | 42.8434, 48.5385, 32.6940 |
| YIQ | 182.1470, 12.1070, -15.6770 |

Conversions

Conversions Part 2

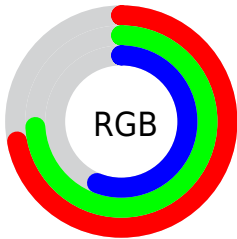
| Format | Color |
|-------------------------------------|-------------------------------|
| R _{YB} | 142, 189, 147 |
| Decimal | 12107150 |
| CIE Lab | 75.16, -9.57, 23.25 |
| CIE LCh | 75, 25.146, 112.382 |
| Yxy | 48.5385, 0.3453, 0.3912 |
| Android (android.graphics.Color) | 4290297230 (0xFFB8BD8E) |
| YUV | 182.1470, -19.7925, 1.6251 |
| Hunter-Lab | 69.6696, -12.1529, 20.9455 |

Details

The Yxy color **48.5385, 0.3453, 0.3912** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **29.2187, 0.2751, 0.2603**, and the grayscale version is **46.9675, 0.3127, 0.3290**.

A 20% lighter version of the original color is **87.8156, 0.3395, 0.3795**, and **23.1095, 0.3533, 0.4103** is the 20% darker color. If you saturate the color by 10%, you get **47.7727, 0.3581, 0.4167**, and if you desaturate by 10%, it is **49.4084, 0.3321, 0.3657**.

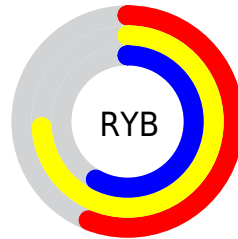
Distribution



Red (72%)

Green (74%)

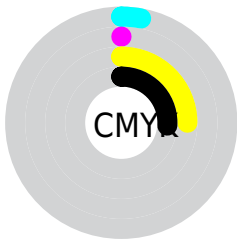
Blue (56%)



Red (56%)

Yellow (74%)

Blue (58%)

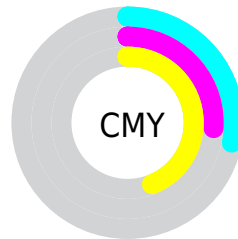


Cyan (3%)

Magenta (0%)

Yellow (25%)

Black (26%)



Cyan (28%)


Magenta (26%)


Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 48.5385, 0.3453, 0.3912 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 48.5385, 0.3453, 0.3912 by changing the saturation by 10% instead.


 48.5385, 0.3453,
0.3912


 48.5385, 0.3453,
0.3912


380.9227, 0.3296,
0.3598

 34.2535, 0.3490,
0.3991


 88.0056, 0.3397,
0.3798

 23.0884, 0.3536,
0.4092


 113.9566, 0.3376,
0.3755

 14.6588, 0.3595,
0.4226


144.5650, 0.3358,
0.3718

 8.5803, 0.3670,
0.4412


180.2153, 0.3342,
0.3687

 4.4685, 0.3768,
0.4682

221.2918, 0.3328,
0.3661

 1.9389, 0.4081,
0.5360

268.1789, 0.3316,

 0.5716, 0.3513,

0.3637

0.6487

321.2611, 0.3305,
0.3616

0.0000, 0.0000,
0.0000

48.5385, 0.3453,
0.3912

48.5385, 0.3453,
0.3912

47.7727, 0.3581,
0.4167

49.4084, 0.3321,
0.3657

47.0997, 0.3701,
0.4411

50.3806, 0.3190,
0.3408

46.5164, 0.3807,
0.4636

51.4613, 0.3063,
0.3170

46.0169, 0.3893,
0.4832

52.6546, 0.2942,
0.2947

45.5946, 0.3956,
0.4989

53.9644, 0.2829,
0.2741

■ 45.2421, 0.3994,
0.5104

■ 55.3691, 0.2726,
0.2556

■ 44.9502, 0.4006,
0.5175

■ 55.6419, 0.2740,
0.2559

■ 44.8144, 0.4006,
0.5201

■ 55.9184, 0.2754,
0.2562

■ 56.1985, 0.2768,
0.2565

Harmonies

Analogous

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



48.5385, 0.3716, 0.3812



48.5385, 0.3453, 0.3912



48.5385, 0.3112, 0.3827

Triad

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



48.5385, 0.3453, 0.3912



48.5385, 0.2480, 0.2940



48.5385, 0.3461, 0.3028

Complementary

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



48.5385, 0.3453, 0.3912



29.2187, 0.2751, 0.2603

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.



48.5385, 0.3112, 0.2823



48.5385, 0.3453, 0.3912



48.5385, 0.2560, 0.2763

Square

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



48.5385, 0.3453, 0.3912



48.5385, 0.2560, 0.3234



48.5385, 0.2785, 0.2726



48.5385, 0.3726, 0.3299

Rectangle

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



48.5385, 0.3453, 0.3912



48.5385, 0.2888, 0.3670



48.5385, 0.2785, 0.2726



48.5385, 0.3349, 0.2950

Sweetspot

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



48.5407, 0.3453, 0.3912



89.8159, 0.3219, 0.3462



33.5420, 0.3627, 0.3356



19.2915, 0.3227, 0.3477



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.



48.5407, 0.3453, 0.3912



86.1344, 0.3526, 0.4055



45.9076, 0.3250, 0.3954



11.0674, 0.3248, 0.3518



30.1689, 0.4009, 0.5199



1.1968, 0.4056, 0.5162

Inverse Universe

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



29.2187, 0.2751, 0.2603



45.4507, 0.2651, 0.2423



31.5833, 0.2970, 0.2644



9.2729, 0.3000, 0.3054



2.5902, 0.1542, 0.0623



0.1179, 0.1687, 0.0703

Previews

White Background



This preview shows how the Yxy color 48.5385, 0.3453, 0.3912 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 48.5385, 0.3453, 0.3912 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

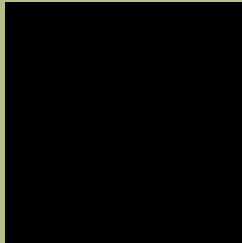
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

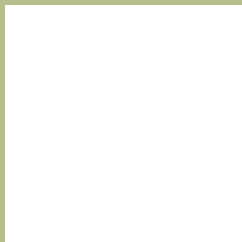
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 48.5385, 0.3453, 0.3912

Background



This preview shows how black text looks on a background with the Yxy color 48.5385, 0.3453, 0.3912.



This preview shows how white text looks on a background with the Yxy color 48.5385, 0.3453, 0.3912.

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

48.5385, 0.3453, 0.3912

Protanopia

48.5971, 0.3608, 0.3864

Deuteranopia

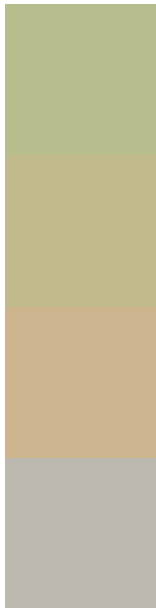
48.0568, 0.3769, 0.3691



Tritanopia

48.5178, 0.3093, 0.3115

Trichromacy



Original Color

48.5385, 0.3453, 0.3912

Protanomaly

48.3784, 0.3551, 0.3872

Deuteranomaly

47.8683, 0.3651, 0.3768

Tritanomaly

48.5239, 0.3223, 0.3406

Monochromacy



Original Color

48.5385, 0.3453, 0.3912

Achromatopsia

46.7784, 0.3127, 0.3290

Achromatomaly

47.5552, 0.3252, 0.3527

CSS Examples

Text

The CSS property to change the color of the text to Yxy 48.5385, 0.3453, 0.3912 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, 189, 142)` looks like.

```
.text, #text, p{  
    color:rgb(184, 189, 142)  
}
```

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, 189, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 189, 142) }
```

Border

The CSS property to change the border of an element to Yxy 48.5385, 0.3453, 0.3912 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, 189, 142) }
```

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

```
.border{ border-color:rgb(184, 189, 142) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 189, 142)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 189, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 189, 142);  
box-shadow:4px 4px 4px 4px rgb(184, 189,  
142) }
```


Background

The CSS property to change the background color of an element to Yxy 48.5385, 0.3453, 0.3912 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 189, 142) }
```

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

```
.background{ background-color: rgb(184,  
189, 142) }
```

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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