

Converting Colors

$Yxy(48.2808, 0.3353, 0.3793)$

Have a look what the booklet for
Yxy(48.2808, 0.3353, 0.3793)
contains.

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Color

Yxy(48.4533, 0.3356, 0.3795)

Conversions

Conversions Part 1

Format	Color
Hex	B5BD97
RGB	181, 189, 151
RGB Percent	71%, 74%, 59%
CMY	0.2900, 0.2589, 0.4078
CMYK	0.04, 0.00, 0.20, 0.26
HSL	73°, 22%, 67%
HSV	73°, 20%, 74%
XYZ	42.8483, 48.4533, 36.3751
YIQ	182.2760, 7.4300, -13.5140

Conversions

Conversions Part 2

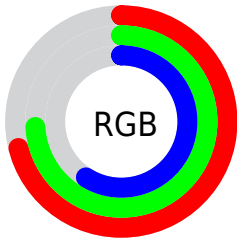
Format	Color
RYB	151, 189, 159
Decimal	11910551
CIELab	75.11, -9.33, 18.31
CIELCh	75, 20.551, 117.001
Yxy	48.4533, 0.3356, 0.3795
Android (android.graphics.Color)	4290100631 (0xFFB5BD97)
YUV	182.2760, -15.4191, -1.1191
Hunter-Lab	69.6084, -11.9369, 17.7429

Details

The Yxy color **48.4533, 0.3356, 0.3795** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **33.1755, 0.2868, 0.2755**, and the grayscale version is **47.0250, 0.3127, 0.3290**.

A 20% lighter version of the original color is **87.7171, 0.3318, 0.3703**, and **23.1176, 0.3415, 0.3946** is the 20% darker color. If you saturate the color by 10%, you get **47.4186, 0.3469, 0.4059**, and if you desaturate by 10%, it is **49.6043, 0.3241, 0.3538**.

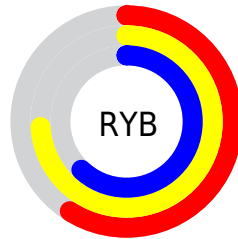
Distribution



Red (71%)

Green (74%)

Blue (59%)



Red (59%)

Yellow (74%)

Blue (62%)

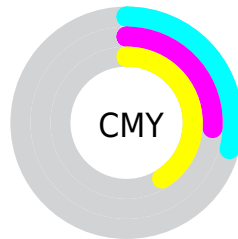


Cyan (4%)

Magenta (0%)

Yellow (20%)

Black (26%)



Cyan (29%)


Magenta (26%)


Yellow (41%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 48.4533, 0.3356, 0.3795 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 48.4533, 0.3356, 0.3795 by changing the saturation by 10% instead.

 48.4533, 0.3356,
0.3795


 48.4533, 0.3356,
0.3795


380.5861, 0.3245,
0.3540

 34.1860, 0.3382,
0.3859


 87.8789, 0.3317,
0.3702

 23.0365, 0.3415,
0.3942


 113.8061, 0.3302,
0.3667

 14.6205, 0.3458,
0.4053


144.3886, 0.3289,
0.3637

 8.5535, 0.3513,
0.4209

180.0109, 0.3278,
0.3612

 4.4511, 0.3588,
0.4440

221.0575, 0.3268,
0.3590

 1.9290, 0.3742,
0.4887

267.9126, 0.3259,

 0.5657, 0.3539,

0.3571

0.6461

320.9606, 0.3252,
0.3555

0.0000, 0.0000,
0.0000

48.4533, 0.3356,
0.3795

48.4533, 0.3356,
0.3795

47.4186, 0.3469,
0.4059

49.6043, 0.3241,
0.3538

46.4889, 0.3575,
0.4322

50.8696, 0.3128,
0.3292

45.6613, 0.3669,
0.4573

52.2557, 0.3019,
0.3063

44.9300, 0.3747,
0.4804

53.7663, 0.2916,
0.2850

44.2888, 0.3803,
0.5002

55.4055, 0.2819,
0.2656

■ 43.7307, 0.3835,
0.5159

■ 56.5562, 0.2786,
0.2568

■ 43.2470, 0.3841,
0.5270

■ 57.1245, 0.2814,
0.2574

■ 42.8252, 0.3827,
0.5343

■ 57.7071, 0.2843,
0.2580

■ 58.3041, 0.2871,
0.2586

Harmonies

Analogous

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



48.4533, 0.3584, 0.3740



48.4533, 0.3356, 0.3795



48.4533, 0.3073, 0.3700

Triad

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



48.4533, 0.3356, 0.3795



48.4533, 0.2594, 0.2977



48.4533, 0.3440, 0.3107

Complementary

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



48.4533, 0.3356, 0.3795



33.1755, 0.2868, 0.2755

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.



48.4533, 0.3162, 0.2924



48.4533, 0.3356, 0.3795



48.4533, 0.2681, 0.2844

Square

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



48.4533, 0.3356, 0.3795



48.4533, 0.2641, 0.3207



48.4533, 0.2885, 0.2828



48.4533, 0.3637, 0.3338

Rectangle

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



48.4533, 0.3356, 0.3795



48.4533, 0.2893, 0.3561



48.4533, 0.2885, 0.2828



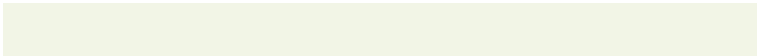
48.4533, 0.3353, 0.3038

Sweetspot

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



48.4554, 0.3356, 0.3795



89.7326, 0.3196, 0.3438



37.7128, 0.3501, 0.3394



19.2653, 0.3203, 0.3454



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.



48.4554, 0.3356, 0.3795



85.9731, 0.3405, 0.3908



46.3495, 0.3196, 0.3821



11.0171, 0.3233, 0.3519



28.8508, 0.3832, 0.5339



1.1559, 0.3924, 0.5267

Inverse Universe

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



33.1755, 0.2868, 0.2755



53.7696, 0.2803, 0.2626



35.2269, 0.3041, 0.2781



9.3189, 0.3015, 0.3055



2.7964, 0.1614, 0.0663



0.1381, 0.1853, 0.0794

Previews

White Background



This preview shows how the Yxy color 48.4533, 0.3356, 0.3795 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 48.4533, 0.3356, 0.3795 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

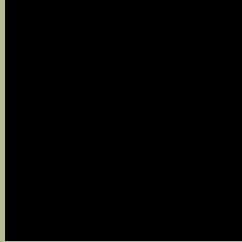
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 48.4533, 0.3356, 0.3795

Background



This preview shows how black text looks on a background with the Yxy color 48.4533, 0.3356, 0.3795.



This preview shows how white text looks on a background with the Yxy color 48.4533, 0.3356, 0.3795.

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

48.4533, 0.3356, 0.3795

Protanopia

48.1867, 0.3518, 0.3739

Deuteranopia

48.4368, 0.3667, 0.3595



Tritanopia

48.4630, 0.3052, 0.3114

Trichromacy



Original Color

48.4533, 0.3356, 0.3795

Protanomaly

48.3962, 0.3459, 0.3758

Deuteranomaly

48.2795, 0.3553, 0.3669

Tritanomaly

48.3075, 0.3166, 0.3355

Monochromacy



Original Color

48.4533, 0.3356, 0.3795

Achromatopsia

46.7784, 0.3127, 0.3290

Achromatomaly

47.5833, 0.3212, 0.3474

CSS Examples

Text

The CSS property to change the color of the text to Yxy 48.4533, 0.3356, 0.3795 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(181, 189, 151)` looks like.

```
.text, #text, p{  
    color:rgb(181, 189, 151)  
}
```

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(181, 189, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 189, 151) }
```

Border

The CSS property to change the border of an element to Yxy 48.4533, 0.3356, 0.3795 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(181, 189, 151) }
```

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

```
.border{ border-color:rgb(181, 189, 151) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 189, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 189, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 189, 151);  
box-shadow:4px 4px 4px 4px rgb(181, 189,  
151) }
```


Background

The CSS property to change the background color of an element to Yxy 48.4533, 0.3356, 0.3795 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 189, 151) }
```

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

```
.background{ background-color: rgb(181,  
189, 151) }
```

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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