

Converting Colors

$Yxy(47.6099, 0.3410, 0.3832)$

Have a look what the booklet for
Yxy(47.6099, 0.3410, 0.3832)
contains.

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Color

Yxy(47.5611, 0.3408, 0.3837)

Conversions

Conversions Part 1

Format	Color
Hex	B6BB92
RGB	182, 187, 146
RGB Percent	71%, 73%, 57%
CMY	0.2864, 0.2666, 0.4274
CMYK	0.03, 0.00, 0.22, 0.27
HSL	67°, 23%, 65%
HSV	67°, 22%, 73%
XYZ	42.2435, 47.5611, 34.1493
YIQ	180.8310, 10.1810, -13.8110

Conversions

Conversions Part 2

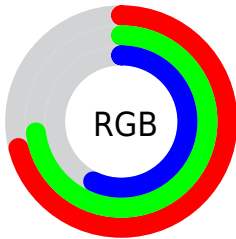
Format	Color
RYB	146, 187, 151
Decimal	11975570
CIELab	74.55, -8.72, 20.23
CIELCh	75, 22.029, 113.311
Yxy	47.5611, 0.3408, 0.3837
Android (android.graphics.Color)	4290165650 (0xFFB6BB92)
YUV	180.8310, -17.1717, 1.0252
Hunter-Lab	68.9646, -11.3498, 18.9165

Details

The Yxy color $47.5611, 0.3408, 0.3837$ is a light color, and the websafe version is hex `CCCC99`. A complement of this color would be $30.7328, 0.2809, 0.2695$, and the grayscale version is $46.2011, 0.3127, 0.3290$.

A 20% lighter version of the original color is $86.4485, 0.3359, 0.3736$, and $22.5435, 0.3487, 0.4002$ is the 20% darker color. If you saturate the color by 10%, you get $46.7497, 0.3535, 0.4094$, and if you desaturate by 10%, it is $48.4765, 0.3279, 0.3582$.

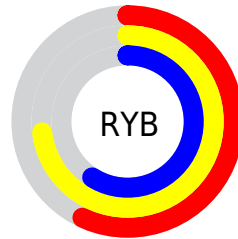
Distribution



Red (71%)

Green (73%)

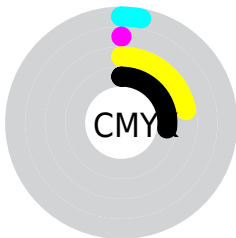
Blue (57%)



Red (57%)

Yellow (73%)

Blue (59%)

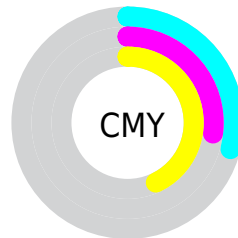


Cyan (3%)

Magenta (0%)

Yellow (22%)

Black (27%)



Cyan (29%)


Magenta (27%)


Yellow (43%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 47.5611, 0.3408, 0.3837 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 47.5611, 0.3408, 0.3837 by changing the saturation by 10% instead.


 47.5611, 0.3408,
0.3837

 47.5611, 0.3408,
0.3837


377.0498, 0.3271,
0.3560

 33.4794, 0.3441,
0.3907


 86.5506, 0.3359,
0.3736

 22.4940, 0.3482,
0.3997


 112.2272, 0.3341,
0.3698

 14.2203, 0.3534,
0.4117


142.5375, 0.3325,
0.3666

 8.2741, 0.3603,
0.4285

177.8661, 0.3311,
0.3639

 4.2708, 0.3696,
0.4533

218.5972, 0.3299,
0.3615

 1.8262, 0.3949,
0.5103

265.1152, 0.3289,

 0.5034, 0.3454,

0.3594

0.6546

317.8046, 0.3280,
0.3576

0.0000, 0.0000,
0.0000

47.5611, 0.3408,
0.3837

47.5611, 0.3408,
0.3837

46.7497, 0.3535,
0.4094

48.4765, 0.3279,
0.3582

46.0314, 0.3655,
0.4344

49.4940, 0.3151,
0.3336

45.4033, 0.3762,
0.4579

50.6197, 0.3028,
0.3103

44.8597, 0.3852,
0.4787

51.8575, 0.2912,
0.2886

44.3947, 0.3919,
0.4960

53.2110, 0.2803,
0.2685

■ 44.0011, 0.3961,
0.5091

■ 54.4749, 0.2722,
0.2533

■ 43.6706, 0.3978,
0.5178

■ 54.7859, 0.2738,
0.2537

■ 43.4365, 0.3978,
0.5224

■ 55.1017, 0.2754,
0.2540

■ 55.4223, 0.2770,
0.2543

Harmonies

Analogous

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



47.5611, 0.3642, 0.3757



47.5611, 0.3408, 0.3837



47.5611, 0.3106, 0.3755

Triad

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



47.5611, 0.3408, 0.3837



47.5611, 0.2553, 0.2977



47.5611, 0.3431, 0.3065

Complementary

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



47.5611, 0.3408, 0.3837



30.7328, 0.2809, 0.2695

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.



47.5611, 0.3125, 0.2879



47.5611, 0.3408, 0.3837



47.5611, 0.2628, 0.2820

Square

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



47.5611, 0.3408, 0.3837



47.5611, 0.2620, 0.3234



47.5611, 0.2833, 0.2789



47.5611, 0.3659, 0.3309

Rectangle

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



47.5611, 0.3408, 0.3837



47.5611, 0.2908, 0.3615



47.5611, 0.2833, 0.2789



47.5611, 0.3333, 0.2994

Sweetspot

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



47.5632, 0.3408, 0.3837



87.6587, 0.3217, 0.3462



34.7078, 0.3552, 0.3357



19.2799, 0.3225, 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.



47.5632, 0.3408, 0.3837



84.4937, 0.3466, 0.3953



45.2755, 0.3231, 0.3869



11.0593, 0.3246, 0.3518



29.9439, 0.3981, 0.5221



1.1899, 0.4035, 0.5178

Inverse Universe

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



30.7328, 0.2809, 0.2695



49.3406, 0.2732, 0.2556



32.8390, 0.2999, 0.2727



9.2802, 0.3002, 0.3054



2.6154, 0.1551, 0.0628



0.1212, 0.1714, 0.0718

Previews

White Background



This preview shows how the Yxy color 47.5611, 0.3408, 0.3837 looks on a white background.

Color Contrast Check

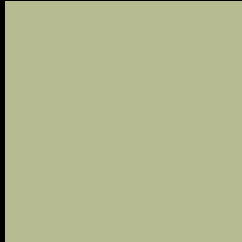
Large Text (above 18pt) WCAG AA × Fail

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 47.5611, 0.3408, 0.3837 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

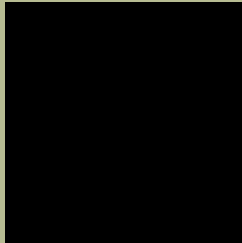
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

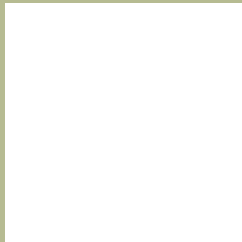
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 47.5611, 0.3408, 0.3837

Background



This preview shows how black text looks on a background with the Yxy color 47.5611, 0.3408, 0.3837.



This preview shows how white text looks on a background with the Yxy color 47.5611, 0.3408, 0.3837.

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

47.5611, 0.3408, 0.3837

Protanopia

47.4827, 0.3553, 0.3794

Deuteranopia

47.3349, 0.3709, 0.3634



Tritanopia

47.4015, 0.3085, 0.3101

Trichromacy



Original Color

47.5611, 0.3408, 0.3837

Protanomaly

47.2725, 0.3496, 0.3801

Deuteranomaly

47.3057, 0.3602, 0.3708

Tritanomaly

47.4804, 0.3200, 0.3368

Monochromacy



Original Color

47.5611, 0.3408, 0.3837

Achromatopsia

46.2077, 0.3127, 0.3290

Achromatomaly

46.5179, 0.3229, 0.3489

CSS Examples

Text

The CSS property to change the color of the text to Yxy 47.5611, 0.3408, 0.3837 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(182, 187, 146)` looks like.

```
.text, #text, p{  
    color:rgb(182, 187, 146)  
}
```

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(182, 187, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 187, 146) }
```

Border

The CSS property to change the border of an element to Yxy 47.5611, 0.3408, 0.3837 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(182, 187, 146) }
```

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

```
.border{ border-color:rgb(182, 187, 146) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 187, 146)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 187, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 187, 146);  
box-shadow:4px 4px 4px 4px rgb(182, 187,  
146) }
```


Background

The CSS property to change the background color of an element to Yxy 47.5611, 0.3408, 0.3837 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 187, 146) }
```

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

```
.background{ background-color: rgb(182,  
187, 146) }
```

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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