

Converting Colors

$Yxy(47.4111, 0.3342, 0.3816)$

Have a look what the booklet for
Yxy(47.4111, 0.3342, 0.3816)
contains.

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Color

Yxy(47.4835, 0.3338, 0.3816)

Conversions

Conversions Part 1

Format	Color
Hex	B1BC95
RGB	177, 188, 149
RGB Percent	69%, 74%, 58%
CMY	0.3060, 0.2627, 0.4156
CMYK	0.06, 0.00, 0.21, 0.26
HSL	77°, 23%, 66%
HSV	77°, 21%, 74%
XYZ	41.5356, 47.4835, 35.4135
YIQ	180.2650, 5.9630, -14.4610

Conversions

Conversions Part 2

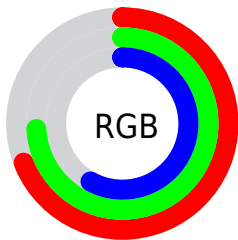
Format	Color
RYB	149, 188, 160
Decimal	11648149
CIELab	74.50, -10.65, 18.49
CIElCh	74, 21.337, 119.938
Yxy	47.4835, 0.3338, 0.3816
Android (android.graphics.Color)	4289838229 (0xFFB1BC95)
YUV	180.2650, -15.4136, -2.8634
Hunter-Lab	68.9083, -12.9956, 17.7653

Details

The Yxy color $47.4835, 0.3338, 0.3816$ is a light color, and the websafe version is hex `CCCC99`. A complement of this color would be $32.6080, 0.2885, 0.2740$, and the grayscale version is $45.8729, 0.3127, 0.3290$.

A 20% lighter version of the original color is $86.3368, 0.3305, 0.3718$, and $22.4949, 0.3391, 0.3977$ is the 20% darker color. If you saturate the color by 10%, you get $46.3201, 0.3437, 0.4086$, and if you desaturate by 10%, it is $48.7724, 0.3236, 0.3555$.

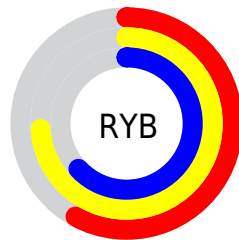
Distribution



Red (69%)

Green (74%)

Blue (58%)



Red (58%)

Yellow (74%)

Blue (63%)

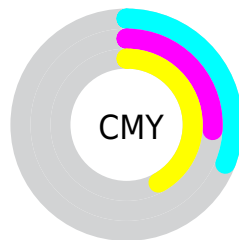


Cyan (6%)

Magenta (0%)

Yellow (21%)

Black (26%)



Cyan (31%)


Magenta (26%)

Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 47.4835, 0.3338, 0.3816 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 47.4835, 0.3338, 0.3816 by changing the saturation by 10% instead.


 47.4835, 0.3338,
0.3816


 47.4835, 0.3338,
0.3816


376.7412, 0.3236,
0.3549

 33.4180, 0.3362,
0.3884


 86.4349, 0.3302,
0.3718

 22.4469, 0.3392,
0.3972


 112.0896, 0.3288,
0.3681

 14.1856, 0.3430,
0.4090


142.3762, 0.3276,
0.3650

 8.2499, 0.3480,
0.4256

177.6791, 0.3266,
0.3624

 4.2553, 0.3545,
0.4505

218.3826, 0.3257,
0.3601

 1.8174, 0.3711,
0.5030

264.8712, 0.3249,

 0.4980, 0.2999,

0.3582

0.7001

317.5293, 0.3242,
0.3564

0.0000, 0.0000,
0.0000

47.4835, 0.3338,
0.3816

47.4835, 0.3338,
0.3816

46.3201, 0.3437,
0.4086

48.7724, 0.3236,
0.3555

45.2710, 0.3529,
0.4357

50.1851, 0.3135,
0.3308

44.3330, 0.3610,
0.4619

51.7281, 0.3036,
0.3078

43.5003, 0.3673,
0.4862

53.4054, 0.2942,
0.2866

42.7664, 0.3715,
0.5073

55.2210, 0.2854,
0.2674

■ 42.1242, 0.3733,
0.5242

■ 56.7316, 0.2815,
0.2563

■ 41.5650, 0.3725,
0.5365

■ 57.5203, 0.2853,
0.2571

■ 41.1060, 0.3701,
0.5444

■ 58.3350, 0.2892,
0.2579

■ 59.1762, 0.2931,
0.2587

Harmonies

Analogous

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



47.4835, 0.3586, 0.3772



47.4835, 0.3338, 0.3816



47.4835, 0.3042, 0.3701

Triad

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



47.4835, 0.3338, 0.3816



47.4835, 0.2574, 0.2943



47.4835, 0.3480, 0.3121

Complementary

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



47.4835, 0.3338, 0.3816



32.6080, 0.2885, 0.2740

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.



47.4835, 0.3193, 0.2924



47.4835, 0.3338, 0.3816



47.4835, 0.2677, 0.2817

Square

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



47.4835, 0.3338, 0.3816



47.4835, 0.2609, 0.3176



47.4835, 0.2899, 0.2814



47.4835, 0.3674, 0.3364

Rectangle

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



47.4835, 0.3338, 0.3816



47.4835, 0.2857, 0.3549



47.4835, 0.2899, 0.2814



47.4835, 0.3390, 0.3048

Sweetspot

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



47.4856, 0.3338, 0.3816



89.5414, 0.3189, 0.3438



37.8008, 0.3508, 0.3432



19.2199, 0.3195, 0.3454



95.5105, 0.3127, 0.3290



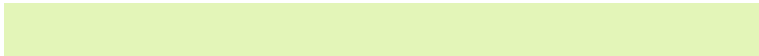
19.5994, 0.3127, 0.3290

Same Dimension

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



47.4856, 0.3338, 0.3816



85.0370, 0.3385, 0.3941



45.4218, 0.3176, 0.3843



10.9812, 0.3222, 0.3520



28.0224, 0.3707, 0.5439



1.1291, 0.3828, 0.5342

Inverse Universe

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



32.6080, 0.2885, 0.2740



53.1017, 0.2821, 0.2602



34.7026, 0.3063, 0.2768



9.3526, 0.3027, 0.3056



3.0241, 0.1691, 0.0705



0.1527, 0.1966, 0.0856

Previews

White Background



This preview shows how the Yxy color 47.4835, 0.3338, 0.3816 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 47.4835, 0.3338, 0.3816 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

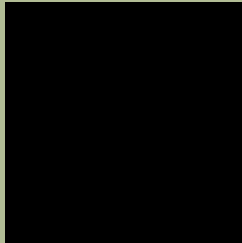
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

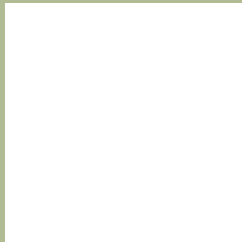
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 47.4835, 0.3338, 0.3816

Background



This preview shows how black text looks on a background with the Yxy color 47.4835, 0.3338, 0.3816.



This preview shows how white text looks on a background with the Yxy color 47.4835, 0.3338, 0.3816.

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

47.4835, 0.3338, 0.3816

Protanopia

47.4429, 0.3519, 0.3756

Deuteranopia

47.2821, 0.3673, 0.3598



Tritanopia

47.6318, 0.3035, 0.3112

Trichromacy



Original Color

47.4835, 0.3338, 0.3816

Protanomaly

47.5274, 0.3451, 0.3776

Deuteranomaly

46.9866, 0.3548, 0.3674

Tritanomaly

47.3594, 0.3141, 0.3355

Monochromacy



Original Color

47.4835, 0.3338, 0.3816

Achromatopsia

45.6411, 0.3127, 0.3290

Achromatomaly

46.3153, 0.3204, 0.3476

CSS Examples

Text

The CSS property to change the color of the text to Yxy 47.4835, 0.3338, 0.3816 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(177, 188, 149)` looks like.

```
.text, #text, p{  
    color:rgb(177, 188, 149)  
}
```

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(177, 188, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 188, 149) }
```

Border

The CSS property to change the border of an element to Yxy 47.4835, 0.3338, 0.3816 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(177, 188, 149) }
```

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

```
.border{ border-color:rgb(177, 188, 149) }
```

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

Here you see how a box with a 4 pixel rgb(177, 188, 149) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(177, 188, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(177, 188, 149);  
box-shadow:4px 4px 4px 4px rgb(177, 188,  
149) }
```


Background

The CSS property to change the background color of an element to Yxy 47.4835, 0.3338, 0.3816 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 188, 149) }
```

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

```
.background{ background-color: rgb(177,  
188, 149) }
```

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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