

Converting Colors

$Yxy(47.3428, 0.3466, 0.3831)$

Have a look what the booklet for
Yxy(47.3428, 0.3466, 0.3831)
contains.

Yxy(47.1506, 0.3465, 0.3833)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(47.1506, 0.3465, 0.3833)

Conversions

Conversions Part 1

Format	Color
Hex	BAB990
RGB	186, 185, 144
RGB Percent	73%, 73%, 56%
CMY	0.2708, 0.2744, 0.4353
CMYK	0.00, 0.01, 0.23, 0.27
HSL	59°, 23%, 65%
HSV	59°, 23%, 73%
XYZ	42.6237, 47.1506, 33.2379
YIQ	180.6250, 13.7570, -12.5390

Conversions

Conversions Part 2

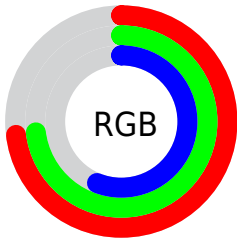
Format	Color
R_{YB}	145, 186, 144
Decimal	12237200
CIE _{Lab}	74.29, -6.45, 21.00
CIE _{LCh}	74, 21.969, 107.073
Yxy	47.1506, 0.3465, 0.3833
Android (android.graphics.Color)	4290427280 (0xFFBAB990)
YUV	180.6250, -18.0561, 4.7139
Hunter-Lab	68.6663, -9.3644, 19.3671

Details

The Yxy color $47.1506, 0.3465, 0.3833$ is a light color, and the websafe version is hex `CCCC99`. A complement of this color would be $29.7014, 0.2752, 0.2682$, and the grayscale version is $46.0866, 0.3127, 0.3290$.

A 20% lighter version of the original color is $85.8651, 0.3403, 0.3733$, and $22.1984, 0.3555, 0.3997$ is the 20% darker color. If you saturate the color by 10%, you get $46.4573, 0.3616, 0.4074$, and if you desaturate by 10%, it is $47.9423, 0.3313, 0.3589$.

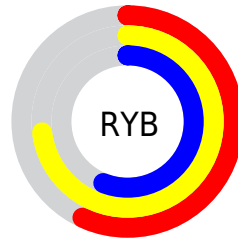
Distribution



Red (73%)

Green (73%)

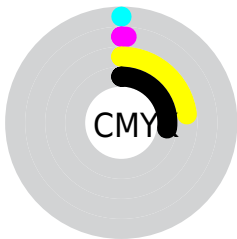
Blue (56%)



Red (57%)

Yellow (73%)

Blue (56%)

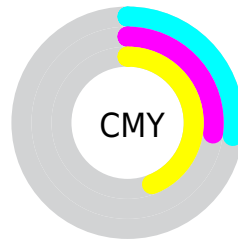


Cyan (0%)

Magenta (1%)

Yellow (23%)

Black (27%)



Cyan (27%)


Magenta (27%)


Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 47.1506, 0.3465, 0.3833 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 47.1506, 0.3465, 0.3833 by changing the saturation by 10% instead.

 47.1506, 0.3465,
0.3833

 47.1506, 0.3465,
0.3833


375.4153, 0.3299,
0.3559

 33.1547, 0.3505,
0.3902


 85.9384, 0.3406,
0.3733

 22.2450, 0.3555,
0.3990


 111.4991, 0.3383,
0.3696

 14.0370, 0.3620,
0.4107

141.6835, 0.3364,
0.3664

 8.1464, 0.3707,
0.4270

176.8760, 0.3347,
0.3637

 4.1888, 0.3825,
0.4508

217.4611, 0.3333,
0.3614

 1.7797, 0.4168,
0.5105

263.8231, 0.3320,

 0.4745, 0.3822,

0.3593

0.6178

316.3464, 0.3309,
0.3575

0.0000, 0.0000,
0.0000

47.1506, 0.3465,
0.3833

47.1506, 0.3465,
0.3833

46.4573, 0.3616,
0.4074

47.9423, 0.3313,
0.3589

45.8515, 0.3761,
0.4305

48.8303, 0.3164,
0.3350

45.3302, 0.3895,
0.4515

49.8207, 0.3022,
0.3121

44.8882, 0.4010,
0.4695

50.9174, 0.2889,
0.2904

44.5192, 0.4104,
0.4838

52.1238, 0.2765,
0.2704

■ 44.2163, 0.4171,
0.4939

■ 53.4069, 0.2655,
0.2525

■ 43.9711, 0.4213,
0.4998

■ 53.5832, 0.2656,
0.2530

■ 43.8138, 0.4232,
0.5021

■ 53.7601, 0.2656,
0.2534

■ 53.9375, 0.2657,
0.2539

Harmonies

Analogous

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



47.1506, 0.3675, 0.3724



47.1506, 0.3465, 0.3833



47.1506, 0.3170, 0.3786

Triad

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



47.1506, 0.3465, 0.3833



47.1506, 0.2555, 0.3023



47.1506, 0.3371, 0.3020

Complementary

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



47.1506, 0.3465, 0.3833



29.7014, 0.2752, 0.2682

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.



47.1506, 0.3060, 0.2851



47.1506, 0.3465, 0.3833



47.1506, 0.2601, 0.2843

Square

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



47.1506, 0.3465, 0.3833



47.1506, 0.2652, 0.3295



47.1506, 0.2781, 0.2785



47.1506, 0.3623, 0.3255

Rectangle

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



47.1506, 0.3465, 0.3833



47.1506, 0.2968, 0.3665



47.1506, 0.2781, 0.2785



47.1506, 0.3269, 0.2954

Sweetspot

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



47.1527, 0.3465, 0.3833



87.8023, 0.3231, 0.3458



32.4351, 0.3566, 0.3272



19.3141, 0.3240, 0.3472



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.



47.1527, 0.3465, 0.3833



84.8789, 0.3539, 0.3952



45.2587, 0.3288, 0.3877



10.4681, 0.3264, 0.3511



29.5088, 0.4232, 0.5022



1.0511, 0.4221, 0.5030

Inverse Universe

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



29.7014, 0.2752, 0.2682



47.7138, 0.2658, 0.2530



31.3361, 0.2934, 0.2700



8.7506, 0.2984, 0.3059



2.4602, 0.1505, 0.0617



0.0976, 0.1524, 0.0686

Previews

White Background



This preview shows how the Yxy color 47.1506, 0.3465, 0.3833 looks on a white background.

Color Contrast Check

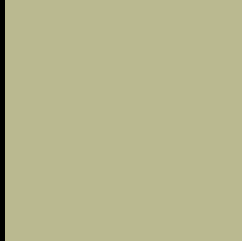
Large Text (above 18pt) WCAG AA × Fail

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 47.1506, 0.3465, 0.3833 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

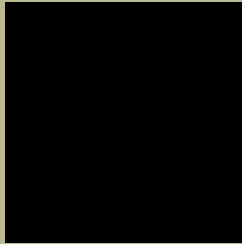
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

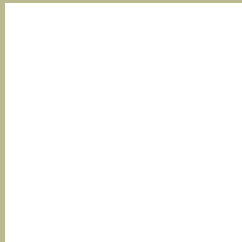
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 47.1506, 0.3465, 0.3833

Background



This preview shows how black text looks on a background with the Yxy color 47.1506, 0.3465, 0.3833.



This preview shows how white text looks on a background with the Yxy color 47.1506, 0.3465, 0.3833.

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

47.1506, 0.3465, 0.3833

Protanopia

47.0412, 0.3565, 0.3795

Deuteranopia

46.8814, 0.3731, 0.3647



Tritanopia

46.8975, 0.3127, 0.3102

Trichromacy



Original Color

47.1506, 0.3465, 0.3833

Protanomaly

47.0566, 0.3534, 0.3812

Deuteranomaly

46.9810, 0.3632, 0.3720

Tritanomaly

47.0900, 0.3254, 0.3368

Monochromacy



Original Color

47.1506, 0.3465, 0.3833

Achromatopsia

46.2077, 0.3127, 0.3290

Achromatomaly

46.3503, 0.3248, 0.3475

CSS Examples

Text

The CSS property to change the color of the text to Yxy 47.1506, 0.3465, 0.3833 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(186, 185, 144)` looks like.

```
.text, #text, p{  
    color:rgb(186, 185, 144)  
}
```

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(186, 185, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 185, 144) }
```

Border

The CSS property to change the border of an element to Yxy 47.1506, 0.3465, 0.3833 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(186, 185, 144) }
```

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

```
.border{ border-color:rgb(186, 185, 144) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 185, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 185, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 185, 144);  
box-shadow:4px 4px 4px 4px rgb(186, 185,  
144) }
```


Background

The CSS property to change the background color of an element to Yxy 47.1506, 0.3465, 0.3833 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 185, 144) }
```

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

```
.background{ background-color: rgb(186,  
185, 144) }
```

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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