

Converting Colors

Yxy(47.3217, 0.3445, 0.3848)

Have a look what the booklet for
Yxy(47.3217, 0.3445, 0.3848)
contains.

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Color

Yxy(47.3218, 0.3445, 0.3848)

Conversions

Conversions Part 1

Format	Color
Hex	B8BA90
RGB	184, 186, 144
RGB Percent	72%, 73%, 56%
CMY	0.2783, 0.2706, 0.4353
CMYK	0.01, 0.00, 0.23, 0.27
HSL	63°, 23%, 65%
HSV	63°, 23%, 73%
XYZ	42.3658, 47.3218, 33.2901
YIQ	180.6140, 12.2900, -13.4860

Conversions

Conversions Part 2

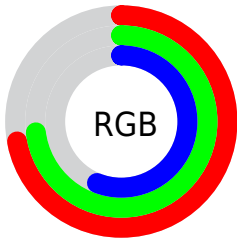
Format	Color
RYB	144, 186, 146
Decimal	12106384
CIELab	74.40, -7.69, 21.12
CIELCh	74, 22.476, 110.017
Yxy	47.3218, 0.3445, 0.3848
Android (android.graphics.Color)	4290296464 (0xFFB8BA90)
YUV	180.6140, -18.0507, 2.9695
Hunter-Lab	68.7908, -10.4523, 19.4613

Details

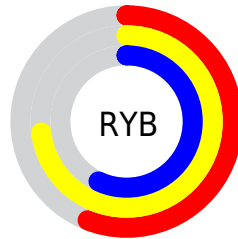
The Yxy color $47.3218, 0.3445, 0.3848$ is a light color, and the websafe version is hex `CCCC99`. A complement of this color would be $29.6034, 0.2769, 0.2671$, and the grayscale version is $46.0869, 0.3127, 0.3290$.

A 20% lighter version of the original color is $86.1067, 0.3387, 0.3745$, and $22.3907, 0.3538, 0.4016$ is the 20% darker color. If you saturate the color by 10%, you get $46.6939, 0.3585, 0.4098$, and if you desaturate by 10%, it is $48.0483, 0.3303, 0.3597$.

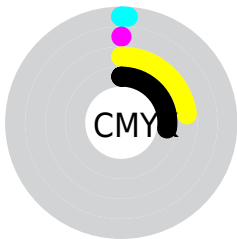
Distribution



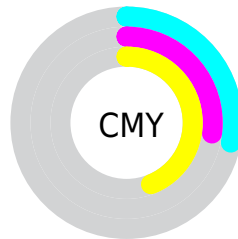
- Red (72%)
- Green (73%)
- Blue (56%)



- Red (56%)
- Yellow (73%)
- Blue (57%)



- Cyan (1%)
- Magenta (0%)
- Yellow (23%)
- Black (27%)





- Cyan (28%)
- Magenta (27%)
- Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 47.3218, 0.3445, 0.3848 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 47.3218, 0.3445, 0.3848 by changing the saturation by 10% instead.


 47.3218, 0.3445,
0.3848


 47.3218, 0.3445,
0.3848


376.0976, 0.3290,
0.3566

 33.2901, 0.3482,
0.3919


 86.1938, 0.3390,
0.3745

 22.3488, 0.3529,
0.4010


 111.8029, 0.3369,
0.3706

 14.1134, 0.3589,
0.4132


142.0399, 0.3351,
0.3674

 8.1996, 0.3668,
0.4301

177.2892, 0.3335,
0.3646

 4.2229, 0.3775,
0.4549

217.9352, 0.3321,
0.3622

 1.7990, 0.4093,
0.5164

264.3624, 0.3310,

 0.4866, 0.3608,

0.3601

0.6392

316.9550, 0.3299,
0.3582

0.0000, 0.0000,
0.0000

47.3218, 0.3445,
0.3848

47.3218, 0.3445,
0.3848

46.6939, 0.3585,
0.4098

48.0483, 0.3303,
0.3597

46.1537, 0.3718,
0.4338

48.8713, 0.3162,
0.3352

45.6982, 0.3839,
0.4558

49.7970, 0.3028,
0.3117


45.3222, 0.3941,
0.4750


50.8291, 0.2900,
0.2897

45.0194, 0.4020,
0.4904


51.9712, 0.2782,
0.2693


 44.7828, 0.4074,
0.5016


 53.1875, 0.2676,
0.2512

 44.6041, 0.4102,
0.5086

 53.2995, 0.2682,
0.2513

 44.4966, 0.4112,
0.5117

 53.4121, 0.2688,
0.2515

 53.5253, 0.2694,
0.2516

Harmonies

Analogous

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



47.3218, 0.3672, 0.3750



47.3218, 0.3445, 0.3848



47.3218, 0.3140, 0.3783

Triad

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



47.3218, 0.3445, 0.3848



47.3218, 0.2541, 0.2994



47.3218, 0.3405, 0.3035

Complementary

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



47.3218, 0.3445, 0.3848



29.6034, 0.2769, 0.2671

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.



47.3218, 0.3090, 0.2855



47.3218, 0.3445, 0.3848



47.3218, 0.2602, 0.2822

Square

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



47.3218, 0.3445, 0.3848



47.3218, 0.2626, 0.3265



47.3218, 0.2798, 0.2776



47.3218, 0.3652, 0.3280

Rectangle

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



47.3218, 0.3445, 0.3848



47.3218, 0.2935, 0.3650



47.3218, 0.2798, 0.2776



47.3218, 0.3303, 0.2966

Sweetspot

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



47.3239, 0.3445, 0.3848



87.8865, 0.3226, 0.3462



32.8287, 0.3577, 0.3311



19.3342, 0.3234, 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.



47.3239, 0.3445, 0.3848



85.2045, 0.3514, 0.3970



44.9803, 0.3264, 0.3882



10.4814, 0.3257, 0.3516



29.9469, 0.4113, 0.5116



1.0623, 0.4135, 0.5099

Inverse Universe

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



29.6034, 0.2769, 0.2671



47.4999, 0.2678, 0.2516



31.6451, 0.2961, 0.2704



8.7390, 0.2991, 0.3054



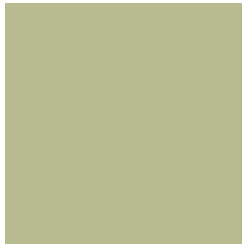
2.4321, 0.1518, 0.0610



0.0926, 0.1588, 0.0649

Previews

White Background



This preview shows how the Yxy color 47.3218, 0.3445, 0.3848 looks on a white background.

Color Contrast Check

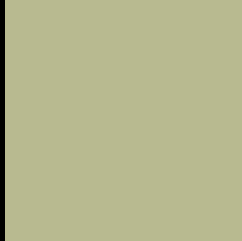
Large Text (above 18pt) WCAG AA × Fail

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 47.3218, 0.3445, 0.3848 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

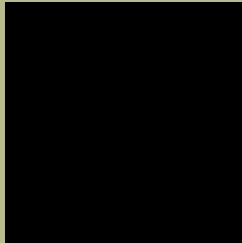
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

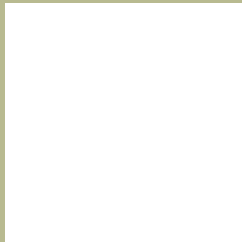
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 47.3218, 0.3445, 0.3848

Background



This preview shows how black text looks on a background with the Yxy color 47.3218, 0.3445, 0.3848.



This preview shows how white text looks on a background with the Yxy color 47.3218, 0.3445, 0.3848.

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

47.3218, 0.3445, 0.3848

Protanopia

47.4221, 0.3570, 0.3820

Deuteranopia

47.2721, 0.3727, 0.3659



Tritanopia

47.1668, 0.3118, 0.3114

Trichromacy



Original Color

47.3218, 0.3445, 0.3848

Protanomaly

47.3405, 0.3522, 0.3825

Deuteranomaly

47.2434, 0.3619, 0.3734

Tritanomaly

47.2424, 0.3235, 0.3381

Monochromacy



Original Color

47.3218, 0.3445, 0.3848

Achromatopsia

46.2077, 0.3127, 0.3290

Achromatomaly

46.6392, 0.3238, 0.3488

CSS Examples

Text

The CSS property to change the color of the text to Yxy 47.3218, 0.3445, 0.3848 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, 186, 144)` looks like.

```
.text, #text, p{  
    color:rgb(184, 186, 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(184, 186, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 186, 144) }
```

Border

The CSS property to change the border of an element to Yxy 47.3218, 0.3445, 0.3848 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, 186, 144) }
```

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

```
.border{ border-color:rgb(184, 186, 144) }
```

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

Here you see how a box with a 4 pixel rgb(184, 186, 144) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 186, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 186, 144);  
box-shadow:4px 4px 4px 4px rgb(184, 186,  
144) }
```


Background

The CSS property to change the background color of an element to Yxy 47.3218, 0.3445, 0.3848 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 186, 144) }
```

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

```
.background{ background-color: rgb(184,  
186, 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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