

Converting Colors

$Yxy(47.5146, 0.3343, 0.3647)$

Have a look what the booklet for
Yxy(47.5146, 0.3343, 0.3647)
contains.

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Color

Yxy(47.4808, 0.3342, 0.3646)

Conversions

Conversions Part 1

Format	Color
Hex	B9B99E
RGB	185, 185, 158
RGB Percent	73%, 73%, 62%
CMY	0.2747, 0.2744, 0.3803
CMYK	0.00, 0.00, 0.15, 0.27
HSL	60°, 16%, 67%
HSV	60°, 15%, 73%
XYZ	43.5219, 47.4808, 39.2244
YIQ	181.9220, 8.6670, -8.3970

Conversions

Conversions Part 2

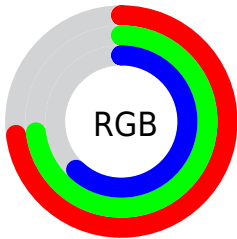
Format	Color
RYB	158, 185, 158
Decimal	12171678
CIELab	74.50, -4.69, 13.72
CIELCh	74, 14.499, 108.859
Yxy	47.4808, 0.3342, 0.3646
Android (android.graphics.Color)	4290361758 (0xFFB9B99E)
YUV	181.9220, -11.7935, 2.6994
Hunter-Lab	68.9063, -7.8437, 14.4840

Details

The Yxy color **47.4808, 0.3342, 0.3646** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **35.2381, 0.2896, 0.2907**, and the grayscale version is **46.7950, 0.3127, 0.3290**.

A 20% lighter version of the original color is **86.4155, 0.3301, 0.3577**, and **22.4696, 0.3400, 0.3741** is the 20% darker color. If you saturate the color by 10%, you get **46.8883, 0.3492, 0.3895**, and if you desaturate by 10%, it is **48.1734, 0.3194, 0.3400**.

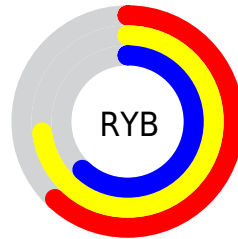
Distribution



Red (73%)

Green (73%)

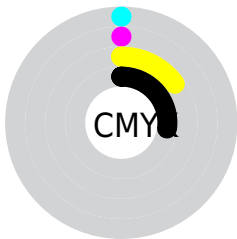
Blue (62%)



Red (62%)

Yellow (73%)

Blue (62%)

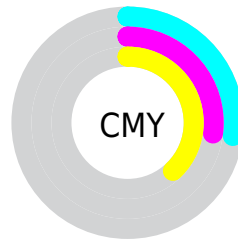


Cyan (0%)

Magenta (0%)

Yellow (15%)

Black (27%)



Cyan (27%)


Magenta (27%)


Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 47.4808, 0.3342, 0.3646 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 47.4808, 0.3342, 0.3646 by changing the saturation by 10% instead.

 47.4808, 0.3342,
0.3646


 47.4808, 0.3342,
0.3646


376.7304, 0.3236,
0.3467

 33.4159, 0.3368,
0.3691


 86.4309, 0.3304,
0.3581

 22.4452, 0.3401,
0.3749


 112.0848, 0.3289,
0.3556

 14.1844, 0.3444,
0.3827


142.3706, 0.3277,
0.3536

 8.2490, 0.3504,
0.3935

177.6726, 0.3267,
0.3518

 4.2547, 0.3589,
0.4097

218.3751, 0.3257,
0.3503

 1.8170, 0.3728,
0.4374

264.8627, 0.3249,

 0.4978, 0.4188,

0.3489

0.5812

317.5197, 0.3242,
0.3477

0.0000, 0.0000,
0.0000

47.4808, 0.3342,
0.3646

47.4808, 0.3342,
0.3646

46.8883, 0.3492,
0.3895

48.1734, 0.3194,
0.3400

46.3853, 0.3639,
0.4139

48.9639, 0.3051,
0.3163

45.9694, 0.3778,
0.4370

49.8581, 0.2915,
0.2939

45.6356, 0.3903,
0.4577

50.8596, 0.2789,
0.2731

45.3783, 0.4009,
0.4753

51.9718, 0.2673,
0.2539

■ 45.1914, 0.4091,
0.4890

■ 52.2615, 0.2647,
0.2495

■ 45.0678, 0.4148,
0.4984

■ 52.2661, 0.2647,
0.2495

■ 44.9989, 0.4179,
0.5037

■ 52.2707, 0.2648,
0.2495

■ 44.9745, 0.4190,
0.5055

■ 52.2753, 0.2648,
0.2495

Harmonies

Analogous

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



47.4808, 0.3483, 0.3586



47.4808, 0.3342, 0.3646



47.4808, 0.3147, 0.3605

Triad

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



47.4808, 0.3342, 0.3646



47.4808, 0.2744, 0.3109



47.4808, 0.3300, 0.3118

Complementary

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



47.4808, 0.3342, 0.3646



35.2381, 0.2896, 0.2907

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.



47.4808, 0.3097, 0.3000



47.4808, 0.3342, 0.3646



47.4808, 0.2781, 0.2990

Square

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



47.4808, 0.3342, 0.3646



47.4808, 0.2805, 0.3286



47.4808, 0.2908, 0.2952



47.4808, 0.3459, 0.3281

Rectangle

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



47.4808, 0.3342, 0.3646



47.4808, 0.3013, 0.3524



47.4808, 0.2908, 0.2952



47.4808, 0.3235, 0.3072

Sweetspot

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



47.4829, 0.3342, 0.3646



86.3326, 0.3186, 0.3387



37.2439, 0.3394, 0.3291



18.5900, 0.3197, 0.3406



93.3107, 0.3127, 0.3290



18.7317, 0.3127, 0.3290

Same Dimension

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



47.4829, 0.3342, 0.3646



84.6122, 0.3398, 0.3738



45.8893, 0.3224, 0.3659



10.5024, 0.3263, 0.3516



30.6184, 0.4190, 0.5055



1.0797, 0.4191, 0.5055

Inverse Universe

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



35.2381, 0.2896, 0.2907



57.8255, 0.2831, 0.2799



36.6779, 0.3018, 0.2921



8.7203, 0.2985, 0.3054



2.3871, 0.1501, 0.0600



0.0844, 0.1504, 0.0602

Previews

White Background



This preview shows how the Yxy color 47.4808, 0.3342, 0.3646 looks on a white background.

Color Contrast Check

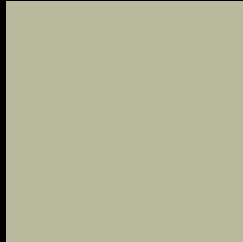
Large Text (above 18pt) WCAG AA × Fail

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 47.4808, 0.3342, 0.3646 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

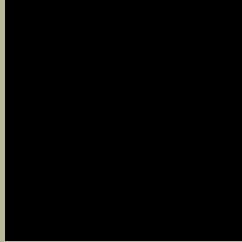
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

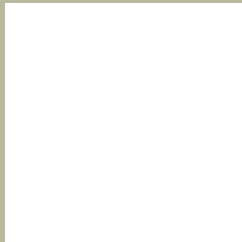
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 47.4808, 0.3342, 0.3646

Background



This preview shows how black text looks on a background with the Yxy color 47.4808, 0.3342, 0.3646.



This preview shows how white text looks on a background with the Yxy color 47.4808, 0.3342, 0.3646.

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

47.4808, 0.3342, 0.3646

Protanopia

47.5078, 0.3417, 0.3627

Deuteranopia

47.1440, 0.3564, 0.3489



Tritanopia

47.4847, 0.3101, 0.3114

Trichromacy



Original Color

47.4808, 0.3342, 0.3646

Protanomaly

47.5341, 0.3388, 0.3643

Deuteranomaly

47.0228, 0.3482, 0.3545

Tritanomaly

47.4835, 0.3186, 0.3303

Monochromacy



Original Color

47.4808, 0.3342, 0.3646

Achromatopsia

46.7784, 0.3127, 0.3290

Achromatomaly

46.9514, 0.3207, 0.3421

CSS Examples

Text

The CSS property to change the color of the text to Yxy 47.4808, 0.3342, 0.3646 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(185, 185, 158)` looks like.

```
.text, #text, p{  
    color:rgb(185, 185, 158)  
}
```

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(185, 185, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 185, 158) }
```

Border

The CSS property to change the border of an element to Yxy 47.4808, 0.3342, 0.3646 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(185, 185, 158) }
```

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

```
.border{ border-color:rgb(185, 185, 158) }
```

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

Here you see how a box with a 4 pixel `rgb(185, 185, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 185, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 185, 158);  
box-shadow:4px 4px 4px 4px rgb(185, 185,  
158) }
```


Background

The CSS property to change the background color of an element to Yxy 47.4808, 0.3342, 0.3646 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 185, 158) }
```

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

```
.background{ background-color: rgb(185,  
185, 158) }
```

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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