

Converting Colors

$Yxy(48.7948, 0.3497, 0.4003)$

Have a look what the booklet for
Yxy(48.7948, 0.3497, 0.4003)
contains.

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Color

Yxy(48.7948, 0.3497, 0.4003)

Conversions

Conversions Part 1

Format	Color
Hex	B8BE88
RGB	184, 190, 136
RGB Percent	72%, 75%, 53%
CMY	0.2784, 0.2549, 0.4666
CMYK	0.03, 0.00, 0.28, 0.25
HSL	67°, 29%, 64%
HSV	67°, 28%, 75%
XYZ	42.6269, 48.7948, 30.4739
YIQ	182.0500, 13.7580, -18.0660

Conversions

Conversions Part 2

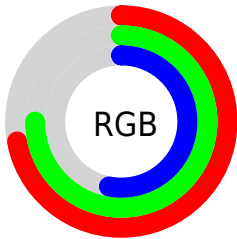
Format	Color
RYB	136, 190, 142
Decimal	12107400
CIELab	75.32, -10.91, 26.63
CIELCh	75, 28.780, 112.282
Yxy	48.7948, 0.3497, 0.4003
Android (android.graphics.Color)	4290297480 (0xFFB8BE88)
YUV	182.0500, -22.7026, 1.7102
Hunter-Lab	69.8533, -13.3164, 23.0317

Details

The Yxy color **48.7948, 0.3497, 0.4003** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **27.0869, 0.2691, 0.2491**, and the grayscale version is **46.9306, 0.3127, 0.3290**.

A 20% lighter version of the original color is **88.3300, 0.3437, 0.3866**, and **23.3090, 0.3580, 0.4208** is the 20% darker color. If you saturate the color by 10%, you get **48.0448, 0.3622, 0.4256**, and if you desaturate by 10%, it is **49.6488, 0.3366, 0.3747**.

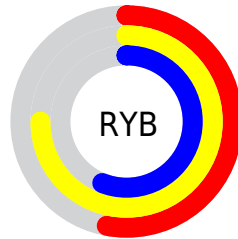
Distribution



Red (72%)

Green (75%)

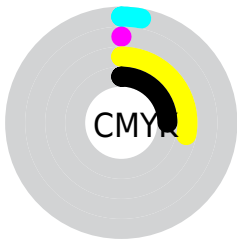
Blue (53%)



Red (53%)

Yellow (75%)

Blue (56%)

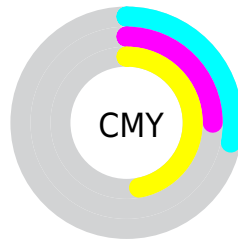


Cyan (3%)

Magenta (0%)

Yellow (28%)

Black (25%)



Cyan (28%)


Magenta (25%)

Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 48.7948, 0.3497, 0.4003 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 48.7948, 0.3497, 0.4003 by changing the saturation by 10% instead.


 48.7948, 0.3497,
0.4003


 48.7948, 0.3497,
0.4003

381.9339, 0.3320,
0.3643


 34.4567, 0.3538,
0.4093


 88.3866, 0.3435,
0.3872

 23.2447, 0.3589,
0.4208


 114.4091, 0.3411,
0.3823

 14.7743, 0.3652,
0.4360


 145.0953, 0.3390,
0.3781

 8.6611, 0.3731,
0.4569

180.8294, 0.3372,
0.3746

 4.5208, 0.3829,
0.4869

221.9960, 0.3357,
0.3715

 1.9690, 0.4247,
0.5753

268.9793, 0.3343,

 0.5893, 0.3326,

0.3688

0.6674

322.1638, 0.3331,
0.3664

0.0000, 0.0000,
0.0000

48.7948, 0.3497,
0.4003

48.7948, 0.3497,
0.4003

48.0448, 0.3622,
0.4256

49.6488, 0.3366,
0.3747

47.3873, 0.3737,
0.4495

50.6049, 0.3235,
0.3494

46.8188, 0.3836,
0.4712


51.6699, 0.3107,
0.3252


46.3332, 0.3913,
0.4896

52.8477, 0.2984,
0.3024


45.9236, 0.3967,
0.5039

54.1423, 0.2869,
0.2812

 45.5818, 0.3994,
0.5139

 55.5575, 0.2761,
0.2617

 45.2946, 0.3999,
0.5199

 56.1599, 0.2745,
0.2571

 45.2508, 0.3999,
0.5207

 56.4502, 0.2760,
0.2574

 56.7446, 0.2775,
0.2577

Harmonies

Analogous

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



48.7948, 0.3799, 0.3881



48.7948, 0.3497, 0.4003



48.7948, 0.3108, 0.3910

Triad

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



48.7948, 0.3497, 0.4003



48.7948, 0.2394, 0.2889



48.7948, 0.3507, 0.2991

Complementary

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



48.7948, 0.3497, 0.4003



27.0869, 0.2691, 0.2491

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.



48.7948, 0.3107, 0.2761



48.7948, 0.3497, 0.4003



48.7948, 0.2483, 0.2690

Square

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



48.7948, 0.3497, 0.4003



48.7948, 0.2484, 0.3224



48.7948, 0.2735, 0.2651



48.7948, 0.3812, 0.3295

Rectangle

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



48.7948, 0.3497, 0.4003



48.7948, 0.2853, 0.3728



48.7948, 0.2735, 0.2651



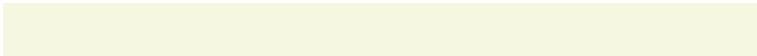
48.7948, 0.3377, 0.2904

Sweetspot

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



48.7970, 0.3497, 0.4003



91.5672, 0.3245, 0.3513



31.9011, 0.3721, 0.3366



20.0490, 0.3264, 0.3550



97.7402, 0.3127, 0.3290



20.4902, 0.3127, 0.3290

Same Dimension

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



48.7970, 0.3497, 0.4003



87.5674, 0.3575, 0.4159



45.8363, 0.3266, 0.4059



11.0653, 0.3248, 0.3518



30.1099, 0.4002, 0.5205



1.1950, 0.4050, 0.5166

Inverse Universe

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



27.0869, 0.2691, 0.2491



41.8587, 0.2577, 0.2289



29.7041, 0.2943, 0.2546



9.2748, 0.3001, 0.3054



2.5965, 0.1545, 0.0625



0.1188, 0.1694, 0.0707

Previews

White Background



This preview shows how the Yxy color 48.7948, 0.3497, 0.4003 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 48.7948, 0.3497, 0.4003 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

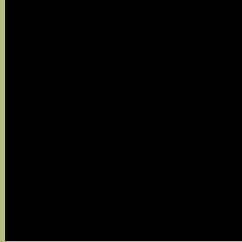
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 48.7948, 0.3497, 0.4003

Background



This preview shows how black text looks on a background with the Yxy color 48.7948, 0.3497, 0.4003.



This preview shows how white text looks on a background with the Yxy color 48.7948, 0.3497, 0.4003.

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

48.7948, 0.3497, 0.4003

Protanopia

48.5613, 0.3666, 0.3938

Deuteranopia

48.7649, 0.3837, 0.3758



Tritanopia

48.6936, 0.3094, 0.3103

Trichromacy



Original Color

48.7948, 0.3497, 0.4003

Protanomaly

48.7593, 0.3605, 0.3960

Deuteranomaly

48.4127, 0.3709, 0.3839

Tritanomaly

48.6119, 0.3240, 0.3419

Monochromacy



Original Color

48.7948, 0.3497, 0.4003

Achromatopsia

46.7784, 0.3127, 0.3290

Achromatomaly

47.4818, 0.3268, 0.3554

CSS Examples

Text

The CSS property to change the color of the text to Yxy 48.7948, 0.3497, 0.4003 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, 190, 136)` looks like.

```
.text, #text, p{  
    color:rgb(184, 190, 136)  
}
```

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, 190, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 190, 136) }
```

Border

The CSS property to change the border of an element to Yxy 48.7948, 0.3497, 0.4003 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, 190, 136) }
```

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

```
.border{ border-color:rgb(184, 190, 136) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 190, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 190, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 190, 136);  
box-shadow:4px 4px 4px 4px rgb(184, 190,  
136) }
```


Background

The CSS property to change the background color of an element to Yxy 48.7948, 0.3497, 0.4003 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 190, 136) }
```

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

```
.background{ background-color: rgb(184,  
190, 136) }
```

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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