

Converting Colors

$Y_{xy}(48.2685, 0.3454, 0.3790)$

Have a look what the booklet for
Yxy(48.2685, 0.3454, 0.3790)
contains.

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Color

Yxy(48.0747, 0.3457, 0.3787)

Conversions

Conversions Part 1

Format	Color
Hex	BDBA94
RGB	189, 186, 148
RGB Percent	74%, 73%, 58%
CMY	0.2589, 0.2705, 0.4196
CMYK	0.00, 0.02, 0.22, 0.26
HSL	56°, 24%, 66%
HSV	56°, 22%, 74%
XYZ	43.8855, 48.0747, 34.9865
YIQ	182.5650, 13.9860, -11.1820

Conversions

Conversions Part 2

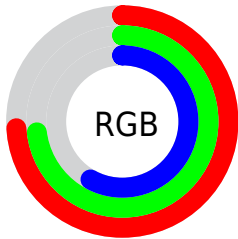
Format	Color
RYB	151, 189, 148
Decimal	12434068
CIELab	74.87, -5.24, 19.69
CIELCh	75, 20.374, 104.892
Yxy	48.0747, 0.3457, 0.3787
Android (android.graphics.Color)	4290624148 (0xFFBDBA94)
YUV	182.5650, -17.0405, 5.6435
Hunter-Lab	69.3359, -8.3581, 18.6178

Details

The Yxy color **48.0747, 0.3457, 0.3787** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **32.0922, 0.2770, 0.2739**, and the grayscale version is **47.1918, 0.3127, 0.3290**.

A 20% lighter version of the original color is **87.3614, 0.3404, 0.3697**, and **22.7890, 0.3544, 0.3932** is the 20% darker color. If you saturate the color by 10%, you get **46.9542, 0.3614, 0.4019**, and if you desaturate by 10%, it is **49.3027, 0.3301, 0.3554**.

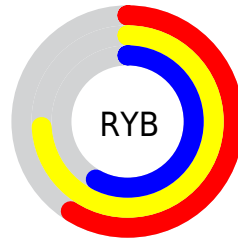
Distribution



Red (74%)

Green (73%)

Blue (58%)



Red (59%)

Yellow (74%)

Blue (58%)

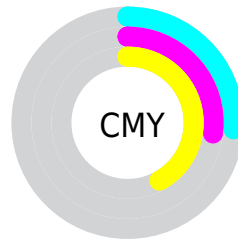


Cyan (0%)

Magenta (2%)

Yellow (22%)

Black (26%)



Cyan (26%)


Magenta (27%)


Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 48.0747, 0.3457, 0.3787 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 48.0747, 0.3457, 0.3787 by changing the saturation by 10% instead.


 48.0747, 0.3457,
0.3787

 48.0747, 0.3457,
0.3787


379.0881, 0.3295,
0.3538

 33.8860, 0.3496,
0.3849


 87.3156, 0.3399,
0.3696

 22.8061, 0.3546,
0.3929


 113.1367, 0.3377,
0.3662

 14.4504, 0.3610,
0.4035


143.6040, 0.3358,
0.3633

 8.4346, 0.3696,
0.4181

179.1019, 0.3342,
0.3609

 4.3743, 0.3815,
0.4394

220.0149, 0.3328,
0.3587

 1.8850, 0.4084,
0.4846

266.7274, 0.3316,

 0.5394, 0.4164,

0.3569

0.5836

319.6236, 0.3305,
0.3552

0.0000, 0.0000,
0.0000

48.0747, 0.3457,
0.3787

48.0747, 0.3457,
0.3787

46.9542, 0.3614,
0.4019

49.3027, 0.3301,
0.3554

45.9299, 0.3769,
0.4243

50.6362, 0.3152,
0.3327

44.9990, 0.3914,
0.4448

52.0815, 0.3010,
0.3110

44.1557, 0.4044,
0.4626

53.6424, 0.2878,
0.2907

43.3938, 0.4153,
0.4768

55.3228, 0.2757,
0.2718

■ 42.7060, 0.4237,
0.4869

■ 56.7076, 0.2683,
0.2607

■ 42.0839, 0.4294,
0.4926

■ 57.3186, 0.2684,
0.2622

■ 41.6022, 0.4326,
0.4947

■ 57.9352, 0.2686,
0.2638

■ 58.5574, 0.2687,
0.2654

Harmonies

Analogous

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



48.0747, 0.3641, 0.3680



48.0747, 0.3457, 0.3787



48.0747, 0.3189, 0.3753

Triad

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



48.0747, 0.3457, 0.3787



48.0747, 0.2600, 0.3062



48.0747, 0.3332, 0.3026

Complementary

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



48.0747, 0.3457, 0.3787



32.0922, 0.2770, 0.2739

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.



48.0747, 0.3046, 0.2876



48.0747, 0.3457, 0.3787



48.0747, 0.2633, 0.2886

Square

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



48.0747, 0.3457, 0.3787



48.0747, 0.2700, 0.3316



48.0747, 0.2792, 0.2823



48.0747, 0.3570, 0.3242

Rectangle

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



48.0747, 0.3457, 0.3787



48.0747, 0.3001, 0.3649



48.0747, 0.2792, 0.2823



48.0747, 0.3238, 0.2967

Sweetspot

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



48.0768, 0.3457, 0.3787



89.3978, 0.3232, 0.3450



34.2459, 0.3524, 0.3245



19.1941, 0.3241, 0.3463



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.



48.0768, 0.3457, 0.3787



85.1595, 0.3532, 0.3898



47.2807, 0.3300, 0.3850



10.9994, 0.3266, 0.3501



28.0487, 0.4324, 0.4949



1.1343, 0.4289, 0.4976

Inverse Universe

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



32.0922, 0.2770, 0.2739



51.4341, 0.2681, 0.2600



32.8631, 0.2923, 0.2721



9.3331, 0.2984, 0.3070



2.7211, 0.1515, 0.0654



0.1448, 0.1571, 0.0855

Previews

White Background



This preview shows how the Yxy color 48.0747, 0.3457, 0.3787 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 48.0747, 0.3457, 0.3787 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

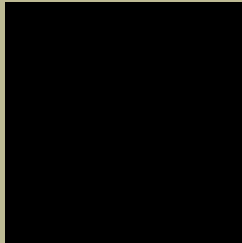
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

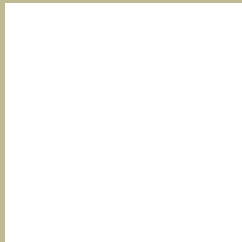
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 48.0747, 0.3457, 0.3787

Background



This preview shows how black text looks on a background with the Yxy color 48.0747, 0.3457, 0.3787.



This preview shows how white text looks on a background with the Yxy color 48.0747, 0.3457, 0.3787.

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

48.0747, 0.3457, 0.3787

Protanopia

48.1233, 0.3534, 0.3765

Deuteranopia

47.9424, 0.3697, 0.3620



Tritanopia

48.1397, 0.3144, 0.3116

Trichromacy



Original Color

48.0747, 0.3457, 0.3787

Protanomaly

48.1420, 0.3504, 0.3782

Deuteranomaly

47.7916, 0.3612, 0.3679

Tritanomaly

47.9677, 0.3262, 0.3354

Monochromacy



Original Color

48.0747, 0.3457, 0.3787

Achromatopsia

47.3531, 0.3127, 0.3290

Achromatomaly

47.4975, 0.3247, 0.3473

CSS Examples

Text

The CSS property to change the color of the text to Yxy 48.0747, 0.3457, 0.3787 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(189, 186, 148)` looks like.

```
.text, #text, p{  
    color:rgb(189, 186, 148)  
}
```

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(189, 186, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 186, 148) }
```

Border

The CSS property to change the border of an element to Yxy 48.0747, 0.3457, 0.3787 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(189, 186, 148) }
```

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

```
.border{ border-color:rgb(189, 186, 148) }
```

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

Here you see how a box with a 4 pixel rgb(189, 186, 148) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 186, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 186, 148);  
box-shadow:4px 4px 4px 4px rgb(189, 186,  
148) }
```


Background

The CSS property to change the background color of an element to Yxy 48.0747, 0.3457, 0.3787 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 186, 148) }
```

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

```
.background{ background-color: rgb(189,  
186, 148) }
```

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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