

Converting Colors

$Yxy(48.5359, 0.3507, 0.3773)$

Have a look what the booklet for
Yxy(48.5359, 0.3507, 0.3773)
contains.

Yxy(48.3054, 0.3505, 0.3767)	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(48.3054, 0.3505, 0.3767)

Conversions

Conversions Part 1

Format	Color
Hex	C2B994
RGB	194, 185, 148
RGB Percent	76%, 73%, 58%
CMY	0.2392, 0.2745, 0.4195
CMYK	0.00, 0.05, 0.24, 0.24
HSL	48°, 27%, 67%
HSV	48°, 24%, 76%
XYZ	44.9457, 48.3054, 34.9820
YIQ	183.4730, 17.2410, -9.5990

Conversions

Conversions Part 2

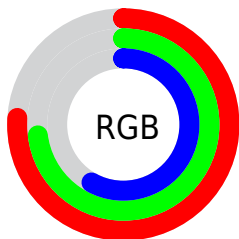
Format	Color
RYB	159, 194, 148
Decimal	12761492
CIELab	75.02, -2.77, 19.95
CIElCh	75, 20.138, 97.918
Yxy	48.3054, 0.3505, 0.3767
Android (android.graphics.Color)	4290951572 (0xFFC2B994)
YUV	183.4730, -17.4882, 9.2322
Hunter-Lab	69.5021, -6.1961, 18.8095

Details

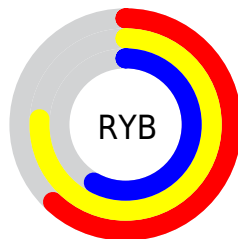
The Yxy color **48.3054, 0.3505, 0.3767** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **34.3196, 0.2739, 0.2763**, and the grayscale version is **47.7208, 0.3127, 0.3290**.

A 20% lighter version of the original color is **87.6841, 0.3440, 0.3683**, and **22.9410, 0.3611, 0.3903** is the 20% darker color. If you saturate the color by 10%, you get **46.1744, 0.3678, 0.3973**, and if you desaturate by 10%, it is **50.5862, 0.3339, 0.3561**.

Distribution



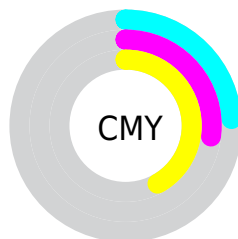
- Red (76%)
- Green (73%)
- Blue (58%)



- Red (62%)
- Yellow (76%)
- Blue (58%)



- Cyan (0%)
- Magenta (5%)
- Yellow (24%)
- Black (24%)




- Cyan (24%)
- Magenta (27%)
- Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 48.3054, 0.3505, 0.3767 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 48.3054, 0.3505, 0.3767 by changing the saturation by 10% instead.

 48.3054, 0.3505,
0.3767

 48.3054, 0.3505,
0.3767


380.0014, 0.3319,
0.3529

 34.0688, 0.3550,
0.3826


 87.6589, 0.3438,
0.3681

 22.9465, 0.3608,
0.3901


 113.5447, 0.3413,
0.3648

 14.5540, 0.3683,
0.4000


144.0822, 0.3391,
0.3621

 8.5070, 0.3783,
0.4135

179.6560, 0.3373,
0.3597

 4.4210, 0.3925,
0.4330

220.6504, 0.3357,
0.3577

 1.9118, 0.4230,
0.4739

267.4499, 0.3342,

 0.5554, 0.4531,

0.3559

0.5469

320.4387, 0.3330,
0.3543

0.0000, 0.0000,
0.0000

48.3054, 0.3505,
0.3767

48.3054, 0.3505,
0.3767

46.1744, 0.3678,
0.3973

50.5862, 0.3339,
0.3561

44.1813, 0.3854,
0.4171

53.0155, 0.3182,
0.3362

42.3223, 0.4027,
0.4354

55.6002, 0.3037,
0.3171

40.5911, 0.4189,
0.4510

58.3447, 0.2905,
0.2993

38.9803, 0.4333,
0.4630

61.2536, 0.2785,
0.2827

■ 37.4817, 0.4452,
0.4706

■ 63.7083, 0.2730,
0.2769

■ 36.0855, 0.4543,
0.4736

■ 65.5819, 0.2733,
0.2812

■ 35.2470, 0.4589,
0.4738

■ 67.5002, 0.2737,
0.2855

■ 69.4635, 0.2740,
0.2898

Harmonies

Analogous

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



48.3054, 0.3658, 0.3635



48.3054, 0.3505, 0.3767



48.3054, 0.3253, 0.3768

Triad

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



48.3054, 0.3505, 0.3767



48.3054, 0.2618, 0.3118



48.3054, 0.3265, 0.2988

Complementary

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



48.3054, 0.3505, 0.3767



34.3196, 0.2739, 0.2763

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.



48.3054, 0.2983, 0.2859



48.3054, 0.3505, 0.3767



48.3054, 0.2620, 0.2922

Square

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



48.3054, 0.3505, 0.3767



48.3054, 0.2745, 0.3378



48.3054, 0.2750, 0.2833



48.3054, 0.3518, 0.3190

Rectangle

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



48.3054, 0.3505, 0.3767



48.3054, 0.3066, 0.3686



48.3054, 0.2750, 0.2833



48.3054, 0.3170, 0.2935

Sweetspot

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



48.3076, 0.3505, 0.3767



94.5087, 0.3234, 0.3429



35.1004, 0.3516, 0.3169



20.6365, 0.3244, 0.3441



0.0000, 0.0000, 0.0000



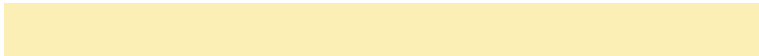
21.4041, 0.3127, 0.3290

Same Dimension

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



48.3076, 0.3505, 0.3767



85.6468, 0.3587, 0.3865



50.4558, 0.3362, 0.3898



11.4121, 0.3269, 0.3474



23.2873, 0.4583, 0.4743



1.0940, 0.4481, 0.4824

Inverse Universe

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



34.3196, 0.2739, 0.2763



56.2788, 0.2652, 0.2640



32.7460, 0.2851, 0.2653



10.0604, 0.2983, 0.3099



3.5659, 0.1557, 0.0804



0.2516, 0.1670, 0.1210

Previews

White Background



This preview shows how the Yxy color 48.3054, 0.3505, 0.3767 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 48.3054, 0.3505, 0.3767 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

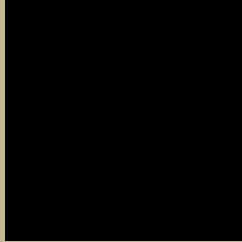
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

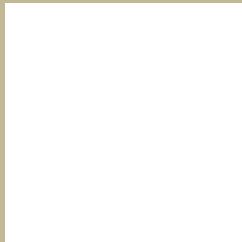
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 48.3054, 0.3505, 0.3767

Background



This preview shows how black text looks on a background with the Yxy color 48.3054, 0.3505, 0.3767.



This preview shows how white text looks on a background with the Yxy color 48.3054, 0.3505, 0.3767.

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

48.3054, 0.3505, 0.3767

Protanopia

48.1549, 0.3526, 0.3752

Deuteranopia

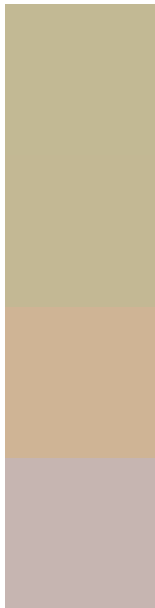
48.0934, 0.3706, 0.3619



Tritanopia

48.3698, 0.3195, 0.3118

Trichromacy



Original Color

48.3054, 0.3505, 0.3767

Protanomaly

48.0212, 0.3517, 0.3754

Deuteranomaly

48.0778, 0.3631, 0.3677

Tritanomaly

48.2278, 0.3308, 0.3341

Monochromacy



Original Color

48.3054, 0.3505, 0.3767

Achromatopsia

47.3531, 0.3127, 0.3290

Achromatomaly

47.7481, 0.3264, 0.3472

CSS Examples

Text

The CSS property to change the color of the text to Yxy 48.3054, 0.3505, 0.3767 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(194, 185, 148)` looks like.

```
.text, #text, p{  
    color:rgb(194, 185, 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(194, 185, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 185, 148) }
```

Border

The CSS property to change the border of an element to Yxy 48.3054, 0.3505, 0.3767 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(194, 185, 148) }
```

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

```
.border{ border-color:rgb(194, 185, 148) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 185, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 185, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 185, 148);  
box-shadow:4px 4px 4px 4px rgb(194, 185,  
148) }
```


Background

The CSS property to change the background color of an element to Yxy 48.3054, 0.3505, 0.3767 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 185, 148) }
```

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

```
.background{ background-color: rgb(194,  
185, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor