

Converting Colors

$Yxy(52.5861, 0.3302, 0.3758)$

Have a look what the booklet for
Yxy(52.5861, 0.3302, 0.3758)
contains.

Yxy(52.7849, 0.3306, 0.3767)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(52.7849, 0.3306, 0.3767)

Conversions

Conversions Part 1

Format	Color
Hex	B9C5A0
RGB	185, 197, 160
RGB Percent	73%, 77%, 63%
CMY	0.2744, 0.2275, 0.3725
CMYK	0.06, 0.00, 0.19, 0.23
HSL	79°, 24%, 70%
HSV	79°, 19%, 77%
XYZ	46.3252, 52.7849, 41.0144
YIQ	189.1940, 4.7250, -14.0510

Conversions

Conversions Part 2

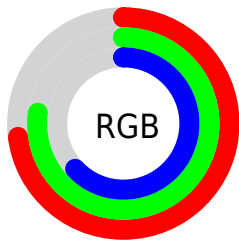
Format	Color
RYB	160, 197, 172
Decimal	12174752
CIELab	77.75, -10.60, 17.19
CIELCh	78, 20.198, 121.652
Yxy	52.7849, 0.3306, 0.3767
Android (android.graphics.Color)	4290364832 (0xFFB9C5A0)
YUV	189.1940, -14.3926, -3.6781
Hunter-Lab	72.6532, -13.3279, 17.3867

Details

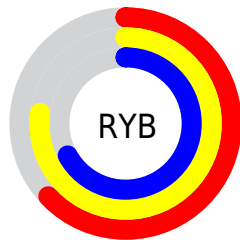
The Yxy color $52.7849, 0.3306, 0.3767$ is a light color, and the websafe version is hex `CCCC99`. A complement of this color would be $37.9505, 0.2924, 0.2797$, and the grayscale version is $51.0918, 0.3127, 0.3290$.

A 20% lighter version of the original color is $94.4907, 0.3273, 0.3683$, and $25.6332, 0.3358, 0.3904$ is the 20% darker color. If you saturate the color by 10%, you get $51.3757, 0.3399, 0.4040$, and if you desaturate by 10%, it is $54.3436, 0.3210, 0.3506$.

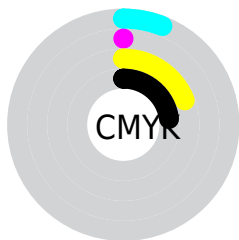
Distribution



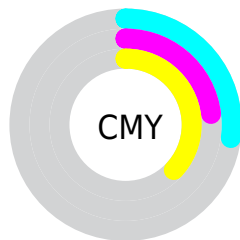
- Red (73%)
- Green (77%)
- Blue (63%)



- Red (63%)
- Yellow (77%)
- Blue (67%)



- Cyan (6%)
- Magenta (0%)
- Yellow (19%)
- Black (23%)




- Cyan (27%)
- Magenta (23%)
- Yellow (37%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 52.7849, 0.3306, 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 52.7849, 0.3306, 0.3767 by changing the saturation by 10% instead.

 52.7849, 0.3306,
0.3767

 52.7849, 0.3306,
0.3767


397.4593, 0.3221,
0.3529

 37.6311, 0.3326,
0.3826


 94.2878, 0.3276,
0.3681

 25.6965, 0.3350,
0.3902


 121.4056, 0.3265,
0.3648

 16.5967, 0.3381,
0.4003


153.2803, 0.3255,
0.3621

 9.9474, 0.3421,
0.4142

190.2961, 0.3246,
0.3597

 5.3641, 0.3474,
0.4348

232.8375, 0.3239,
0.3577

 2.4624, 0.3543,
0.4677

281.2890, 0.3232,

 0.8577, 0.3935,

0.3559

0.6065

336.0348, 0.3226,
0.3543

0.0000, 0.0000,
0.0000

52.7849, 0.3306,
0.3767

52.7849, 0.3306,
0.3767

51.3757, 0.3399,
0.4040

54.3436, 0.3210,
0.3506

50.1034, 0.3486,
0.4316

56.0500, 0.3116,
0.3261

48.9644, 0.3562,
0.4588

57.9115, 0.3024,
0.3034

47.9521, 0.3622,
0.4843

59.9327, 0.2936,
0.2827

47.0592, 0.3661,
0.5070

61.8893, 0.2877,
0.2673

■ 46.2777, 0.3676,
0.5256

■ 62.8850, 0.2922,
0.2681

■ 45.5980, 0.3667,
0.5395

■ 63.9190, 0.2968,
0.2689

■ 45.0049, 0.3635,
0.5488

■ 64.9915, 0.3014,
0.2697

■ 44.9353, 0.3631,
0.5499

■ 66.1031, 0.3061,
0.2706

Harmonies

Analogous

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



52.7849, 0.3536, 0.3737



52.7849, 0.3306, 0.3767



52.7849, 0.3035, 0.3654

Triad

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



52.7849, 0.3306, 0.3767



52.7849, 0.2622, 0.2964



52.7849, 0.3463, 0.3147

Complementary

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



52.7849, 0.3306, 0.3767



37.9505, 0.2924, 0.2797

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.



52.7849, 0.3204, 0.2962



52.7849, 0.3306, 0.3767



52.7849, 0.2724, 0.2853

Square

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



52.7849, 0.3306, 0.3767



52.7849, 0.2647, 0.3173



52.7849, 0.2933, 0.2856



52.7849, 0.3632, 0.3372

Rectangle

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



52.7849, 0.3306, 0.3767



52.7849, 0.2867, 0.3513



52.7849, 0.2933, 0.2856



52.7849, 0.3383, 0.3079

Sweetspot

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



52.7872, 0.3306, 0.3767



98.1261, 0.3185, 0.3439



43.8115, 0.3463, 0.3442



20.9607, 0.3191, 0.3455



0.0000, 0.0000, 0.0000



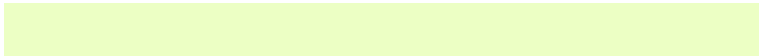
21.4041, 0.3127, 0.3290

Same Dimension

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



52.7872, 0.3306, 0.3767



93.3566, 0.3349, 0.3891



50.6635, 0.3157, 0.3790



12.2383, 0.3216, 0.3522



29.6040, 0.3638, 0.5493



1.4396, 0.3757, 0.5399

Inverse Universe

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



37.9505, 0.2924, 0.2797



61.3561, 0.2865, 0.2664



40.1559, 0.3087, 0.2821



10.4514, 0.3032, 0.3055



3.4039, 0.1741, 0.0733



0.2006, 0.1980, 0.0865

Previews

White Background



This preview shows how the Yxy color 52.7849, 0.3306, 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 52.7849, 0.3306, 0.3767 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

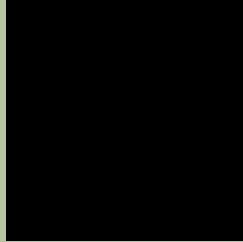
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 52.7849, 0.3306, 0.3767

Background



This preview shows how black text looks on a background with the Yxy color 52.7849, 0.3306, 0.3767.



This preview shows how white text looks on a background with the Yxy color 52.7849, 0.3306, 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

52.7849, 0.3306, 0.3767

Protanopia

52.8301, 0.3493, 0.3724

Deuteranopia

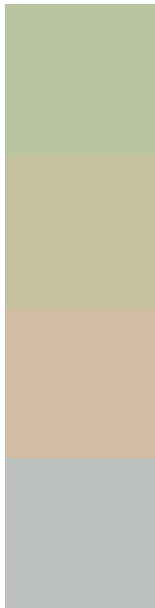
52.7144, 0.3622, 0.3550



Tritanopia

52.9243, 0.3024, 0.3107

Trichromacy



Original Color

52.7849, 0.3306, 0.3767

Protanomaly

52.7880, 0.3420, 0.3744

Deuteranomaly

52.4137, 0.3504, 0.3620

Tritanomaly

52.6329, 0.3125, 0.3340

Monochromacy



Original Color

52.7849, 0.3306, 0.3767

Achromatopsia

50.8881, 0.3127, 0.3290

Achromatomaly

51.6050, 0.3201, 0.3468

CSS Examples

Text

The CSS property to change the color of the text to Yxy 52.7849, 0.3306, 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(185, 197, 160)` looks like.

```
.text, #text, p{  
    color:rgb(185, 197, 160)  
}
```

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, 197, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 197, 160) }
```

Border

The CSS property to change the border of an element to Yxy 52.7849, 0.3306, 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(185, 197, 160) }
```

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

```
.border{ border-color:rgb(185, 197, 160) }
```

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

Here you see how a box with a 4 pixel rgb(185, 197, 160) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 197, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 197, 160);  
box-shadow:4px 4px 4px 4px rgb(185, 197,  
160) }
```


Background

The CSS property to change the background color of an element to Yxy 52.7849, 0.3306, 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(185, 197, 160) }
```

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

```
.background{ background-color: rgb(185,  
197, 160) }
```

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