

Converting Colors

$Yxy(33.5189, 0.3871, 0.3534)$

Have a look what the booklet for
Yxy(33.5189, 0.3871, 0.3534)
contains.

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Color

Yxy(33.5189, 0.3871, 0.3534)

Conversions

Conversions Part 1

Format	Color
Hex	C4917F
RGB	196, 145, 127
RGB Percent	77%, 57%, 50%
CMY	0.2315, 0.4313, 0.5020
CMYK	0.00, 0.26, 0.35, 0.23
HSL	16°, 37%, 63%
HSV	16°, 35%, 77%
XYZ	36.7152, 33.5189, 24.6128
YIQ	158.1970, 36.1740, 5.2140

Conversions

Conversions Part 2

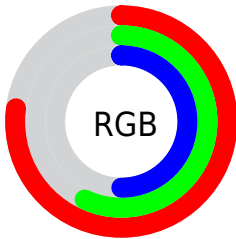
Format	Color
RYB	196, 151, 127
Decimal	12882303
CIELab	64.58, 16.82, 17.10
CIElCh	65, 23.984, 45.466
Yxy	33.5189, 0.3871, 0.3534
Android (android.graphics.Color)	4291072383 (0xFFC4917F)
YUV	158.1970, -15.3801, 33.1532
Hunter-Lab	57.8955, 11.8811, 15.3213

Details

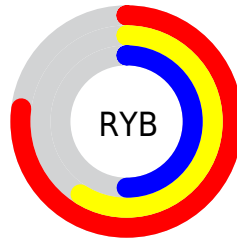
The Yxy color **33.5189, 0.3871, 0.3534** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **40.3174, 0.2601, 0.3029**, and the grayscale version is **34.3452, 0.3127, 0.3290**.

A 20% lighter version of the original color is **65.2130, 0.3721, 0.3490**, and **14.2182, 0.4125, 0.3584** is the 20% darker color. If you saturate the color by 10%, you get **28.9114, 0.4174, 0.3603**, and if you desaturate by 10%, it is **38.7928, 0.3612, 0.3462**.

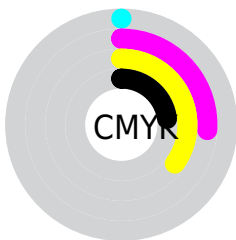
Distribution



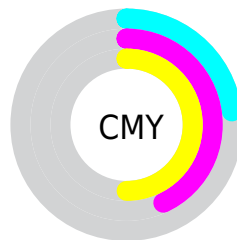
- Red (77%)
- Green (57%)
- Blue (50%)



- Red (77%)
- Yellow (59%)
- Blue (50%)



- Cyan (0%)
- Magenta (26%)
- Yellow (35%)
- Black (23%)





- Cyan (23%)
- Magenta (43%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 33.5189, 0.3871, 0.3534 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 33.5189, 0.3871, 0.3534 by changing the saturation by 10% instead.


 33.5189, 0.3871,
0.3534


 33.5189, 0.3871,
0.3534


317.9815, 0.3475,
0.3416

 22.5243, 0.3977,
0.3561


 65.1848, 0.3722,
0.3493

 14.2426, 0.4119,
0.3593


 86.6249, 0.3667,
0.3477

 8.2896, 0.4314,
0.3632


 112.3155, 0.3622,
0.3463

 4.2808, 0.4600,
0.3674

142.6412, 0.3583,
0.3451

 1.8319, 0.5105,
0.3746

177.9862, 0.3551,
0.3441

 0.5069, 0.6380,
0.3620


218.7350, 0.3522,


 0.0000, 0.0000,


0.3432

0.0000

265.2719, 0.3497,
0.3424


 33.5189, 0.3871,
0.3534

 33.5189, 0.3871,
0.3534


 28.9114, 0.4174,
0.3603

 38.7928, 0.3612,
0.3462


 24.9387, 0.4518,
0.3663


 44.7536, 0.3393,
0.3391


 21.5734, 0.4895,
0.3703

 51.4270, 0.3210,
0.3323

 18.7844, 0.5282,
0.3713


 58.8357, 0.3057,
0.3260


 16.5375, 0.5644,
0.3684

 67.0015, 0.2929,
0.3203

 14.7942, 0.5939,
0.3611

 75.9453, 0.2821,
0.3150

 14.1168, 0.6059,
0.3571

 85.0816, 0.2776,
0.3197

 90.4717, 0.2784,
0.3289

Harmonies

Analogous

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



33.5189, 0.3722, 0.3227



33.5189, 0.3871, 0.3534



33.5189, 0.3805, 0.3802

Triad

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



33.5189, 0.3871, 0.3534



33.5189, 0.2834, 0.3669



33.5189, 0.2690, 0.2680

Complementary

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



33.5189, 0.3871, 0.3534



40.3174, 0.2601, 0.3029

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.



33.5189, 0.2483, 0.2753



33.5189, 0.3871, 0.3534



33.5189, 0.2560, 0.3312

Square

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



33.5189, 0.3871, 0.3534



33.5189, 0.3196, 0.3912



33.5189, 0.2436, 0.2975



33.5189, 0.3023, 0.2753

Rectangle

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



33.5189, 0.3871, 0.3534



33.5189, 0.3654, 0.3921



33.5189, 0.2436, 0.2975



33.5189, 0.2605, 0.2687

Sweetspot

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



33.5205, 0.3871, 0.3534



85.8075, 0.3316, 0.3363



30.1540, 0.3347, 0.2624



18.0163, 0.3342, 0.3372



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.



33.5205, 0.3871, 0.3534



54.3988, 0.4093, 0.3586



45.3951, 0.3721, 0.3960



10.4963, 0.3283, 0.3351



9.1946, 0.6035, 0.3590



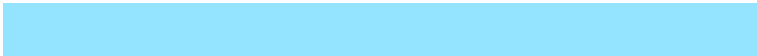
0.5138, 0.5582, 0.3950

Inverse Universe

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



40.3174, 0.2601, 0.3029



68.4553, 0.2499, 0.2964



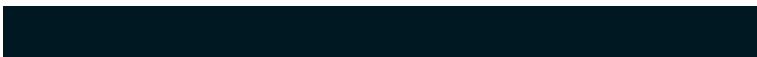
28.5161, 0.2532, 0.2514



10.9687, 0.2984, 0.3228



15.6783, 0.2008, 0.2429



0.7843, 0.2068, 0.2644

Previews

White Background



This preview shows how the Yxy color 33.5189, 0.3871, 0.3534 looks on a white background.

Color Contrast Check

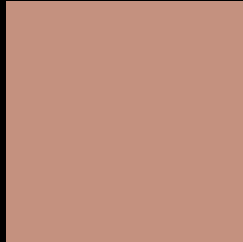
Large Text (above 18pt) WCAG AA × Fail

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 33.5189, 0.3871, 0.3534 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

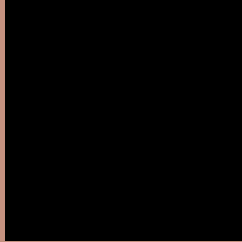
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 33.5189, 0.3871, 0.3534

Background



This preview shows how black text looks on a background with the Yxy color 33.5189, 0.3871, 0.3534.



This preview shows how white text looks on a background with the Yxy color 33.5189, 0.3871, 0.3534.

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

33.5189, 0.3871, 0.3534

Protanopia

33.8067, 0.3433, 0.3649

Deuteranopia

33.7069, 0.3715, 0.3644



Tritanopia

33.3225, 0.3633, 0.3146

Trichromacy



Original Color

33.5189, 0.3871, 0.3534

Protanomaly

33.6513, 0.3581, 0.3609

Deuteranomaly

33.6926, 0.3777, 0.3610

Tritanomaly

33.1995, 0.3719, 0.3278

Monochromacy



Original Color

33.5189, 0.3871, 0.3534

Achromatopsia

34.1914, 0.3127, 0.3290

Achromatomaly

33.6597, 0.3379, 0.3378

CSS Examples

Text

The CSS property to change the color of the text to Yxy 33.5189, 0.3871, 0.3534 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(196, 145, 127)` looks like.

```
.text, #text, p{  
    color:rgb(196, 145, 127)  
}
```

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(196, 145, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 145, 127) }
```

Border

The CSS property to change the border of an element to Yxy 33.5189, 0.3871, 0.3534 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(196, 145, 127) }
```

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

```
.border{ border-color:rgb(196, 145, 127) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 145, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 145, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 145, 127);  
box-shadow:4px 4px 4px 4px rgb(196, 145,  
127) }
```


Background

The CSS property to change the background color of an element to Yxy 33.5189, 0.3871, 0.3534 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 145, 127) }
```

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

```
.background{ background-color: rgb(196,  
145, 127) }
```

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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