

Converting Colors

$Yxy(35.3526, 0.3888, 0.3477)$

Have a look what the booklet for
Yxy(35.3526, 0.3888, 0.3477)
contains.

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Color

Yxy(35.3983, 0.3883, 0.3474)

Conversions

Conversions Part 1

Format	Color
Hex	CC9385
RGB	204, 147, 133
RGB Percent	80%, 58%, 52%
CMY	0.2000, 0.4235, 0.4785
CMYK	0.00, 0.28, 0.35, 0.20
HSL	12°, 41%, 66%
HSV	12°, 35%, 80%
XYZ	39.5658, 35.3983, 26.9308
YIQ	162.4470, 38.4660, 7.7300

Conversions

Conversions Part 2

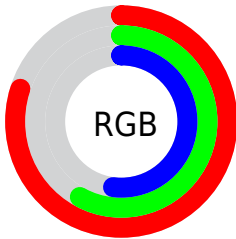
Format	Color
R _Y B	204, 150, 133
Decimal	13407109
CIE Lab	66.06, 19.64, 15.94
CIE LCh	66, 25.289, 39.059
Yxy	35.3983, 0.3883, 0.3474
Android (android.graphics.Color)	4291597189 (0xFFCC9385)
YUV	162.4470, -14.5174, 36.4420
Hunter-Lab	59.4965, 14.5856, 14.8102

Details

The Yxy color **35.3983, 0.3883, 0.3474** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **46.1532, 0.2614, 0.3095**, and the grayscale version is **36.4081, 0.3127, 0.3290**.

A 20% lighter version of the original color is **66.5785, 0.3676, 0.3447**, and **15.2862, 0.4135, 0.3520** is the 20% darker color. If you saturate the color by 10%, you get **30.1558, 0.4201, 0.3527**, and if you desaturate by 10%, it is **41.4780, 0.3614, 0.3419**.

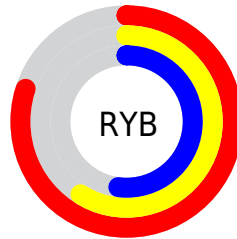
Distribution



Red (80%)

Green (58%)

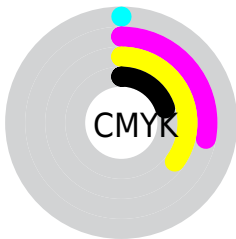
Blue (52%)



Red (80%)

Yellow (59%)

Blue (52%)

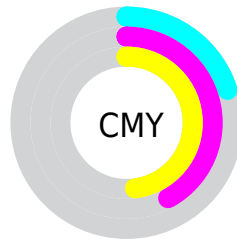


Cyan (0%)

Magenta (28%)

Yellow (35%)

Black (20%)



Cyan (20%)


Magenta (42%)

Yellow (48%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 35.3983, 0.3883, 0.3474 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 35.3983, 0.3883, 0.3474 by changing the saturation by 10% instead.


 35.3983, 0.3883,
0.3474

 35.3983, 0.3883,
0.3474


326.3229, 0.3484,
0.3389


 23.9699, 0.3989,
0.3492


 68.1023, 0.3733,
0.3445

 15.3113, 0.4129,
0.3513


 90.1467, 0.3678,
0.3434

 9.0381, 0.4322,
0.3536


 116.4985, 0.3632,
0.3424

 4.7661, 0.4603,
0.3557

147.5422, 0.3594,
0.3415

 2.1107, 0.5048,
0.3565

183.6620, 0.3560,
0.3407

 0.6706, 0.6312,
0.3688

225.2425, 0.3532,

 0.0000, 1.0000,

0.3401

0.0000

272.6680, 0.3506,
0.3395

0.0000, 0.0000,
0.0000

35.3983, 0.3883,
0.3474

35.3983, 0.3883,
0.3474

30.1558, 0.4201,
0.3527

41.4780, 0.3614,
0.3419

25.7086, 0.4568,
0.3571

48.4244, 0.3390,
0.3365

22.0189, 0.4972,
0.3599


56.2716, 0.3205,
0.3313

19.0435, 0.5387,
0.3601


65.0505, 0.3051,
0.3266

16.7348, 0.5769,
0.3570

74.7904, 0.2924,
0.3222

 15.0391, 0.6069,
0.3504

 85.4951, 0.2820,
0.3187

 14.3739, 0.6190,
0.3467

 91.5757, 0.2827,
0.3289

Harmonies

Analogous

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



35.3983, 0.3684, 0.3159



35.3983, 0.3883, 0.3474



35.3983, 0.3862, 0.3767

Triad

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



35.3983, 0.3883, 0.3474



35.3983, 0.2898, 0.3751



35.3983, 0.2617, 0.2662

Complementary

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



35.3983, 0.3883, 0.3474



46.1532, 0.2614, 0.3095

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.



35.3983, 0.2436, 0.2770



35.3983, 0.3883, 0.3474



35.3983, 0.2590, 0.3394

Square

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



35.3983, 0.3883, 0.3474



35.3983, 0.3280, 0.3963



35.3983, 0.2426, 0.3030



35.3983, 0.2938, 0.2708

Rectangle

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



35.3983, 0.3883, 0.3474



35.3983, 0.3730, 0.3911



35.3983, 0.2426, 0.3030



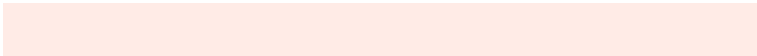
35.3983, 0.2539, 0.2681

Sweetspot

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



35.4000, 0.3883, 0.3474



86.0978, 0.3299, 0.3340



33.3663, 0.3296, 0.2576



18.0372, 0.3326, 0.3348



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.



35.4000, 0.3883, 0.3474



51.7937, 0.4125, 0.3515



47.7815, 0.3734, 0.3899



11.5666, 0.3285, 0.3336



9.1539, 0.6169, 0.3484



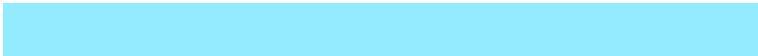
0.5809, 0.5796, 0.3780

Inverse Universe

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



46.1532, 0.2614, 0.3095



72.2604, 0.2513, 0.3045



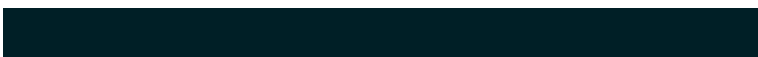
32.9429, 0.2547, 0.2592



12.3357, 0.2983, 0.3243



19.5191, 0.2069, 0.2649



1.1055, 0.2108, 0.2788

Previews

White Background



This preview shows how the Yxy color 35.3983, 0.3883, 0.3474 looks on a white background.

Color Contrast Check

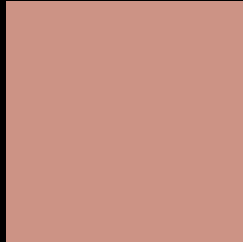
Large Text (above 18pt) WCAG AA × Fail

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 35.3983, 0.3883, 0.3474 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

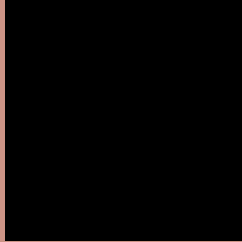
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 35.3983, 0.3883, 0.3474

Background



This preview shows how black text looks on a background with the Yxy color 35.3983, 0.3883, 0.3474.



This preview shows how white text looks on a background with the Yxy color 35.3983, 0.3883, 0.3474.

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

35.3983, 0.3883, 0.3474

Protanopia

35.4701, 0.3400, 0.3582

Deuteranopia

35.6734, 0.3680, 0.3609



Tritanopia

35.4349, 0.3677, 0.3151

Trichromacy



Original Color

35.3983, 0.3883, 0.3474

Protanomaly

35.1939, 0.3578, 0.3544

Deuteranomaly

35.4599, 0.3755, 0.3562

Tritanomaly

35.3365, 0.3750, 0.3266

Monochromacy



Original Color

35.3983, 0.3883, 0.3474

Achromatopsia

36.1307, 0.3127, 0.3290

Achromatomaly

35.6954, 0.3383, 0.3375

CSS Examples

Text

The CSS property to change the color of the text to Yxy 35.3983, 0.3883, 0.3474 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(204, 147, 133)` looks like.

```
.text, #text, p{  
    color:rgb(204, 147, 133)  
}
```

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(204, 147, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 147, 133) }
```

Border

The CSS property to change the border of an element to Yxy 35.3983, 0.3883, 0.3474 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(204, 147, 133) }
```

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

```
.border{ border-color:rgb(204, 147, 133) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 147, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 147, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 147, 133);  
box-shadow:4px 4px 4px 4px rgb(204, 147,  
133) }
```


Background

The CSS property to change the background color of an element to Yxy 35.3983, 0.3883, 0.3474 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 147, 133) }
```

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

```
.background{ background-color: rgb(204,  
147, 133) }
```

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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