

Converting Colors

Yxy(44.5457, 0.3398, 0.3330)

Have a look what the booklet for
Yxy(44.5457, 0.3398, 0.3330)
contains.

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Color

Yxy(44.5117, 0.3400, 0.3329)

Conversions

Conversions Part 1

Format	Color
Hex	C7ACA9
RGB	199, 172, 169
RGB Percent	78%, 67%, 66%
CMY	0.2197, 0.3254, 0.3372
CMYK	0.00, 0.14, 0.15, 0.22
HSL	6°, 21%, 72%
HSV	6°, 15%, 78%
XYZ	45.4610, 44.5117, 43.7362
YIQ	179.7310, 17.0550, 4.7910

Conversions

Conversions Part 2

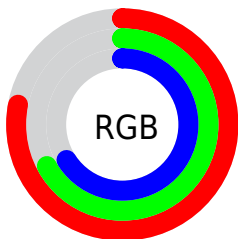
Format	Color
R _Y B	199, 172, 169
Decimal	13085865
CIE Lab	72.57, 9.26, 5.14
CIE LCh	73, 10.590, 29.024
Yxy	44.5117, 0.3400, 0.3329
Android (android.graphics.Color)	4291275945 (0xFFC7ACA9)
YUV	179.7310, -5.2904, 16.8989
Hunter-Lab	66.7171, 4.8750, 7.8346

Details

The Yxy color $44.5117, 0.3400, 0.3329$ is a light color, and the websafe version is hex `CC9999`. A complement of this color would be $52.0201, 0.2900, 0.3251$, and the grayscale version is $45.5117, 0.3127, 0.3290$.

A 20% lighter version of the original color is $81.5800, 0.3344, 0.3321$, and $20.7370, 0.3483, 0.3343$ is the 20% darker color. If you saturate the color by 10%, you get $37.4606, 0.3634, 0.3357$, and if you desaturate by 10%, it is $52.5983, 0.3209, 0.3303$.

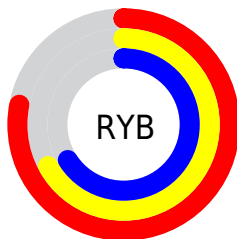
Distribution



Red (78%)

Green (67%)

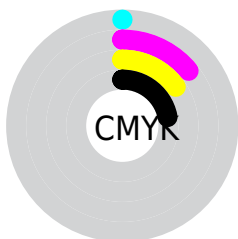
Blue (66%)



Red (78%)

Yellow (67%)

Blue (66%)

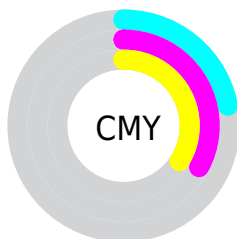


Cyan (0%)

Magenta (14%)

Yellow (15%)

Black (22%)



Cyan (22%)


Magenta (33%)


Yellow (34%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 44.5117, 0.3400, 0.3329 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 44.5117, 0.3400, 0.3329 by changing the saturation by 10% instead.


 44.5117, 0.3400,
0.3329

 44.5117, 0.3400,
0.3329


364.7923, 0.3262,
0.3311

 31.0730, 0.3435,
0.3333


 81.9872, 0.3349,
0.3323

 20.6544, 0.3481,
0.3338

106.7927, 0.3330,
0.3320

 12.8716, 0.3542,
0.3345


136.1560, 0.3315,
0.3318

 7.3402, 0.3628,
0.3353

170.4614, 0.3301,
0.3316

 3.6758, 0.3761,
0.3363

210.0934, 0.3289,
0.3315

 1.4939, 0.3986,
0.3374

255.4362, 0.3279,

 0.2844, 0.6357,

0.3313

0.3643

306.8744, 0.3270,
0.3312

0.0000, 0.0000,
0.0000

44.5117, 0.3400,
0.3329

44.5117, 0.3400,
0.3329

37.4606, 0.3634,
0.3357

52.5983, 0.3209,
0.3303

31.3975, 0.3920,
0.3385

61.7536, 0.3055,
0.3278

26.2799, 0.4264,
0.3412

72.0167, 0.2928,
0.3256

22.0602, 0.4664,
0.3434

83.4230, 0.2825,
0.3236

18.6864, 0.5105,
0.3445

90.8775, 0.2800,
0.3289

■ 16.1012, 0.5552,
0.3441

■ 14.2402, 0.5946,
0.3417

■ 13.0287, 0.6227,
0.3376

■ 12.6366, 0.6326,
0.3359

Harmonies

Analogous

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



44.5117, 0.3302, 0.3201



44.5117, 0.3400, 0.3329



44.5117, 0.3423, 0.3451

Triad

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



44.5117, 0.3400, 0.3329



44.5117, 0.3091, 0.3496



44.5117, 0.2893, 0.3048

Complementary

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



44.5117, 0.3400, 0.3329



52.0201, 0.2900, 0.3251

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.



44.5117, 0.2840, 0.3120



44.5117, 0.3400, 0.3329



44.5117, 0.2953, 0.3380

Square

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



44.5117, 0.3400, 0.3329



44.5117, 0.3242, 0.3552



44.5117, 0.2862, 0.3241



44.5117, 0.3009, 0.3041

Rectangle

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



44.5117, 0.3400, 0.3329



44.5117, 0.3392, 0.3513



44.5117, 0.2862, 0.3241



44.5117, 0.2868, 0.3065

Sweetspot

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



44.5137, 0.3400, 0.3329



92.1043, 0.3210, 0.3303



44.5015, 0.3170, 0.2957



19.4849, 0.3222, 0.3304



0.0000, 0.0000, 0.0000



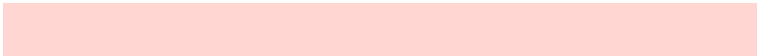
21.4041, 0.3127, 0.3290

Same Dimension

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



44.5137, 0.3400, 0.3329



73.8127, 0.3470, 0.3338



50.5363, 0.3372, 0.3516



10.8053, 0.3287, 0.3314



8.1895, 0.6312, 0.3370



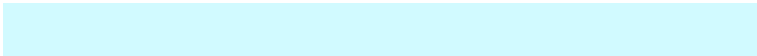
0.4475, 0.6048, 0.3580

Inverse Universe

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



52.0201, 0.2900, 0.3251



89.4064, 0.2853, 0.3242



45.6029, 0.2892, 0.3054



11.8786, 0.2984, 0.3266



23.4643, 0.2160, 0.2975



1.1649, 0.2180, 0.3046

Previews

White Background



This preview shows how the Yxy color 44.5117, 0.3400, 0.3329 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 44.5117, 0.3400, 0.3329 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 44.5117, 0.3400, 0.3329

Background



This preview shows how black text looks on a background with the Yxy color 44.5117, 0.3400, 0.3329.



This preview shows how white text looks on a background with the Yxy color 44.5117, 0.3400, 0.3329.

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

44.5117, 0.3400, 0.3329

Protanopia

44.4901, 0.3221, 0.3356

Deuteranopia

44.5117, 0.3400, 0.3329



Tritanopia

44.5859, 0.3298, 0.3128

Trichromacy



Original Color

44.5117, 0.3400, 0.3329

Protanomaly

44.4190, 0.3286, 0.3343

Deuteranomaly

44.5117, 0.3400, 0.3329

Tritanomaly

44.6195, 0.3332, 0.3203

Monochromacy



Original Color

44.5117, 0.3400, 0.3329

Achromatopsia

45.6411, 0.3127, 0.3290

Achromatomaly

45.1437, 0.3223, 0.3303

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.5117, 0.3400, 0.3329 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(199, 172, 169)` looks like.

```
.text, #text, p{  
    color:rgb(199, 172, 169)  
}
```

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(199, 172, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 172, 169) }
```

Border

The CSS property to change the border of an element to Yxy 44.5117, 0.3400, 0.3329 is called "border". The border property can be set on classes, ids or directly on the HTML element.

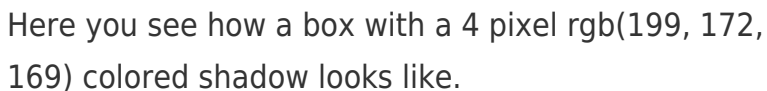
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(199, 172, 169) }
```

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

```
.border{ border-color:rgb(199, 172, 169) }
```

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



Here you see how a box with a 4 pixel `rgb(199, 172, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(199, 172, 169); -webkit-box-shadow:4px 4px 4px 4px rgb(199, 172, 169); box-shadow:4px 4px 4px 4px rgb(199, 172, 169) }
```


Background

The CSS property to change the background color of an element to Yxy 44.5117, 0.3400, 0.3329 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 172, 169) }
```

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

```
.background{ background-color: rgb(199,  
172, 169) }
```

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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