

Converting Colors

$Y_{xy}(45.4899, 0.3435, 0.3375)$

Have a look what the booklet for
Yxy(45.4899, 0.3435, 0.3375)
contains.

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Color

Yxy(45.4796, 0.3433, 0.3379)

Conversions

Conversions Part 1

Format	Color
Hex	C9AEA7
RGB	201, 174, 167
RGB Percent	79%, 68%, 65%
CMY	0.2116, 0.3177, 0.3450
CMYK	0.00, 0.13, 0.17, 0.21
HSL	12°, 24%, 72%
HSV	12°, 17%, 79%
XYZ	46.2064, 45.4796, 42.9088
YIQ	181.2750, 18.3390, 3.5470

Conversions

Conversions Part 2

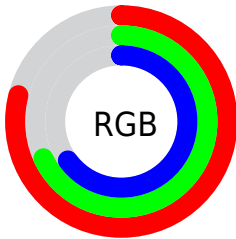
Format	Color
R _Y B	201, 176, 167
Decimal	13217447
CIE Lab	73.21, 8.64, 7.17
CIE LCh	73, 11.229, 39.706
Yxy	45.4796, 0.3433, 0.3379
Android (android.graphics.Color)	4291407527 (0xFFC9AEA7)
YUV	181.2750, -7.0376, 17.2988
Hunter-Lab	67.4386, 4.2841, 9.4828

Details

The Yxy color **45.4796, 0.3433, 0.3379** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **51.0457, 0.2870, 0.3199**, and the grayscale version is **46.3996, 0.3127, 0.3290**.

A 20% lighter version of the original color is **82.5725, 0.3355, 0.3360**, and **21.3599, 0.3527, 0.3411** is the 20% darker color. If you saturate the color by 10%, you get **38.9834, 0.3665, 0.3436**, and if you desaturate by 10%, it is **52.8302, 0.3241, 0.3325**.

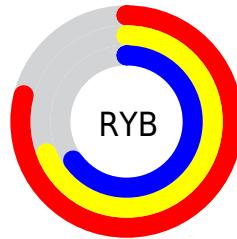
Distribution



Red (79%)

Green (68%)

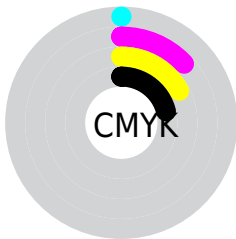
Blue (65%)



Red (79%)

Yellow (69%)

Blue (65%)

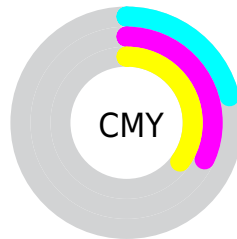


Cyan (0%)

Magenta (13%)

Yellow (17%)

Black (21%)



Cyan (21%)


Magenta (32%)


Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 45.4796, 0.3433, 0.3379 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 45.4796, 0.3433, 0.3379 by changing the saturation by 10% instead.


 45.4796, 0.3433,
0.3379

 45.4796, 0.3433,
0.3379


368.7125, 0.3279,
0.3336

 31.8354, 0.3472,
0.3389


 83.4396, 0.3376,
0.3364

 21.2358, 0.3523,
0.3402


 108.5242, 0.3355,
0.3358

 13.2965, 0.3590,
0.3418


138.1910, 0.3338,
0.3353

 7.6330, 0.3686,
0.3440

172.8245, 0.3322,
0.3349

 3.8610, 0.3831,
0.3470

212.8090, 0.3309,
0.3345

 1.5961, 0.4075,
0.3513

258.5289, 0.3298,

 0.3550, 0.6070,

0.3342

0.3930

310.3686, 0.3288,
0.3339

0.0000, 0.0000,
0.0000

45.4796, 0.3433,
0.3379

45.4796, 0.3433,
0.3379

38.9834, 0.3665,
0.3436

52.8302, 0.3241,
0.3325

33.3043, 0.3942,
0.3493

61.0584, 0.3081,
0.3275

28.4117, 0.4269,
0.3546

70.1941, 0.2949,
0.3229

24.2703, 0.4641,
0.3589

80.2641, 0.2839,
0.3187

20.8423, 0.5047,
0.3614

90.4603, 0.2810,
0.3278

■ 18.0865, 0.5456,
0.3611

■ 91.1624, 0.2811,
0.3289

■ 15.9570, 0.5823,
0.3572

■ 14.4011, 0.6103,
0.3500

■ 14.0239, 0.6176,
0.3478

Harmonies

Analogous

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



45.4796, 0.3356, 0.3242



45.4796, 0.3433, 0.3379



45.4796, 0.3426, 0.3497

Triad

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



45.4796, 0.3433, 0.3379



45.4796, 0.3034, 0.3469



45.4796, 0.2918, 0.3025

Complementary

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



45.4796, 0.3433, 0.3379



51.0457, 0.2870, 0.3199

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.



45.4796, 0.2837, 0.3077



45.4796, 0.3433, 0.3379



45.4796, 0.2902, 0.3333

Square

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



45.4796, 0.3433, 0.3379



45.4796, 0.3192, 0.3554



45.4796, 0.2831, 0.3189



45.4796, 0.3056, 0.3042

Rectangle

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



45.4796, 0.3433, 0.3379



45.4796, 0.3374, 0.3548



45.4796, 0.2831, 0.3189



45.4796, 0.2883, 0.3035

Sweetspot

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



45.4816, 0.3433, 0.3379



92.9087, 0.3209, 0.3316



43.9707, 0.3204, 0.2955



19.6797, 0.3221, 0.3319



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.



45.4816, 0.3433, 0.3379



73.9450, 0.3506, 0.3398



52.4001, 0.3399, 0.3586



10.9834, 0.3284, 0.3338



8.9214, 0.6153, 0.3496



0.5286, 0.5751, 0.3816

Inverse Universe

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



51.0457, 0.2870, 0.3199



85.0853, 0.2820, 0.3180



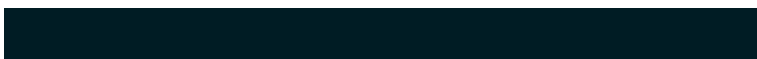
43.9674, 0.2860, 0.2976



11.6839, 0.2984, 0.3242



18.5461, 0.2062, 0.2624



0.9742, 0.2105, 0.2778

Previews

White Background



This preview shows how the Yxy color 45.4796, 0.3433, 0.3379 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 45.4796, 0.3433, 0.3379 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

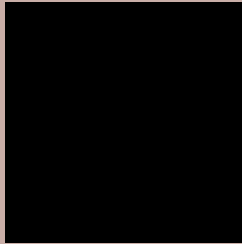
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 45.4796, 0.3433, 0.3379

Background



This preview shows how black text looks on a background with the Yxy color 45.4796, 0.3433, 0.3379.



This preview shows how white text looks on a background with the Yxy color 45.4796, 0.3433, 0.3379.

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

45.4796, 0.3433, 0.3379

Protanopia

45.4568, 0.3253, 0.3409

Deuteranopia

45.6187, 0.3442, 0.3379



Tritanopia

45.3251, 0.3298, 0.3117

Trichromacy



Original Color

45.4796, 0.3433, 0.3379

Protanomaly

45.3852, 0.3318, 0.3394

Deuteranomaly

45.6187, 0.3442, 0.3379

Tritanomaly

45.2760, 0.3349, 0.3216

Monochromacy



Original Color

45.4796, 0.3433, 0.3379

Achromatopsia

46.2077, 0.3127, 0.3290

Achromatomaly

45.6667, 0.3231, 0.3316

CSS Examples

Text

The CSS property to change the color of the text to Yxy 45.4796, 0.3433, 0.3379 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(201, 174, 167)` looks like.

```
.text, #text, p{  
    color:rgb(201, 174, 167)  
}
```

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(201, 174, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 174, 167) }
```

Border

The CSS property to change the border of an element to Yxy 45.4796, 0.3433, 0.3379 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(201, 174, 167) }
```

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

```
.border{ border-color:rgb(201, 174, 167) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 174, 167)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 174, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 174, 167);  
box-shadow:4px 4px 4px 4px rgb(201, 174,  
167) }
```


Background

The CSS property to change the background color of an element to Yxy 45.4796, 0.3433, 0.3379 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 174, 167) }
```

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

```
.background{ background-color: rgb(201,  
174, 167) }
```

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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