

Converting Colors

$Yxy(45.0833, 0.3392, 0.3409)$

Have a look what the booklet for
Yxy(45.0833, 0.3392, 0.3409)
contains.

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Color

Yxy(45.1489, 0.3393, 0.3406)

Conversions

Conversions Part 1

Format	Color
Hex	C4AFA6
RGB	196, 175, 166
RGB Percent	77%, 69%, 65%
CMY	0.2314, 0.3137, 0.3489
CMYK	0.00, 0.11, 0.15, 0.23
HSL	18°, 20%, 71%
HSV	18°, 15%, 77%
XYZ	44.9766, 45.1489, 42.4315
YIQ	180.2530, 15.4050, 1.6530

Conversions

Conversions Part 2

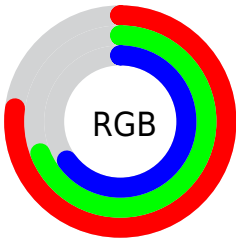
Format	Color
RYB	196, 179, 166
Decimal	12890022
CIELab	72.99, 6.05, 7.35
CIELCh	73, 9.518, 50.509
Yxy	45.1489, 0.3393, 0.3406
Android (android.graphics.Color)	4291080102 (0xFFC4AFA6)
YUV	180.2530, -7.0267, 13.8101
Hunter-Lab	67.1929, 1.8940, 9.5942

Details

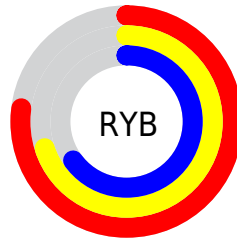
The Yxy color **45.1489, 0.3393, 0.3406** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **47.6357, 0.2893, 0.3171**, and the grayscale version is **45.8180, 0.3127, 0.3290**.

A 20% lighter version of the original color is **83.2549, 0.3345, 0.3391**, and **21.1316, 0.3472, 0.3448** is the 20% darker color. If you saturate the color by 10%, you get **39.4122, 0.3608, 0.3487**, and if you desaturate by 10%, it is **51.5420, 0.3211, 0.3329**.

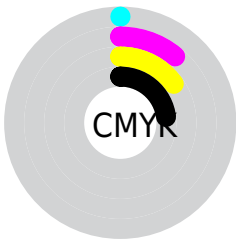
Distribution



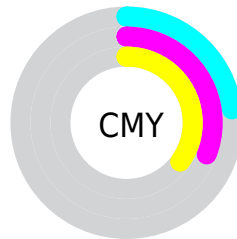
- Red (77%)
- Green (69%)
- Blue (65%)



- Red (77%)
- Yellow (70%)
- Blue (65%)



- Cyan (0%)
- Magenta (11%)
- Yellow (15%)
- Black (23%)





- Cyan (23%)
- Magenta (31%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 45.1489, 0.3393, 0.3406 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 45.1489, 0.3393, 0.3406 by changing the saturation by 10% instead.


 45.1489, 0.3393,
0.3406


 45.1489, 0.3393,
0.3406


367.3763, 0.3259,
0.3349

 31.5747, 0.3427,
0.3420


 82.9438, 0.3344,
0.3386

 21.0369, 0.3471,
0.3438


 107.9333, 0.3325,
0.3378

 13.1510, 0.3530,
0.3461


137.4968, 0.3310,
0.3371

 7.5326, 0.3613,
0.3492

172.0185, 0.3297,
0.3366

 3.7973, 0.3739,
0.3538

211.8829, 0.3285,
0.3361

 1.5609, 0.3953,
0.3608

257.4744, 0.3275,

 0.3310, 0.5828,

0.3356

0.4172

309.1774, 0.3266,
0.3352

0.0000, 0.0000,
0.0000

45.1489, 0.3393,
0.3406

45.1489, 0.3393,
0.3406

39.4122, 0.3608,
0.3487

51.5420, 0.3211,
0.3329

34.3049, 0.3861,
0.3570

58.6057, 0.3058,
0.3257

29.8068, 0.4154,
0.3649

66.3610, 0.2929,
0.3191

25.8942, 0.4486,
0.3718

74.8265, 0.2820,
0.3130

22.5419, 0.4846,
0.3767

83.4253, 0.2774,
0.3168

■ 19.7228, 0.5216,
0.3783

■ 90.4738, 0.2784,
0.3289

■ 17.4071, 0.5563,
0.3757

■ 15.5614, 0.5851,
0.3684

■ 14.8377, 0.5969,
0.3643

Harmonies

Analogous

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



45.1489, 0.3352, 0.3292



45.1489, 0.3393, 0.3406



45.1489, 0.3361, 0.3493

Triad

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



45.1489, 0.3393, 0.3406



45.1489, 0.3003, 0.3404



45.1489, 0.2987, 0.3062

Complementary

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



45.1489, 0.3393, 0.3406



47.6357, 0.2893, 0.3171

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.



45.1489, 0.2898, 0.3086



45.1489, 0.3393, 0.3406



45.1489, 0.2907, 0.3282

Square

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



45.1489, 0.3393, 0.3406



45.1489, 0.3134, 0.3494



45.1489, 0.2869, 0.3166



45.1489, 0.3116, 0.3097

Rectangle

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



45.1489, 0.3393, 0.3406



45.1489, 0.3303, 0.3522



45.1489, 0.2869, 0.3166



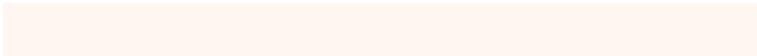
45.1489, 0.2952, 0.3064

Sweetspot

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



45.1509, 0.3393, 0.3406



93.6418, 0.3208, 0.3327



42.6242, 0.3218, 0.3019



19.8574, 0.3220, 0.3333



0.0000, 0.0000, 0.0000



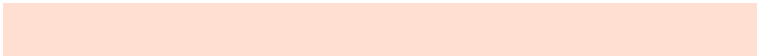
21.4041, 0.3127, 0.3290

Same Dimension

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



45.1509, 0.3393, 0.3406



78.5706, 0.3454, 0.3430



51.0958, 0.3366, 0.3586



10.5593, 0.3282, 0.3360



9.6687, 0.5944, 0.3662



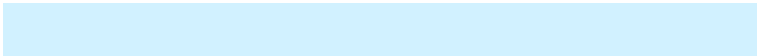
0.5416, 0.5493, 0.4021

Inverse Universe

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



47.6357, 0.2893, 0.3171



83.8408, 0.2848, 0.3146



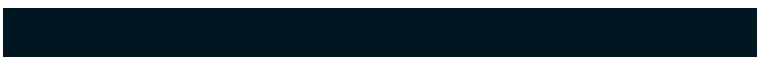
41.7962, 0.2886, 0.2975



10.9020, 0.2984, 0.3219



14.2552, 0.1970, 0.2293



0.7318, 0.2039, 0.2542

Previews

White Background



This preview shows how the Yxy color 45.1489, 0.3393, 0.3406 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 45.1489, 0.3393, 0.3406 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

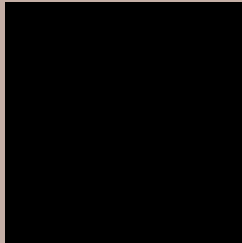
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 45.1489, 0.3393, 0.3406

Background



This preview shows how black text looks on a background with the Yxy color 45.1489, 0.3393, 0.3406.

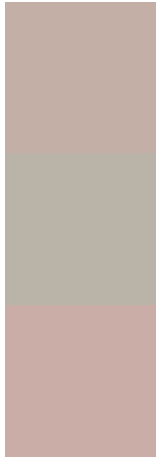


This preview shows how white text looks on a background with the Yxy color 45.1489, 0.3393, 0.3406.

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

45.1489, 0.3393, 0.3406

Protanopia

45.3816, 0.3270, 0.3435

Deuteranopia

45.0578, 0.3444, 0.3380



Tritanopia

45.1923, 0.3252, 0.3116

Trichromacy



Original Color

45.1489, 0.3393, 0.3406

Protanomaly

45.4496, 0.3316, 0.3434

Deuteranomaly

45.1674, 0.3423, 0.3393

Tritanomaly

45.1476, 0.3302, 0.3215

Monochromacy



Original Color

45.1489, 0.3393, 0.3406

Achromatopsia

45.6411, 0.3127, 0.3290

Achromatomaly

45.3750, 0.3222, 0.3329

CSS Examples

Text

The CSS property to change the color of the text to Yxy 45.1489, 0.3393, 0.3406 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, 175, 166)` looks like.

```
.text, #text, p{  
    color:rgb(196, 175, 166)  
}
```

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, 175, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 175, 166) }
```

Border

The CSS property to change the border of an element to Yxy 45.1489, 0.3393, 0.3406 is called "border". The border property can be set on classes, ids or directly on the HTML element.

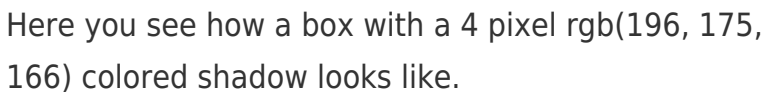
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(196, 175, 166) }
```

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

```
.border{ border-color:rgb(196, 175, 166) }
```

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



Here you see how a box with a 4 pixel `rgb(196, 175, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(196, 175, 166); -webkit-box-shadow:4px 4px 4px 4px rgb(196, 175, 166); box-shadow:4px 4px 4px 4px rgb(196, 175, 166) }
```


Background

The CSS property to change the background color of an element to Yxy 45.1489, 0.3393, 0.3406 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 175, 166) }
```

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

```
.background{ background-color: rgb(196,  
175, 166) }
```

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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