

Converting Colors

$Y_{xy}(45.3879, 0.3452, 0.3284)$

Have a look what the booklet for
Yxy(45.3879, 0.3452, 0.3284)
contains.

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Color

Yxy(45.3698, 0.3450, 0.3279)

Conversions

Conversions Part 1

Format	Color
Hex	CFABAC
RGB	207, 171, 172
RGB Percent	81%, 67%, 67%
CMY	0.1883, 0.3294, 0.3256
CMYK	0.00, 0.17, 0.17, 0.19
HSL	358°, 27%, 74%
HSV	358°, 17%, 81%
XYZ	47.7358, 45.3698, 45.2591
YIQ	181.8780, 21.1350, 7.9430

Conversions

Conversions Part 2

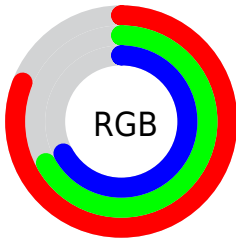
Format	Color
R _Y B	207, 171, 172
Decimal	13609900
CIE Lab	73.13, 13.24, 4.42
CIE LCh	73, 13.957, 18.462
Yxy	45.3698, 0.3450, 0.3279
Android (android.graphics.Color)	4291799980 (0xFFCFABAC)
YUV	181.8780, -4.8699, 22.0320
Hunter-Lab	67.3571, 8.6276, 7.3114

Details

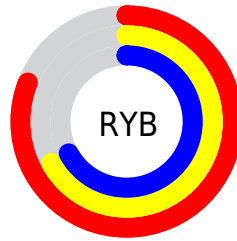
The Yxy color **45.3698, 0.3450, 0.3279** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **57.7338, 0.2873, 0.3301**, and the grayscale version is **46.7273, 0.3127, 0.3290**.

A 20% lighter version of the original color is **81.1988, 0.3325, 0.3281**, and **21.2251, 0.3538, 0.3275** is the 20% darker color. If you saturate the color by 10%, you get **37.4382, 0.3701, 0.3272**, and if you desaturate by 10%, it is **54.6473, 0.3249, 0.3286**.

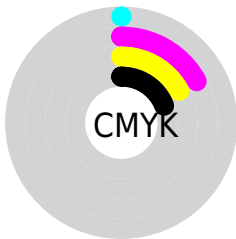
Distribution



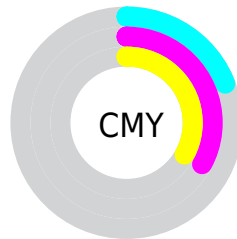
- Red (81%)
- Green (67%)
- Blue (67%)



- Red (81%)
- Yellow (67%)
- Blue (67%)



- Cyan (0%)
- Magenta (17%)
- Yellow (17%)
- Black (19%)





- Cyan (19%)
- Magenta (33%)
- Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 45.3698, 0.3450, 0.3279 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 45.3698, 0.3450, 0.3279 by changing the saturation by 10% instead.


 45.3698, 0.3450,
0.3279

 45.3698, 0.3450,
0.3279


368.2692, 0.3287,
0.3286

 31.7488, 0.3491,
0.3277


 83.2751, 0.3390,
0.3282

 21.1697, 0.3545,
0.3273


108.3281, 0.3368,
0.3283

 13.2481, 0.3616,
0.3268


137.9606, 0.3349,
0.3284

 7.5996, 0.3717,
0.3260

172.5570, 0.3333,
0.3285

 3.8398, 0.3870,
0.3246

212.5017, 0.3319,
0.3285

 1.5844, 0.4128,
0.3216

258.1790, 0.3307,

 0.3470, 0.6109,

0.3286

0.3247

309.9734, 0.3296,
0.3286

0.0000, 0.0000,
0.0000

45.3698, 0.3450,
0.3279

45.3698, 0.3450,
0.3279

37.4382, 0.3701,
0.3272

54.6473, 0.3249,
0.3286

30.7841, 0.4011,
0.3266

65.3224, 0.3088,
0.3292

25.3428, 0.4386,
0.3261

77.4520, 0.2959,
0.3297

21.0410, 0.4821,
0.3258

91.0878, 0.2856,
0.3302

17.7979, 0.5293,
0.3258

92.0029, 0.2844,
0.3289

■ 15.5219, 0.5748,
0.3264

■ 14.1060, 0.6116,
0.3274

■ 13.4045, 0.6337,
0.3287

■ 13.2750, 0.6376,
0.3286

Harmonies

Analogous

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



45.3698, 0.3294, 0.3120



45.3698, 0.3450, 0.3279



45.3698, 0.3517, 0.3445

Triad

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



45.3698, 0.3450, 0.3279



45.3698, 0.3149, 0.3599



45.3698, 0.2787, 0.2998

Complementary

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



45.3698, 0.3450, 0.3279



57.7338, 0.2873, 0.3301

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.



45.3698, 0.2752, 0.3116



45.3698, 0.3450, 0.3279



45.3698, 0.2957, 0.3468

Square

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



45.3698, 0.3450, 0.3279



45.3698, 0.3340, 0.3638



45.3698, 0.2813, 0.3288



45.3698, 0.2911, 0.2960

Rectangle

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



45.3698, 0.3450, 0.3279



45.3698, 0.3501, 0.3540



45.3698, 0.2813, 0.3288



45.3698, 0.2765, 0.3029

Sweetspot

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



45.3718, 0.3450, 0.3279



91.3596, 0.3209, 0.3287



46.7263, 0.3137, 0.2862



19.3048, 0.3221, 0.3287



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.



45.3718, 0.3450, 0.3279



67.5497, 0.3541, 0.3276



52.0845, 0.3424, 0.3496



11.8133, 0.3286, 0.3284



8.3677, 0.6369, 0.3282



0.4697, 0.6266, 0.3226

Inverse Universe

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



45.3718, 0.3450, 0.3279



67.5497, 0.3541, 0.3276



50.0762, 0.2857, 0.3075



11.8133, 0.3286, 0.3284



8.3677, 0.6369, 0.3282



0.4697, 0.6266, 0.3226

Previews

White Background



This preview shows how the Yxy color 45.3698, 0.3450, 0.3279 looks on a white background.

Color Contrast Check

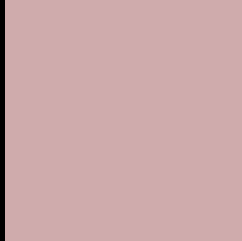
Large Text (above 18pt) WCAG AA × Fail

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 45.3698, 0.3450, 0.3279 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

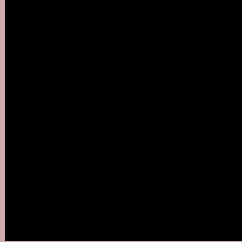
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 45.3698, 0.3450, 0.3279

Background



This preview shows how black text looks on a background with the Yxy color 45.3698, 0.3450, 0.3279.



This preview shows how white text looks on a background with the Yxy color 45.3698, 0.3450, 0.3279.

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

45.3698, 0.3450, 0.3279

Protanopia

45.5651, 0.3195, 0.3329

Deuteranopia

45.4917, 0.3388, 0.3329



Tritanopia

45.2047, 0.3364, 0.3120

Trichromacy



Original Color

45.3698, 0.3450, 0.3279

Protanomaly

45.3523, 0.3278, 0.3303

Deuteranomaly

45.5239, 0.3418, 0.3316

Tritanomaly

45.4140, 0.3398, 0.3180

Monochromacy



Original Color

45.3698, 0.3450, 0.3279

Achromatopsia

46.7784, 0.3127, 0.3290

Achromatomaly

46.1315, 0.3241, 0.3290

CSS Examples

Text

The CSS property to change the color of the text to Yxy 45.3698, 0.3450, 0.3279 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(207, 171, 172)` looks like.

```
.text, #text, p{  
    color:rgb(207, 171, 172)  
}
```

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(207, 171, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 171, 172) }
```

Border

The CSS property to change the border of an element to Yxy 45.3698, 0.3450, 0.3279 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(207, 171, 172) }
```

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

```
.border{ border-color:rgb(207, 171, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 171, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 171, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 171, 172);  
box-shadow:4px 4px 4px 4px rgb(207, 171,  
172) }
```


Background

The CSS property to change the background color of an element to Yxy 45.3698, 0.3450, 0.3279 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 171, 172) }
```

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

```
.background{ background-color: rgb(207,  
171, 172) }
```

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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