

Converting Colors

$Y_{xy}(45.7913, 0.3406, 0.3270)$

Have a look what the booklet for
Yxy(45.7913, 0.3406, 0.3270)
contains.

Yxy(45.9223, 0.3410, 0.3278)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(45.9223, 0.3410, 0.3278)

Conversions

Conversions Part 1

Format	Color
Hex	CDADAE
RGB	205, 173, 174
RGB Percent	80%, 68%, 68%
CMY	0.1959, 0.3216, 0.3176
CMYK	0.00, 0.16, 0.15, 0.20
HSL	358°, 24%, 74%
HSV	358°, 16%, 80%
XYZ	47.7715, 45.9223, 46.3986
YIQ	182.6820, 18.7510, 7.0950

Conversions

Conversions Part 2

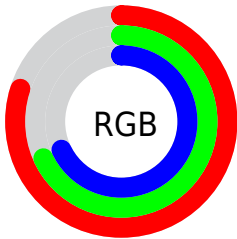
Format	Color
R _Y B	205, 173, 174
Decimal	13479342
CIE Lab	73.50, 11.78, 3.80
CIE LCh	73, 12.382, 17.867
Yxy	45.9223, 0.3410, 0.3278
Android (android.graphics.Color)	4291669422 (0xFFCDADAE)
YUV	182.6820, -4.2802, 19.5729
Hunter-Lab	67.7660, 7.2428, 6.8410

Details

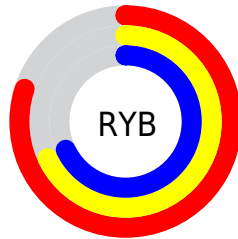
The Yxy color **45.9223, 0.3410, 0.3278** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **56.9291, 0.2899, 0.3302**, and the grayscale version is **47.1907, 0.3127, 0.3290**.

A 20% lighter version of the original color is **82.4039, 0.3309, 0.3281**, and **21.5639, 0.3481, 0.3274** is the 20% darker color. If you saturate the color by 10%, you get **37.9378, 0.3650, 0.3270**, and if you desaturate by 10%, it is **55.2321, 0.3218, 0.3286**.

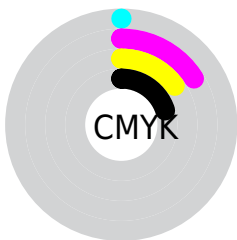
Distribution



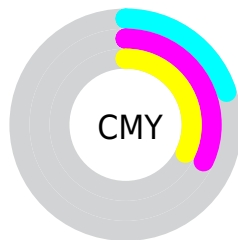
- Red (80%)
- Green (68%)
- Blue (68%)



- Red (80%)
- Yellow (68%)
- Blue (68%)



- Cyan (0%)
- Magenta (16%)
- Yellow (15%)
- Black (20%)




- Cyan (20%)
- Magenta (32%)
- Yellow (32%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 45.9223, 0.3410, 0.3278 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 45.9223, 0.3410, 0.3278 by changing the saturation by 10% instead.


 45.9223, 0.3410,
0.3278

 45.9223, 0.3410,
0.3278


370.4962, 0.3268,
0.3285

 32.1845, 0.3446,
0.3276


 84.1027, 0.3358,
0.3281

 21.5025, 0.3492,
0.3273


109.3141, 0.3339,
0.3282

 13.4918, 0.3554,
0.3268


139.1188, 0.3322,
0.3283

 7.7681, 0.3642,
0.3261

173.9013, 0.3308,
0.3284

 3.9469, 0.3774,
0.3248

214.0458, 0.3296,
0.3284

 1.6439, 0.3997,
0.3223

259.9369, 0.3285,

 0.3869, 0.5471,

0.3285

0.3230

311.9589, 0.3276,
0.3285

0.0000, 0.0000,
0.0000

45.9223, 0.3410,
0.3278

45.9223, 0.3410,
0.3278

37.9378, 0.3650,
0.3270

55.2321, 0.3218,
0.3286

31.2124, 0.3947,
0.3262

65.9170, 0.3064,
0.3293

25.6839, 0.4308,
0.3255

78.0318, 0.2941,
0.3300

21.2821, 0.4731,
0.3250

91.6233, 0.2841,
0.3306

17.9295, 0.5197,
0.3250

91.7261, 0.2833,
0.3289

■ 15.5389, 0.5659,
0.3255

■ 14.0091, 0.6049,
0.3266

■ 13.2155, 0.6302,
0.3282

■ 13.0006, 0.6371,
0.3283

Harmonies

Analogous

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



45.9223, 0.3271, 0.3137



45.9223, 0.3410, 0.3278



45.9223, 0.3471, 0.3426

Triad

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



45.9223, 0.3410, 0.3278



45.9223, 0.3151, 0.3563



45.9223, 0.2825, 0.3033

Complementary

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



45.9223, 0.3410, 0.3278



56.9291, 0.2899, 0.3302

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.



45.9223, 0.2795, 0.3139



45.9223, 0.3410, 0.3278



45.9223, 0.2980, 0.3450

Square

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



45.9223, 0.3410, 0.3278



45.9223, 0.3318, 0.3596



45.9223, 0.2851, 0.3292



45.9223, 0.2934, 0.2997

Rectangle

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



45.9223, 0.3410, 0.3278



45.9223, 0.3459, 0.3510



45.9223, 0.2851, 0.3292



45.9223, 0.2805, 0.3061

Sweetspot

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



45.9244, 0.3410, 0.3278



91.3637, 0.3208, 0.3286



47.1263, 0.3136, 0.2906



19.3058, 0.3220, 0.3286



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.



45.9244, 0.3410, 0.3278



70.2273, 0.3490, 0.3275



51.9471, 0.3391, 0.3474



11.2194, 0.3285, 0.3283



8.0917, 0.6362, 0.3278



0.4195, 0.6232, 0.3207

Inverse Universe

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



45.9244, 0.3410, 0.3278



70.2273, 0.3490, 0.3275



50.1569, 0.2885, 0.3099



11.2194, 0.3285, 0.3283



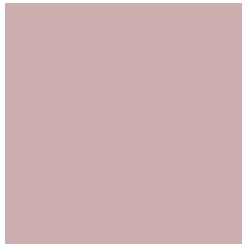
8.0917, 0.6362, 0.3278



0.4195, 0.6232, 0.3207

Previews

White Background



This preview shows how the Yxy color 45.9223, 0.3410, 0.3278 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 45.9223, 0.3410, 0.3278 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

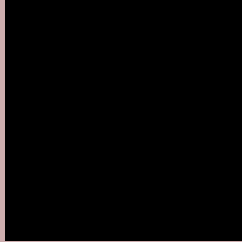
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 45.9223, 0.3410, 0.3278

Background



This preview shows how black text looks on a background with the Yxy color 45.9223, 0.3410, 0.3278.



This preview shows how white text looks on a background with the Yxy color 45.9223, 0.3410, 0.3278.

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

45.9223, 0.3410, 0.3278

Protanopia

46.0472, 0.3178, 0.3316

Deuteranopia

46.1334, 0.3369, 0.3303



Tritanopia

45.7504, 0.3325, 0.3119

Trichromacy



Original Color

45.9223, 0.3410, 0.3278

Protanomaly

45.8251, 0.3260, 0.3290

Deuteranomaly

45.8847, 0.3380, 0.3291

Tritanomaly

45.9631, 0.3359, 0.3180

Monochromacy



Original Color

45.9223, 0.3410, 0.3278

Achromatopsia

47.3531, 0.3127, 0.3290

Achromatomaly

46.6119, 0.3224, 0.3278

CSS Examples

Text

The CSS property to change the color of the text to Yxy 45.9223, 0.3410, 0.3278 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(205, 173, 174)` looks like.

```
.text, #text, p{  
    color:rgb(205, 173, 174)  
}
```

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(205, 173, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 173, 174) }
```

Border

The CSS property to change the border of an element to Yxy 45.9223, 0.3410, 0.3278 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(205, 173, 174) }
```

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

```
.border{ border-color:rgb(205, 173, 174) }
```

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

Here you see how a box with a 4 pixel `rgb(205, 173, 174)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 173, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 173, 174);  
box-shadow:4px 4px 4px 4px rgb(205, 173,  
174) }
```


Background

The CSS property to change the background color of an element to Yxy 45.9223, 0.3410, 0.3278 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 173, 174) }
```

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

```
.background{ background-color: rgb(205,  
173, 174) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor