

# Converting Colors

$Yxy(24.9415, 0.4185, 0.3253)$

Have a look what the booklet for  
Yxy(24.9415, 0.4185, 0.3253)  
contains.

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**Color**

**Yxy(24.9415, 0.4185, 0.3253)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C57174
RGB	197, 113, 116
RGB Percent	77%, 44%, 45%
CMY	0.2274, 0.5569, 0.5451
CMYK	0.00, 0.43, 0.41, 0.23
HSL	358°, 42%, 61%
HSV	358°, 43%, 77%
XYZ	32.0874, 24.9415, 19.6434
YIQ	138.4580, 49.1010, 18.7410

# Conversions

## Conversions Part 2

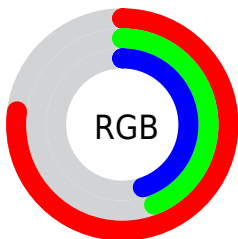
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	197, 113, 116
Decimal	12939636
CIE <sub>Lab</sub>	57.02, 33.42, 12.88
CIE <sub>LCh</sub>	57, 35.815, 21.084
Yxy	24.9415, 0.4185, 0.3253
Android (android.graphics.Color)	4291129716 (0xFFC57174)
YUV	138.4580, -11.0718, 51.3413
Hunter-Lab	49.9415, 27.2886, 11.6385

# Details

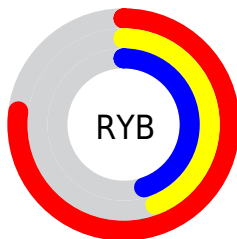
The Yxy color **24.9415, 0.4185, 0.3253** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **47.3488, 0.2569, 0.3331**, and the grayscale version is **25.6290, 0.3127, 0.3290**.

A 20% lighter version of the original color is **51.3596, 0.3946, 0.3271**, and **9.5478, 0.4579, 0.3206** is the 20% darker color. If you saturate the color by 10%, you get **20.6161, 0.4587, 0.3247**, and if you desaturate by 10%, it is **30.3140, 0.3846, 0.3261**.

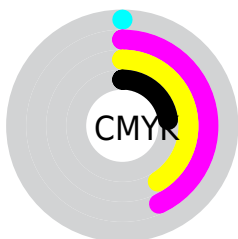
# Distribution



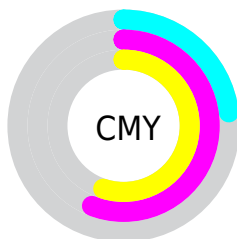
- Red (77%)
- Green (44%)
- Blue (45%)



- Red (77%)
- Yellow (44%)
- Blue (45%)



- Cyan (0%)
- Magenta (43%)
- Yellow (41%)
- Black (23%)




- Cyan (23%)
- Magenta (56%)
- Yellow (55%)


# Brightness & Saturation Gradients

These gradients show how the Yxy color 24.9415, 0.4185, 0.3253 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 24.9415, 0.4185, 0.3253 by changing the saturation by 10% instead.





 24.9415, 0.4185,  
0.3253


 24.9415, 0.4185,  
0.3253


277.5465, 0.3596,  
0.3291


 16.0335, 0.4354,  
0.3234


 51.5623, 0.3955,  
0.3273


 9.5478, 0.4585,  
0.3203

 70.0439, 0.3874,  
0.3278

 5.1002, 0.4919,  
0.3148

 92.4854, 0.3807,  
0.3282

 2.3062, 0.5433,  
0.3036

 119.2713, 0.3751,  
0.3285

 0.7770, 0.6954,  
0.3046

150.7860, 0.3703,  
0.3287

 0.0000, 1.0000,  
0.0000


187.4138, 0.3662,


 0.0000, 0.0000,


0.3289


0.0000

229.5392, 0.3627,  
0.3290


 24.9415, 0.4185,  
0.3253


 24.9415, 0.4185,  
0.3253


 20.6161, 0.4587,  
0.3247


 30.3140, 0.3846,  
0.3261


 17.2661, 0.5041,  
0.3244


 36.7917, 0.3569,  
0.3270


 14.8168, 0.5509,  
0.3248

 44.4330, 0.3347,  
0.3279


 13.1811, 0.5930,  
0.3258


 53.2908, 0.3168,  
0.3288


 12.2546, 0.6233,  
0.3274

 63.4151, 0.3025,  
0.3296

 11.8887, 0.6366,  
0.3281

 74.8530, 0.2910,  
0.3303

 87.6490, 0.2817,  
0.3309

 90.6133, 0.2789,  
0.3289

# Harmonies

## Analogous

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



24.9415, 0.3688, 0.2819



24.9415, 0.4185, 0.3253



24.9415, 0.4357, 0.3727

# Triad

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



24.9415, 0.4185, 0.3253



24.9415, 0.3098, 0.4305



24.9415, 0.2150, 0.2387

# Complementary

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



24.9415, 0.4185, 0.3253



47.3488, 0.2569, 0.3331

# 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.



24.9415, 0.2032, 0.2671



24.9415, 0.4185, 0.3253



24.9415, 0.2541, 0.3823

# Square

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



24.9415, 0.4185, 0.3253



24.9415, 0.3694, 0.4405



24.9415, 0.2163, 0.3188



24.9415, 0.2506, 0.2337



# Rectangle

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



24.9415, 0.4185, 0.3253



24.9415, 0.4264, 0.4025



24.9415, 0.2163, 0.3188



24.9415, 0.2084, 0.2454

# Sweetspot

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



24.9428, 0.4185, 0.3253



78.7524, 0.3358, 0.3279



27.1548, 0.3131, 0.2241



16.1658, 0.3404, 0.3277



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.



24.9428, 0.4185, 0.3253



37.5154, 0.4550, 0.3247



35.1362, 0.3999, 0.3793



10.6430, 0.3284, 0.3282



7.8204, 0.6357, 0.3276



0.3725, 0.6205, 0.3192



# Inverse Universe

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



24.9428, 0.4185, 0.3253



37.5154, 0.4550, 0.3247



32.4107, 0.2458, 0.2717



10.6430, 0.3284, 0.3282



7.8204, 0.6357, 0.3276



0.3725, 0.6205, 0.3192



# Previews

## White Background



This preview shows how the Yxy color 24.9415, 0.4185, 0.3253 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 24.9415, 0.4185, 0.3253 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 × Fail

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

**Yxy 24.9415, 0.4185, 0.3253**

## Background



This preview shows how black text looks on a background with the Yxy color 24.9415, 0.4185, 0.3253.



This preview shows how white text looks on a background with the Yxy color 24.9415, 0.4185, 0.3253.

# 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

24.9415, 0.4185, 0.3253

### Protanopia

25.2006, 0.3277, 0.3442

### Deuteranopia

25.0657, 0.3662, 0.3596



## Tritanopia

24.8391, 0.4122, 0.3173

# Trichromacy



## Original Color

24.9415, 0.4185, 0.3253

## Protanomaly

24.5750, 0.3584, 0.3354

## Deuteranomaly

24.7664, 0.3855, 0.3458

## Tritanomaly

24.7906, 0.4149, 0.3199

# Monochromacy



## Original Color

24.9415, 0.4185, 0.3253

## Achromatopsia

25.4152, 0.3127, 0.3290

## Achromatomaly

24.6831, 0.3473, 0.3275

# CSS Examples

## Text

The CSS property to change the color of the text to Yxy 24.9415, 0.4185, 0.3253 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(197, 113, 116)` looks like.

```
.text, #text, p{  
    color:rgb(197, 113, 116)  
}
```

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(197, 113, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 113, 116) }
```

## Border

The CSS property to change the border of an element to Yxy 24.9415, 0.4185, 0.3253 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(197, 113, 116) }
```

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

```
.border{ border-color:rgb(197, 113, 116) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 113, 116)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 113, 116); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 113, 116);  
box-shadow:4px 4px 4px 4px rgb(197, 113,  
116) }
```



# Background

The CSS property to change the background color of an element to Yxy 24.9415, 0.4185, 0.3253 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 113, 116) }
```

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

```
.background{ background-color: rgb(197,  
113, 116) }
```

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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