

# Converting Colors

$Y_{xy}(25.8149, 0.4065, 0.3188)$

Have a look what the booklet for  
Yxy(25.8149, 0.4065, 0.3188)  
contains.

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**Color**

**Yxy(25.8163, 0.4061, 0.3186)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C5747C
RGB	197, 116, 124
RGB Percent	77%, 45%, 49%
CMY	0.2275, 0.5450, 0.5138
CMYK	0.00, 0.41, 0.37, 0.23
HSL	354°, 41%, 61%
HSV	354°, 41%, 77%
XYZ	32.9065, 25.8163, 22.3077
YIQ	141.1310, 45.7080, 19.6600

# Conversions

## Conversions Part 2

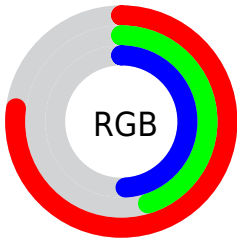
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	197, 116, 124
Decimal	12940412
CIE <sub>Lab</sub>	57.86, 32.72, 9.44
CIE <sub>LCh</sub>	58, 34.053, 16.102
Yxy	25.8163, 0.4061, 0.3186
Android (android.graphics.Color)	4291130492 (0xFFC5747C)
YUV	141.1310, -8.4456, 48.9971
Hunter-Lab	50.8097, 26.6868, 9.5359

# Details

The Yxy color **25.8163, 0.4061, 0.3186** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **47.3186, 0.2615, 0.3403**, and the grayscale version is **26.7108, 0.3127, 0.3290**.

A 20% lighter version of the original color is **52.7705, 0.3859, 0.3218**, and **10.0671, 0.4422, 0.3134** is the 20% darker color. If you saturate the color by 10%, you get **21.3373, 0.4427, 0.3165**, and if you desaturate by 10%, it is **31.3417, 0.3755, 0.3211**.

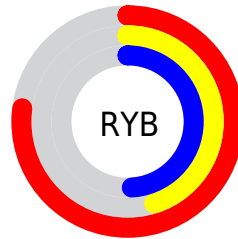
# Distribution



Red (77%)

Green (45%)

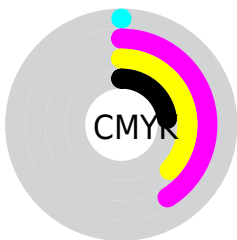
Blue (49%)



Red (77%)

Yellow (45%)

Blue (49%)

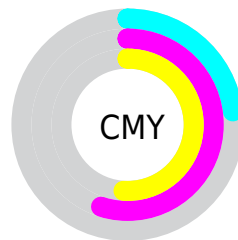


Cyan (0%)

Magenta (41%)

Yellow (37%)

Black (23%)



Cyan (23%)

Magenta (55%)


Yellow (51%)


# Brightness & Saturation Gradients

These gradients show how the Yxy color 25.8163, 0.4061, 0.3186 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 25.8163, 0.4061, 0.3186 by changing the saturation by 10% instead.




 25.8163, 0.4061,  
0.3186

 25.8163, 0.4061,  
0.3186


281.8791, 0.3544,  
0.3255

 16.6863, 0.4209,  
0.3161


 52.9784, 0.3860,  
0.3216

 10.0111, 0.4410,  
0.3124


 71.7793, 0.3789,  
0.3226

 5.4063, 0.4701,  
0.3064


 94.5726, 0.3730,  
0.3234

 2.4876, 0.5151,  
0.2954

121.7428, 0.3681,  
0.3240

 0.8704, 0.6207,  
0.2851

153.6741, 0.3639,  
0.3245

 0.0000, 1.0000,  
0.0000

190.7510, 0.3603,

 0.0000, 0.0000,

0.3249

0.0000

233.3579, 0.3572,  
0.3252

■ 25.8163, 0.4061,  
0.3186

■ 25.8163, 0.4061,  
0.3186

■ 21.3373, 0.4427,  
0.3165

■ 31.3417, 0.3755,  
0.3211

■ 17.8352, 0.4847,  
0.3152

■ 37.9697, 0.3506,  
0.3238

■ 15.2380, 0.5297,  
0.3152


■ 45.7571, 0.3305,  
0.3263


■ 13.4622, 0.5730,  
0.3170

■ 54.7556, 0.3143,  
0.3287


■ 12.4087, 0.6082,  
0.3206

■ 65.0139, 0.3013,  
0.3310

 11.9176, 0.6294,  
0.3241

 76.5779, 0.2908,  
0.3330

 89.4912, 0.2822,  
0.3348

 90.6093, 0.2789,  
0.3289

# Harmonies

## Analogous

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



25.8163, 0.3560, 0.2785



25.8163, 0.4061, 0.3186



25.8163, 0.4282, 0.3635

# Triad

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



25.8163, 0.4061, 0.3186



25.8163, 0.3199, 0.4281



25.8163, 0.2168, 0.2466

# Complementary

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



25.8163, 0.4061, 0.3186



47.3186, 0.2615, 0.3403

# 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.



25.8163, 0.2094, 0.2777



25.8163, 0.4061, 0.3186



25.8163, 0.2655, 0.3882

# Square

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



25.8163, 0.4061, 0.3186



25.8163, 0.3751, 0.4319



25.8163, 0.2261, 0.3294



25.8163, 0.2471, 0.2381



# Rectangle

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



25.8163, 0.4061, 0.3186



25.8163, 0.4235, 0.3923



25.8163, 0.2261, 0.3294



25.8163, 0.2117, 0.2544

# Sweetspot

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



25.8176, 0.4061, 0.3186



80.3551, 0.3324, 0.3261



27.3300, 0.3088, 0.2263



16.7836, 0.3349, 0.3257



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.



25.8176, 0.4061, 0.3186



39.2015, 0.4374, 0.3167



34.4376, 0.3982, 0.3723



10.6536, 0.3274, 0.3268



7.8452, 0.6275, 0.3230



0.3774, 0.5898, 0.3023



# Inverse Universe

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



25.8176, 0.4061, 0.3186



39.2015, 0.4374, 0.3167



34.5112, 0.2492, 0.2805



10.6536, 0.3274, 0.3268



7.8452, 0.6275, 0.3230

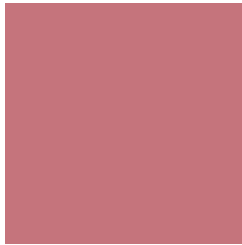


0.3774, 0.5898, 0.3023



# Previews

## White Background



This preview shows how the Yxy color 25.8163, 0.4061, 0.3186 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

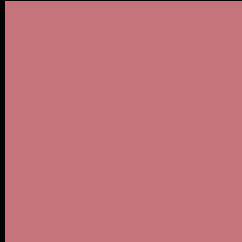
Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail



# Black Background



This preview shows how the Yxy color 25.8163, 0.4061, 0.3186 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

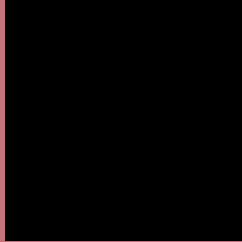
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

**Yxy 25.8163, 0.4061, 0.3186**

## Background



This preview shows how black text looks on a background with the Yxy color 25.8163, 0.4061, 0.3186.



This preview shows how white text looks on a background with the Yxy color 25.8163, 0.4061, 0.3186.

# 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

25.8163, 0.4061, 0.3186

### Protanopia

26.0825, 0.3202, 0.3340

### Deuteranopia

25.9043, 0.3574, 0.3497



## Tritanopia

25.8163, 0.4061, 0.3186

# Trichromacy



## Original Color

25.8163, 0.4061, 0.3186

## Protanomaly

25.6851, 0.3492, 0.3276

## Deuteranomaly

25.4681, 0.3746, 0.3367

## Tritanomaly

25.8163, 0.4061, 0.3186

# Monochromacy



## Original Color

25.8163, 0.4061, 0.3186

## Achromatopsia

26.6356, 0.3127, 0.3290

## Achromatomaly

25.8289, 0.3432, 0.3244

# CSS Examples

## Text

The CSS property to change the color of the text to Yxy 25.8163, 0.4061, 0.3186 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, 116, 124)` looks like.

```
.text, #text, p{  
    color:rgb(197, 116, 124)  
}
```

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, 116, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 116, 124) }
```

## Border

The CSS property to change the border of an element to Yxy 25.8163, 0.4061, 0.3186 is called "border". The border property can be set on classes, ids or directly on the HTML element.

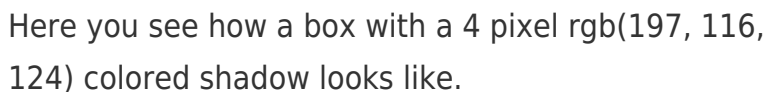
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(197, 116, 124) }
```

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

```
.border{ border-color:rgb(197, 116, 124) }
```

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



Here you see how a box with a 4 pixel `rgb(197, 116, 124)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 116, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 116, 124);  
box-shadow:4px 4px 4px 4px rgb(197, 116,  
124) }
```



# Background

The CSS property to change the background color of an element to Yxy 25.8163, 0.4061, 0.3186 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 116, 124) }
```

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

```
.background{ background-color: rgb(197,  
116, 124) }
```

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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