

Converting Colors

$Y_{xy}(25.7872, 0.3768, 0.2841)$

Have a look what the booklet for
Yxy(25.7872, 0.3768, 0.2841)
contains.

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Color

Yxy(25.7872, 0.3768, 0.2841)

Conversions

Conversions Part 1

Format	Color
Hex	C57193
RGB	197, 113, 147
RGB Percent	77%, 44%, 58%
CMY	0.2274, 0.5569, 0.4235
CMYK	0.00, 0.43, 0.25, 0.23
HSL	336°, 42%, 61%
HSV	336°, 43%, 77%
XYZ	34.2014, 25.7872, 30.7794
YIQ	141.9920, 39.1500, 28.3820

Conversions

Conversions Part 2

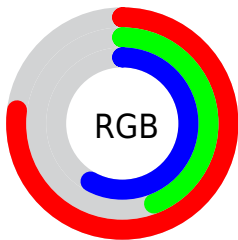
Format	Color
R _Y B	197, 113, 147
Decimal	12939667
CIE Lab	57.83, 37.38, -3.96
CIE LCh	58, 37.592, 353.956
Yxy	25.7872, 0.3768, 0.2841
Android (android.graphics.Color)	4291129747 (0xFFC57193)
YUV	141.9920, 2.4689, 48.2420
Hunter-Lab	50.7811, 31.3540, -0.3901

Details

The Yxy color **25.7872, 0.3768, 0.2841** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **46.0963, 0.2753, 0.3801**, and the grayscale version is **27.0258, 0.3127, 0.3290**.

A 20% lighter version of the original color is **52.7495, 0.3631, 0.2928**, and **9.9710, 0.3987, 0.2674** is the 20% darker color. If you saturate the color by 10%, you get **21.5100, 0.4001, 0.2744**, and if you desaturate by 10%, it is **31.0586, 0.3570, 0.2948**.

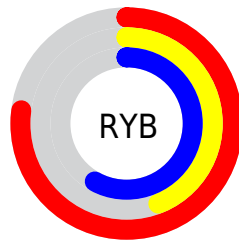
Distribution



Red (77%)

Green (44%)

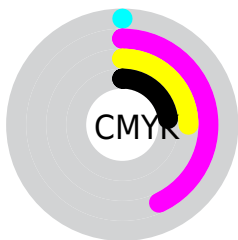
Blue (58%)



Red (77%)

Yellow (44%)

Blue (58%)

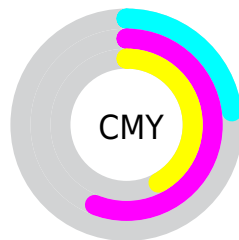


Cyan (0%)

Magenta (43%)

Yellow (25%)

Black (23%)



Cyan (23%)


Magenta (56%)


Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 25.7872, 0.3768, 0.2841 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 25.7872, 0.3768, 0.2841 by changing the saturation by 10% instead.


 25.7872, 0.3768,
0.2841


 25.7872, 0.3768,
0.2841


281.7359, 0.3419,
0.3082


 16.6645, 0.3865,
0.2775


 52.9314, 0.3634,
0.2933


 9.9956, 0.3997,
0.2687


 71.7218, 0.3586,
0.2966

 5.3960, 0.4186,
0.2562


 94.5035, 0.3546,
0.2993

 2.4815, 0.4476,
0.2375

 121.6609, 0.3513,
0.3017

 0.8673, 0.4976,
0.2063

153.5785, 0.3484,
0.3036

 0.0000, 0.9776,
0.0000

190.6406, 0.3460,

 0.0000, 0.0000,

0.3054

0.0000

233.2316, 0.3438,
0.3069

■ 25.7872, 0.3768,
0.2841

■ 25.7872, 0.3768,
0.2841

■ 21.5100, 0.4001,
0.2744

■ 31.0586, 0.3570,
0.2948

■ 18.1597, 0.4267,
0.2666

■ 37.3783, 0.3404,
0.3057

■ 15.6667, 0.4559,
0.2620


■ 44.8009, 0.3267,
0.3163


■ 13.9495, 0.4865,
0.2619

■ 53.3762, 0.3154,
0.3264


■ 12.9108, 0.5163,
0.2669

■ 63.1508, 0.3061,
0.3359

 12.4483, 0.5370,
0.2732

 74.1687, 0.2985,
0.3446

 86.4719, 0.2922,
0.3526

 89.7333, 0.2862,
0.3440

 90.4562, 0.2801,
0.3315

Harmonies

Analogous

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



25.7872, 0.3116, 0.2494



25.7872, 0.3768, 0.2841



25.7872, 0.4259, 0.3295

Triad

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



25.7872, 0.3768, 0.2841



25.7872, 0.3655, 0.4456



25.7872, 0.1996, 0.2607

Complementary

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



25.7872, 0.3768, 0.2841



46.0963, 0.2753, 0.3801

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.



25.7872, 0.2106, 0.3121



25.7872, 0.3768, 0.2841



25.7872, 0.3035, 0.4315

Square

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



25.7872, 0.3768, 0.2841



25.7872, 0.4162, 0.4219



25.7872, 0.2471, 0.3783



25.7872, 0.2142, 0.2340

Rectangle

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



25.7872, 0.3768, 0.2841



25.7872, 0.4397, 0.3621



25.7872, 0.2471, 0.3783



25.7872, 0.2004, 0.2753

Sweetspot

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



25.7884, 0.3768, 0.2841



79.4365, 0.3273, 0.3157



23.5232, 0.2804, 0.2135



16.3328, 0.3302, 0.3134



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.



25.7884, 0.3768, 0.2841



39.1124, 0.3979, 0.2752



26.4970, 0.4183, 0.3387



10.7069, 0.3227, 0.3197



8.2017, 0.5336, 0.2713



0.4026, 0.4789, 0.2412

Inverse Universe

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



25.7884, 0.3768, 0.2841



39.1124, 0.3979, 0.2752



44.3768, 0.2536, 0.3187



10.7069, 0.3227, 0.3197



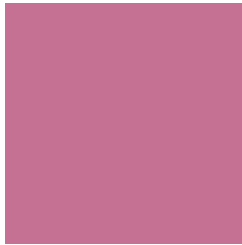
8.2017, 0.5336, 0.2713



0.4026, 0.4789, 0.2412

Previews

White Background



This preview shows how the Yxy color 25.7872, 0.3768, 0.2841 looks on a white background.

Color Contrast Check

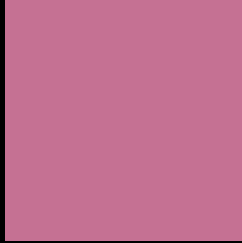
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.7872, 0.3768, 0.2841 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

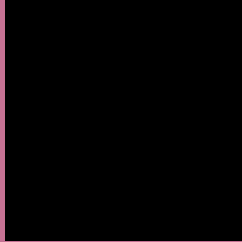
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 25.7872, 0.3768, 0.2841

Background



This preview shows how black text looks on a background with the Yxy color 25.7872, 0.3768, 0.2841.



This preview shows how white text looks on a background with the Yxy color 25.7872, 0.3768, 0.2841.

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

25.7872, 0.3768, 0.2841

Protanopia

25.9722, 0.2855, 0.2887

Deuteranopia

25.8904, 0.3223, 0.3162



Tritanopia

25.8310, 0.4006, 0.3171

Trichromacy



Original Color

25.7872, 0.3768, 0.2841

Protanomaly

25.4039, 0.3159, 0.2862

Deuteranomaly

25.5172, 0.3422, 0.3035

Tritanomaly

25.9478, 0.3916, 0.3050

Monochromacy



Original Color

25.7872, 0.3768, 0.2841

Achromatopsia

27.0498, 0.3127, 0.3290

Achromatomaly

25.9276, 0.3344, 0.3091

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.7872, 0.3768, 0.2841 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, 147)` looks like.

```
.text, #text, p{  
    color:rgb(197, 113, 147)  
}
```

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, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 113, 147) }
```

Border

The CSS property to change the border of an element to Yxy 25.7872, 0.3768, 0.2841 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, 147) }
```

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

```
.border{ border-color:rgb(197, 113, 147) }
```

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, 147)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 113, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 113, 147);  
box-shadow:4px 4px 4px 4px rgb(197, 113,  
147) }
```


Background

The CSS property to change the background color of an element to Yxy 25.7872, 0.3768, 0.2841 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, 147) }
```

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

```
.background{ background-color: rgb(197,  
113, 147) }
```

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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