

Converting Colors

$Y_{xy}(27.0471, 0.3800, 0.2972)$

Have a look what the booklet for
Yxy(27.0471, 0.3800, 0.2972)
contains.

Yxy(27.0471, 0.3800, 0.2972)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(27.0471, 0.3800, 0.2972)

Conversions

Conversions Part 1

Format	Color
Hex	C5778F
RGB	197, 119, 143
RGB Percent	77%, 47%, 56%
CMY	0.2274, 0.5333, 0.4393
CMYK	0.00, 0.40, 0.27, 0.23
HSL	342°, 40%, 62%
HSV	342°, 40%, 77%
XYZ	34.5824, 27.0471, 29.3769
YIQ	145.0580, 38.7840, 24.0000

Conversions

Conversions Part 2

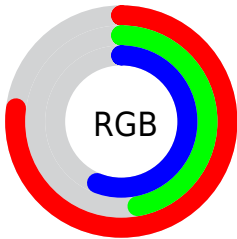
Format	Color
R _Y B	197, 119, 143
Decimal	12941199
CIE Lab	59.02, 33.60, 0.11
CIE LCh	59, 33.599, 0.182
Yxy	27.0471, 0.3800, 0.2972
Android (android.graphics.Color)	4291131279 (0xFFC5778F)
YUV	145.0580, -1.0146, 45.5531
Hunter-Lab	52.0068, 27.6833, 2.9139

Details

The Yxy color **27.0471, 0.3800, 0.2972** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **46.8797, 0.2728, 0.3641**, and the grayscale version is **28.3328, 0.3127, 0.3290**.

A 20% lighter version of the original color is **54.7963, 0.3655, 0.3031**, and **10.7093, 0.4032, 0.2861** is the 20% darker color. If you saturate the color by 10%, you get **22.4465, 0.4065, 0.2896**, and if you desaturate by 10%, it is **32.6726, 0.3578, 0.3054**.

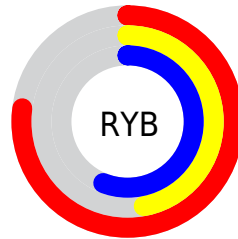
Distribution



Red (77%)

Green (47%)

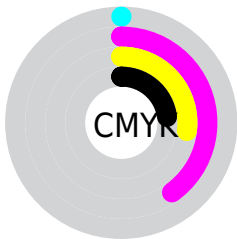
Blue (56%)



Red (77%)

Yellow (47%)

Blue (56%)

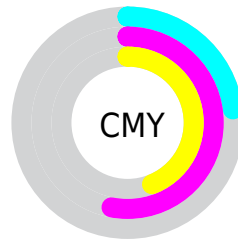


Cyan (0%)

Magenta (40%)

Yellow (27%)

Black (23%)



Cyan (23%)


Magenta (53%)


Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 27.0471, 0.3800, 0.2972 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 27.0471, 0.3800, 0.2972 by changing the saturation by 10% instead.


 27.0471, 0.3800,
0.2972


 27.0471, 0.3800,
0.2972


287.8851, 0.3434,
0.3145


 17.6086, 0.3903,
0.2923


 54.9594, 0.3659,
0.3039

 10.6694, 0.4042,
0.2858


 74.2021, 0.3608,
0.3063

 5.8450, 0.4240,
0.2763

 97.4815, 0.3567,
0.3082

 2.7510, 0.4547,
0.2618

125.1822, 0.3532,
0.3099

 1.0032, 0.5075,
0.2367

157.6885, 0.3502,
0.3113

 0.0000, 1.0000,
0.0000

195.3848, 0.3476,

 0.0000, 0.0000,

0.3125

0.0000

238.6556, 0.3453,
0.3136

■ 27.0471, 0.3800,
0.2972

■ 27.0471, 0.3800,
0.2972

■ 22.4465, 0.4065,
0.2896

■ 32.6726, 0.3578,
0.3054

■ 18.8045, 0.4372,
0.2835

■ 39.3761, 0.3395,
0.3137

■ 16.0533, 0.4715,
0.2799


■ 47.2116, 0.3245,
0.3218

■ 14.1142, 0.5076,
0.2801

■ 56.2285, 0.3123,
0.3293

■ 12.8949, 0.5425,
0.2849

■ 66.4732, 0.3023,
0.3363

 12.2276, 0.5735,
0.2936

 77.9896, 0.2941,
0.3427

 12.2046, 0.5747,
0.2940

 89.5947, 0.2874,
0.3465

 90.4297, 0.2804,
0.3319

 90.6124, 0.2789,
0.3289

Harmonies

Analogous

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



27.0471, 0.3241, 0.2632



27.0471, 0.3800, 0.2972



27.0471, 0.4176, 0.3395

Triad

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



27.0471, 0.3800, 0.2972



27.0471, 0.3492, 0.4316



27.0471, 0.2125, 0.2622

Complementary

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



27.0471, 0.3800, 0.2972



46.8797, 0.2728, 0.3641

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.



27.0471, 0.2178, 0.3039



27.0471, 0.3800, 0.2972



27.0471, 0.2940, 0.4107

Square

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



27.0471, 0.3800, 0.2972



27.0471, 0.3971, 0.4182



27.0471, 0.2464, 0.3603



27.0471, 0.2305, 0.2422

Rectangle

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



27.0471, 0.3800, 0.2972



27.0471, 0.4252, 0.3688



27.0471, 0.2464, 0.3603



27.0471, 0.2117, 0.2738

Sweetspot

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



27.0484, 0.3800, 0.2972



80.7160, 0.3281, 0.3197



26.0311, 0.2914, 0.2247



16.8680, 0.3300, 0.3187



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.



27.0484, 0.3800, 0.2972



40.8366, 0.4040, 0.2902



30.0621, 0.4032, 0.3485



10.6897, 0.3242, 0.3219



8.0394, 0.5713, 0.2921



0.3938, 0.5107, 0.2587

Inverse Universe

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



27.0484, 0.3800, 0.2972



40.8366, 0.4040, 0.2902



41.7022, 0.2554, 0.3082



10.6897, 0.3242, 0.3219



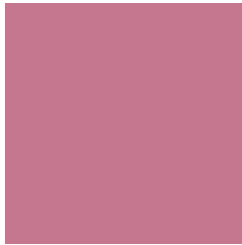
8.0394, 0.5713, 0.2921



0.3938, 0.5107, 0.2587

Previews

White Background



This preview shows how the Yxy color 27.0471, 0.3800, 0.2972 looks on a white background.

Color Contrast Check

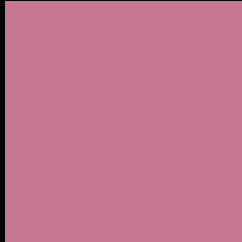
Large Text (above 18pt) WCAG AA ✓ Pass

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 27.0471, 0.3800, 0.2972 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

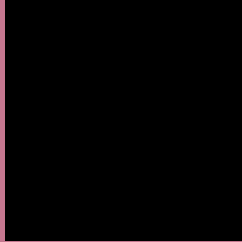
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 27.0471, 0.3800, 0.2972

Background



This preview shows how black text looks on a background with the Yxy color 27.0471, 0.3800, 0.2972.



This preview shows how white text looks on a background with the Yxy color 27.0471, 0.3800, 0.2972.

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

27.0471, 0.3800, 0.2972

Protanopia

27.4090, 0.2982, 0.3066

Deuteranopia

27.2385, 0.3318, 0.3259



Tritanopia

27.0222, 0.3947, 0.3171

Trichromacy



Original Color

27.0471, 0.3800, 0.2972

Protanomaly

26.8616, 0.3251, 0.3031

Deuteranomaly

26.9263, 0.3494, 0.3143

Tritanomaly

26.9180, 0.3887, 0.3090

Monochromacy



Original Color

27.0471, 0.3800, 0.2972

Achromatopsia

28.3149, 0.3127, 0.3290

Achromatomaly

27.5144, 0.3357, 0.3169

CSS Examples

Text

The CSS property to change the color of the text to Yxy 27.0471, 0.3800, 0.2972 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, 119, 143)` looks like.

```
.text, #text, p{  
    color:rgb(197, 119, 143)  
}
```

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, 119, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 119, 143) }
```

Border

The CSS property to change the border of an element to Yxy 27.0471, 0.3800, 0.2972 is called "border". The border property can be set on classes, ids or directly on the HTML element.

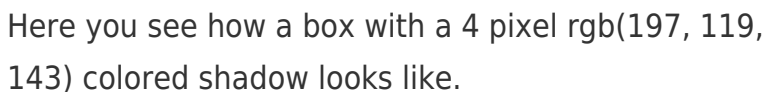
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(197, 119, 143) }
```

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

```
.border{ border-color:rgb(197, 119, 143) }
```

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



Here you see how a box with a 4 pixel `rgb(197, 119, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 119, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 119, 143);  
box-shadow:4px 4px 4px 4px rgb(197, 119,  
143) }
```


Background

The CSS property to change the background color of an element to Yxy 27.0471, 0.3800, 0.2972 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 119, 143) }
```

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

```
.background{ background-color: rgb(197,  
119, 143) }
```

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