

Converting Colors

$Y_{xy}(27.0170, 0.3812, 0.2985)$

Have a look what the booklet for
Yxy(27.0170, 0.3812, 0.2985)
contains.

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Color

Yxy(27.0170, 0.3812, 0.2985)

Conversions

Conversions Part 1

Format	Color
Hex	C5778E
RGB	197, 119, 142
RGB Percent	77%, 47%, 56%
CMY	0.2275, 0.5333, 0.4431
CMYK	0.00, 0.40, 0.28, 0.23
HSL	342°, 40%, 62%
HSV	342°, 40%, 77%
XYZ	34.5021, 27.0170, 28.9901
YIQ	144.9440, 39.1050, 23.6890

Conversions

Conversions Part 2

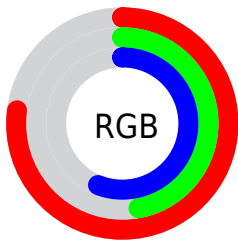
Format	Color
RYB	197, 119, 142
Decimal	12941198
CIELab	58.99, 33.44, 0.63
CIElCh	59, 33.448, 1.076
Yxy	27.0170, 0.3812, 0.2985
Android (android.graphics.Color)	4291131278 (0xFFC5778E)
YUV	144.9440, -1.4514, 45.6531
Hunter-Lab	51.9779, 27.5242, 3.3162

Details

The Yxy color **27.0170, 0.3812, 0.2985** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **46.9029, 0.2722, 0.3626**, and the grayscale version is **28.2868, 0.3127, 0.3290**.

A 20% lighter version of the original color is **54.7506, 0.3664, 0.3041**, and **10.6917, 0.4052, 0.2879** is the 20% darker color. If you saturate the color by 10%, you get **22.4133, 0.4082, 0.2912**, and if you desaturate by 10%, it is **32.6469, 0.3586, 0.3064**.

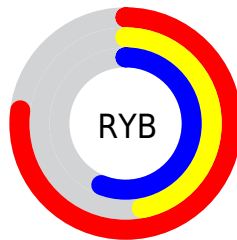
Distribution



Red (77%)

Green (47%)

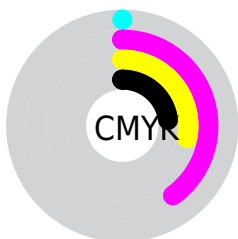
Blue (56%)



Red (77%)

Yellow (47%)

Blue (56%)

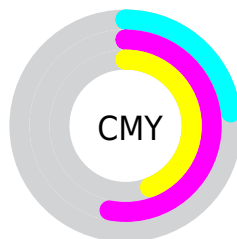


Cyan (0%)

Magenta (40%)

Yellow (28%)

Black (23%)



Cyan (23%)


Magenta (53%)


Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 27.0170, 0.3812, 0.2985 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 27.0170, 0.3812, 0.2985 by changing the saturation by 10% instead.


 27.0170, 0.3812,
0.2985


 27.0170, 0.3812,
0.2985


287.7394, 0.3439,
0.3152


 17.5860, 0.3917,
0.2938


 54.9111, 0.3668,
0.3049

 10.6532, 0.4059,
0.2874


 74.1431, 0.3617,
0.3073

 5.8341, 0.4262,
0.2782


 97.4108, 0.3574,
0.3092

 2.7445, 0.4575,
0.2640

125.0986, 0.3538,
0.3108

 0.9998, 0.5116,
0.2392

157.5910, 0.3508,
0.3121

 0.0000, 1.0000,
0.0000

195.2723, 0.3482,

 0.0000, 0.0000,

0.3133

0.0000

238.5270, 0.3459,
0.3143

■ 27.0170, 0.3812,
0.2985

■ 27.0170, 0.3812,
0.2985

■ 22.4133, 0.4082,
0.2912

■ 32.6469, 0.3586,
0.3064

■ 18.7696, 0.4396,
0.2854

■ 39.3563, 0.3399,
0.3144

■ 16.0179, 0.4746,
0.2821


■ 47.1993, 0.3247,
0.3221

■ 14.0797, 0.5114,
0.2825

■ 56.2253, 0.3122,
0.3293

■ 12.8621, 0.5468,
0.2874


■ 66.4807, 0.3021,
0.3360


 12.1982, 0.5779,
0.2961

 78.0095, 0.2938,
0.3421

 12.1743, 0.5792,
0.2964

 89.6336, 0.2870,
0.3457

 90.4874, 0.2798,
0.3309

 90.6079, 0.2789,
0.3289

Harmonies

Analogous

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



27.0170, 0.3258, 0.2643



27.0170, 0.3812, 0.2985



27.0170, 0.4179, 0.3408

Triad

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



27.0170, 0.3812, 0.2985



27.0170, 0.3475, 0.4311



27.0170, 0.2131, 0.2616

Complementary

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



27.0170, 0.3812, 0.2985



46.9029, 0.2722, 0.3626

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.



27.0170, 0.2177, 0.3025



27.0170, 0.3812, 0.2985



27.0170, 0.2925, 0.4092

Square

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



27.0170, 0.3812, 0.2985



27.0170, 0.3956, 0.4187



27.0170, 0.2455, 0.3585



27.0170, 0.2316, 0.2423

Rectangle

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



27.0170, 0.3812, 0.2985



27.0170, 0.4248, 0.3700



27.0170, 0.2455, 0.3585



27.0170, 0.2120, 0.2729

Sweetspot

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



27.0183, 0.3812, 0.2985



80.6940, 0.3283, 0.3201



26.1795, 0.2927, 0.2251



16.8628, 0.3303, 0.3191



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.



27.0183, 0.3812, 0.2985



41.5508, 0.4028, 0.2925



30.4190, 0.4025, 0.3502



10.6876, 0.3244, 0.3222



8.0221, 0.5758, 0.2945



0.3928, 0.5148, 0.2610

Inverse Universe

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



27.0183, 0.3812, 0.2985



41.5508, 0.4028, 0.2925



41.1594, 0.2551, 0.3062



10.6876, 0.3244, 0.3222



8.0221, 0.5758, 0.2945



0.3928, 0.5148, 0.2610

Previews

White Background



This preview shows how the Yxy color 27.0170, 0.3812, 0.2985 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 27.0170, 0.3812, 0.2985 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

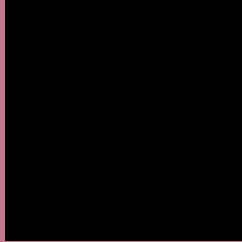
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 27.0170, 0.3812, 0.2985

Background



This preview shows how black text looks on a background with the Yxy color 27.0170, 0.3812, 0.2985.



This preview shows how white text looks on a background with the Yxy color 27.0170, 0.3812, 0.2985.

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

27.0170, 0.3812, 0.2985

Protanopia

27.0790, 0.2991, 0.3065

Deuteranopia

27.2091, 0.3328, 0.3275



Tritanopia

27.0222, 0.3947, 0.3171

Trichromacy



Original Color

27.0170, 0.3812, 0.2985

Protanomaly

26.5541, 0.3263, 0.3031

Deuteranomaly

26.8967, 0.3506, 0.3157

Tritanomaly

26.8899, 0.3899, 0.3104

Monochromacy



Original Color

27.0170, 0.3812, 0.2985

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 27.0170, 0.3812, 0.2985 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, 142)` looks like.

```
.text, #text, p{  
    color:rgb(197, 119, 142)  
}
```

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, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 119, 142) }
```

Border

The CSS property to change the border of an element to Yxy 27.0170, 0.3812, 0.2985 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, 142) }
```

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

```
.border{ border-color:rgb(197, 119, 142) }
```

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, 142)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 119, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 119, 142);  
box-shadow:4px 4px 4px 4px rgb(197, 119,  
142) }
```


Background

The CSS property to change the background color of an element to Yxy 27.0170, 0.3812, 0.2985 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, 142) }
```

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

```
.background{ background-color: rgb(197,  
119, 142) }
```

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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