

Converting Colors

Yxy(30.0647, 0.3099, 0.2670)

Have a look what the booklet for
Yxy(30.0647, 0.3099, 0.2670)
contains.

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Color

Yxy(30.0585, 0.3094, 0.2670)

Conversions

Conversions Part 1

Format	Color
Hex	AF88B5
RGB	175, 136, 181
RGB Percent	69%, 53%, 71%
CMY	0.3136, 0.4667, 0.2901
CMYK	0.03, 0.25, 0.00, 0.29
HSL	292°, 23%, 62%
HSV	292°, 25%, 71%
XYZ	34.8318, 30.0585, 47.6883
YIQ	152.7910, 8.7990, 22.2630

Conversions

Conversions Part 2

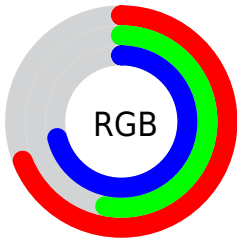
Format	Color
RYB	175, 136, 181
Decimal	11503797
CIELab	61.70, 22.87, -17.91
CIElCh	62, 29.052, 321.937
Yxy	30.0585, 0.3094, 0.2670
Android (android.graphics.Color)	4289693877 (0xFFAF88B5)
YUV	152.7910, 13.9070, 19.4773
Hunter-Lab	54.8256, 17.4598, -13.1936

Details

The Yxy color **30.0585, 0.3094, 0.2670** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **40.5766, 0.3145, 0.3973**, and the grayscale version is **31.6973, 0.3127, 0.3290**.

A 20% lighter version of the original color is **59.9303, 0.3104, 0.2791**, and **12.3517, 0.3074, 0.2490** is the 20% darker color. If you saturate the color by 10%, you get **25.1099, 0.3075, 0.2415**, and if you desaturate by 10%, it is **35.8756, 0.3110, 0.2925**.

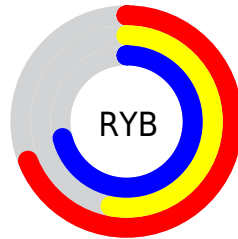
Distribution



Red (69%)

Green (53%)

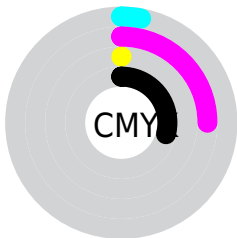
Blue (71%)



Red (69%)

Yellow (53%)

Blue (71%)

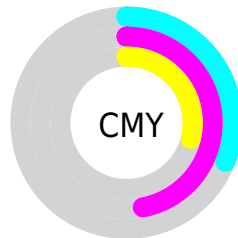


Cyan (3%)

Magenta (25%)

Yellow (0%)

Black (29%)



Cyan (31%)


Magenta (47%)


Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 30.0585, 0.3094, 0.2670 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 30.0585, 0.3094, 0.2670 by changing the saturation by 10% instead.


 30.0585, 0.3094,
0.2670


 30.0585, 0.3094,
0.2670


302.1770, 0.3117,
0.2987

 19.8830, 0.3086,
0.2589


 59.7547, 0.3104,
0.2787

 12.3100, 0.3073,
0.2483


 80.0441, 0.3108,
0.2830

 6.9552, 0.3054,
0.2342


 104.4737, 0.3110,
0.2867

 3.4341, 0.3021,
0.2141

133.4278, 0.3112,
0.2898

 1.3623, 0.2957,
0.1839

167.2908, 0.3114,
0.2925

 0.1887, 0.2983,
0.0763

206.4470, 0.3115,

 0.0000, 0.0000,

0.2948

0.0000

251.2810, 0.3116,
0.2969

■ 30.0585, 0.3094,
0.2670

■ 30.0585, 0.3094,
0.2670

■ 25.1099, 0.3075,
0.2415

■ 35.8756, 0.3110,
0.2925

■ 20.9827, 0.3051,
0.2170

■ 42.5976, 0.3122,
0.3173

■ 17.6312, 0.3024,
0.1943

■ 50.2634, 0.3132,
0.3410

■ 15.0035, 0.2995,
0.1744

■ 58.9086, 0.3138,
0.3631

■ 13.0416, 0.2962,
0.1583

■ 68.5669, 0.3143,
0.3836

■ 11.6784, 0.2929,
0.1464

■ 79.2705, 0.3146,
0.4024

■ 10.8322, 0.2895,
0.1388

■ 86.0423, 0.3153,
0.4123

■ 10.5065, 0.2877,
0.1359

■ 86.3578, 0.3168,
0.4119

■ 86.6784, 0.3182,
0.4115

Harmonies

Analogous

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



30.0585, 0.2659, 0.2543



30.0585, 0.3094, 0.2670



30.0585, 0.3571, 0.2934

Triad

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



30.0585, 0.3094, 0.2670



30.0585, 0.3922, 0.3979



30.0585, 0.2373, 0.3211

Complementary

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



30.0585, 0.3094, 0.2670



40.5766, 0.3145, 0.3973

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.



30.0585, 0.2671, 0.3679



30.0585, 0.3094, 0.2670



30.0585, 0.3564, 0.4139

Square

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



30.0585, 0.3094, 0.2670



30.0585, 0.4067, 0.3660



30.0585, 0.3104, 0.4038



30.0585, 0.2268, 0.2814

Rectangle

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



30.0585, 0.3094, 0.2670



30.0585, 0.3838, 0.3162



30.0585, 0.3104, 0.4038



30.0585, 0.2452, 0.3366

Sweetspot

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



30.0598, 0.3094, 0.2670



73.4369, 0.3120, 0.3118



27.9123, 0.2716, 0.2692



15.7157, 0.3119, 0.3104



91.1408, 0.3127, 0.3290



17.8868, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



30.0598, 0.3094, 0.2670



48.6558, 0.3083, 0.2526



30.1279, 0.3325, 0.2894



8.5885, 0.3117, 0.3064



7.2635, 0.2881, 0.1361



0.2443, 0.2979, 0.1415

Inverse Universe

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



29.3810, 0.3573, 0.3206



47.2623, 0.3710, 0.3186



40.5690, 0.2971, 0.3722



8.5230, 0.3267, 0.3260



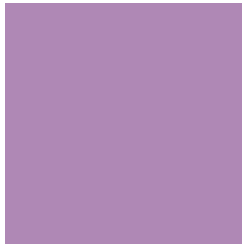
6.8238, 0.6204, 0.3191



0.2205, 0.5614, 0.2866

Previews

White Background



This preview shows how the Yxy color 30.0585, 0.3094, 0.2670 looks on a white background.

Color Contrast Check

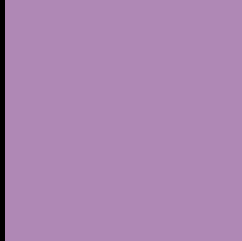
Large Text (above 18pt) WCAG AA ✓ Pass

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 30.0585, 0.3094, 0.2670 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 ✓ Pass

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

Yxy 30.0585, 0.3094, 0.2670

Background



This preview shows how black text looks on a background with the Yxy color 30.0585, 0.3094, 0.2670.



This preview shows how white text looks on a background with the Yxy color 30.0585, 0.3094, 0.2670.

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

30.0585, 0.3094, 0.2670

Protanopia

30.3429, 0.2688, 0.2681

Deuteranopia

30.2020, 0.2856, 0.2800



Tritanopia

29.9747, 0.3340, 0.3130

Trichromacy



Original Color

30.0585, 0.3094, 0.2670

Protanomaly

30.1671, 0.2824, 0.2680

Deuteranomaly

29.9104, 0.2932, 0.2739

Tritanomaly

29.8802, 0.3240, 0.2946

Monochromacy



Original Color

30.0585, 0.3094, 0.2670

Achromatopsia

31.8547, 0.3127, 0.3290

Achromatomaly

31.0888, 0.3118, 0.3054

CSS Examples

Text

The CSS property to change the color of the text to Yxy 30.0585, 0.3094, 0.2670 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(175, 136, 181)` looks like.

```
.text, #text, p{  
    color:rgb(175, 136, 181)  
}
```

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(175, 136, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 136, 181) }
```

Border

The CSS property to change the border of an element to Yxy 30.0585, 0.3094, 0.2670 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(175, 136, 181) }
```

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

```
.border{ border-color:rgb(175, 136, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(175, 136, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 136, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 136, 181);  
box-shadow:4px 4px 4px 4px rgb(175, 136,  
181) }
```


Background

The CSS property to change the background color of an element to Yxy 30.0585, 0.3094, 0.2670 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 136, 181) }
```

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

```
.background{ background-color: rgb(175,  
136, 181) }
```

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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