

Converting Colors

$Yxy(29.3394, 0.3062, 0.2728)$

Have a look what the booklet for
Yxy(29.3394, 0.3062, 0.2728)
contains.

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Color

Yxy(29.3905, 0.3060, 0.2723)

Conversions

Conversions Part 1

Format	Color
Hex	A889B1
RGB	168, 137, 177
RGB Percent	66%, 54%, 69%
CMY	0.3412, 0.4627, 0.3060
CMYK	0.05, 0.23, 0.00, 0.31
HSL	287°, 20%, 62%
HSV	287°, 23%, 69%
XYZ	33.0279, 29.3905, 45.5159
YIQ	150.8290, 5.6360, 19.0120

Conversions

Conversions Part 2

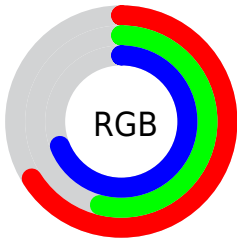
Format	Color
RYB	168, 137, 177
Decimal	11045297
CIELab	61.12, 19.09, -16.57
CIELCh	61, 25.275, 319.039
Yxy	29.3905, 0.3060, 0.2723
Android (android.graphics.Color)	4289235377 (0xFFA889B1)
YUV	150.8290, 12.9023, 15.0590
Hunter-Lab	54.2130, 13.8738, -11.8293

Details

The Yxy color **29.3905, 0.3060, 0.2723** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **39.3523, 0.3176, 0.3896**, and the grayscale version is **30.8130, 0.3127, 0.3290**.

A 20% lighter version of the original color is **58.8328, 0.3070, 0.2833**, and **11.9846, 0.3040, 0.2557** is the 20% darker color. If you saturate the color by 10%, you get **24.3360, 0.3021, 0.2460**, and if you desaturate by 10%, it is **35.2862, 0.3093, 0.2981**.

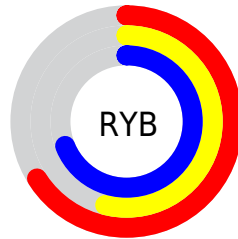
Distribution



Red (66%)

Green (54%)

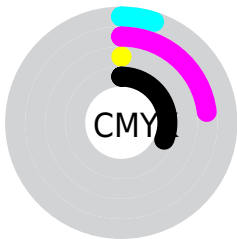
Blue (69%)



Red (66%)

Yellow (54%)

Blue (69%)

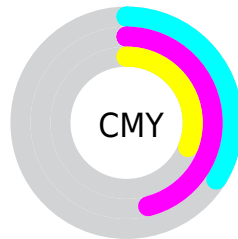


Cyan (5%)

Magenta (23%)

Yellow (0%)

Black (31%)



Cyan (34%)


Magenta (46%)


Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 29.3905, 0.3060, 0.2723 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 29.3905, 0.3060, 0.2723 by changing the saturation by 10% instead.


 29.3905, 0.3060,
0.2723


 29.3905, 0.3060,
0.2723


299.0530, 0.3101,
0.3016


 19.3764, 0.3047,
0.2647


 58.6969, 0.3077,
0.2832

 11.9426, 0.3029,
0.2548


 78.7581, 0.3082,
0.2872

 6.7046, 0.3003,
0.2413


 102.9371, 0.3087,
0.2905

 3.2781, 0.2958,
0.2220

131.6183, 0.3090,
0.2934

 1.2786, 0.2877,
0.1923

165.1861, 0.3094,
0.2959

 0.1245, 0.2862,
0.0610

204.0248, 0.3096,

 0.0000, 0.0000,

0.2980

0.0000

248.5190, 0.3099,
0.2999

■ 29.3905, 0.3060,
0.2723

■ 29.3905, 0.3060,
0.2723

■ 24.3360, 0.3021,
0.2460

■ 35.2862, 0.3093,
0.2981

■ 20.0786, 0.2975,
0.2200

■ 42.0568, 0.3121,
0.3228

■ 16.5758, 0.2925,
0.1953

■ 49.7390, 0.3143,
0.3461

■ 13.7798, 0.2869,
0.1729


■ 58.3659, 0.3161,
0.3676

■ 11.6370, 0.2811,
0.1539


■ 67.9693, 0.3175,
0.3874

 10.0863, 0.2751,
0.1391

 78.5792, 0.3186,
0.4054

 9.0545, 0.2691,
0.1288

 86.4067, 0.3199,
0.4163

 8.5104, 0.2648,
0.1232

 86.9464, 0.3224,
0.4156

 87.5003, 0.3250,
0.4149

Harmonies

Analogous

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



29.3905, 0.2685, 0.2624



29.3905, 0.3060, 0.2723



29.3905, 0.3479, 0.2949

Triad

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



29.3905, 0.3060, 0.2723



29.3905, 0.3849, 0.3879



29.3905, 0.2480, 0.3264

Complementary

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



29.3905, 0.3060, 0.2723



39.3523, 0.3176, 0.3896

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.



29.3905, 0.2761, 0.3666



29.3905, 0.3060, 0.2723



29.3905, 0.3551, 0.4028

Square

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



29.3905, 0.3060, 0.2723



29.3905, 0.3951, 0.3592



29.3905, 0.3151, 0.3958



29.3905, 0.2368, 0.2904

Rectangle

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



29.3905, 0.3060, 0.2723



29.3905, 0.3720, 0.3149



29.3905, 0.3151, 0.3958



29.3905, 0.2557, 0.3400

Sweetspot

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



29.3918, 0.3060, 0.2723



69.6439, 0.3109, 0.3118



29.1535, 0.2763, 0.2818



14.9417, 0.3107, 0.3104



89.0005, 0.3127, 0.3290



17.0645, 0.3127, 0.3290

Same Dimension

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



29.3918, 0.3060, 0.2723



48.0539, 0.3042, 0.2595



30.0031, 0.3261, 0.2879



8.5486, 0.3103, 0.3063



6.1955, 0.2654, 0.1236



0.2187, 0.2818, 0.1326

Inverse Universe

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



29.3131, 0.3479, 0.3161



47.9292, 0.3579, 0.3132



38.8827, 0.3016, 0.3740



8.5355, 0.3253, 0.3239



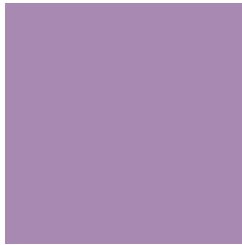
6.8900, 0.5973, 0.3064



0.2256, 0.5202, 0.2639

Previews

White Background



This preview shows how the Yxy color 29.3905, 0.3060, 0.2723 looks on a white background.

Color Contrast Check

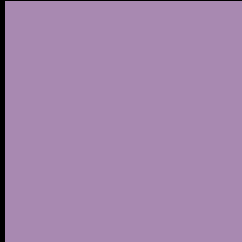
Large Text (above 18pt) WCAG AA ✓ Pass

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 29.3905, 0.3060, 0.2723 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

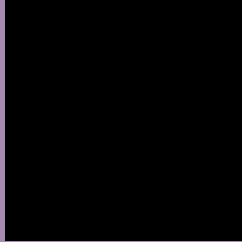
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 29.3905, 0.3060, 0.2723

Background



This preview shows how black text looks on a background with the Yxy color 29.3905, 0.3060, 0.2723.



This preview shows how white text looks on a background with the Yxy color 29.3905, 0.3060, 0.2723.

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

29.3905, 0.3060, 0.2723

Protanopia

29.4656, 0.2732, 0.2732

Deuteranopia

29.3770, 0.2871, 0.2810



Tritanopia

29.2422, 0.3254, 0.3111

Trichromacy



Original Color

29.3905, 0.3060, 0.2723

Protanomaly

29.4651, 0.2847, 0.2729

Deuteranomaly

29.1529, 0.2938, 0.2774

Tritanomaly

29.3641, 0.3174, 0.2967

Monochromacy



Original Color

29.3905, 0.3060, 0.2723

Achromatopsia

30.9469, 0.3127, 0.3290

Achromatomaly

30.2639, 0.3106, 0.3079

CSS Examples

Text

The CSS property to change the color of the text to Yxy 29.3905, 0.3060, 0.2723 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(168, 137, 177)` looks like.

```
.text, #text, p{  
    color:rgb(168, 137, 177)  
}
```

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(168, 137, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 137, 177) }
```

Border

The CSS property to change the border of an element to Yxy 29.3905, 0.3060, 0.2723 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(168, 137, 177) }
```

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

```
.border{ border-color:rgb(168, 137, 177) }
```

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

Here you see how a box with a 4 pixel `rgb(168, 137, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 137, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 137, 177);  
box-shadow:4px 4px 4px 4px rgb(168, 137,  
177) }
```


Background

The CSS property to change the background color of an element to Yxy 29.3905, 0.3060, 0.2723 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 137, 177) }
```

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

```
.background{ background-color: rgb(168,  
137, 177) }
```

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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