

Converting Colors

$Y_{xy}(28.2099, 0.3024, 0.2668)$

Have a look what the booklet for
Yxy(28.2099, 0.3024, 0.2668)
contains.

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Color

Yxy(28.2239, 0.3029, 0.2674)

Conversions

Conversions Part 1

Format	Color
Hex	A586B1
RGB	165, 134, 177
RGB Percent	65%, 53%, 69%
CMY	0.3531, 0.4744, 0.3059
CMYK	0.07, 0.24, 0.00, 0.31
HSL	283°, 22%, 61%
HSV	283°, 24%, 69%
XYZ	31.9709, 28.2239, 45.3546
YIQ	148.1710, 4.6730, 19.9450

Conversions

Conversions Part 2

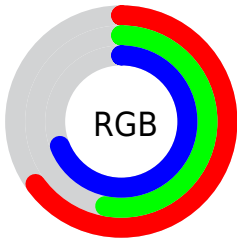
Format	Color
R_{YB}	165, 134, 177
Decimal	10847921
CIE _{Lab}	60.09, 19.75, -18.18
CIE _{LCh}	60, 26.843, 317.384
Yxy	28.2239, 0.3029, 0.2674
Android (android.graphics.Color)	4289038001 (0xFFA586B1)
YUV	148.1710, 14.2127, 14.7590
Hunter-Lab	53.1262, 14.4491, -13.4284

Details

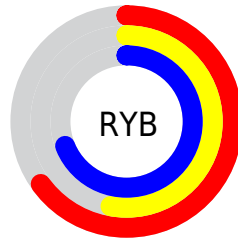
The Yxy color $28.2239, 0.3029, 0.2674$ is a light color, and the websafe version is hex $CC99CC$. A complement of this color would be $39.2803, 0.3201, 0.3942$, and the grayscale version is $29.6268, 0.3127, 0.3290$.

A 20% lighter version of the original color is $56.6395, 0.3048, 0.2785$, and $11.3066, 0.2996, 0.2487$ is the 20% darker color. If you saturate the color by 10%, you get $23.2129, 0.2976, 0.2406$, and if you desaturate by 10%, it is $34.0768, 0.3075, 0.2937$.

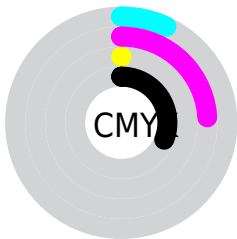
Distribution



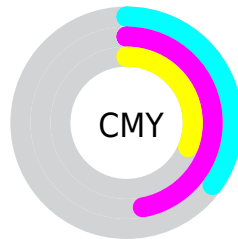
- Red (65%)
- Green (53%)
- Blue (69%)



- Red (65%)
- Yellow (53%)
- Blue (69%)



- Cyan (7%)
- Magenta (24%)
- Yellow (0%)
- Black (31%)





- Cyan (35%)
- Magenta (47%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 28.2239, 0.3029, 0.2674 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 28.2239, 0.3029, 0.2674 by changing the saturation by 10% instead.


 28.2239, 0.3029,
0.2674


 28.2239, 0.3029,
0.2674


293.5353, 0.3087,
0.2993


 18.4945, 0.3011,
0.2591


 56.8417, 0.3052,
0.2793

 11.3056, 0.2986,
0.2482


 76.4989, 0.3060,
0.2836

 6.2728, 0.2949,
0.2335


 100.2342, 0.3067,
0.2873

 3.0116, 0.2889,
0.2123

128.4319, 0.3072,
0.2904

 1.1378, 0.2779,
0.1799

161.4765, 0.3077,
0.2931

 0.0100, 0.2703,
0.0055

199.7523, 0.3081,

 0.0000, 0.0000,

0.2954

0.0000

243.6438, 0.3084,
0.2975

■ 28.2239, 0.3029,
0.2674

■ 28.2239, 0.3029,
0.2674

■ 23.2129, 0.2976,
0.2406

■ 34.0768, 0.3075,
0.2937

■ 18.9993, 0.2916,
0.2140

■ 40.8060, 0.3113,
0.3187

■ 15.5398, 0.2849,
0.1887

■ 48.4486, 0.3145,
0.3422

■ 12.7854, 0.2777,
0.1657

■ 57.0383, 0.3170,
0.3640

■ 10.6815, 0.2703,
0.1463

■ 66.6071, 0.3191,
0.3839

9.1650, 0.2627,
0.1311

77.1854, 0.3207,
0.4020

8.1601, 0.2554,
0.1205

86.9267, 0.3223,
0.4156

7.7186, 0.2513,
0.1158

87.6189, 0.3255,
0.4147

88.3334, 0.3287,
0.4139

Harmonies

Analogous

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



28.2239, 0.2633, 0.2577



28.2239, 0.3029, 0.2674



28.2239, 0.3481, 0.2908

Triad

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



28.2239, 0.3029, 0.2674



28.2239, 0.3915, 0.3905



28.2239, 0.2445, 0.3283

Complementary

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



28.2239, 0.3029, 0.2674



39.2803, 0.3201, 0.3942

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.



28.2239, 0.2753, 0.3718



28.2239, 0.3029, 0.2674



28.2239, 0.3602, 0.4082

Square

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



28.2239, 0.3029, 0.2674



28.2239, 0.4013, 0.3591



28.2239, 0.3175, 0.4024



28.2239, 0.2316, 0.2891

Rectangle

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



28.2239, 0.3029, 0.2674



28.2239, 0.3746, 0.3119



28.2239, 0.3175, 0.4024



28.2239, 0.2530, 0.3431

Sweetspot

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



28.2251, 0.3029, 0.2674



69.5004, 0.3103, 0.3118



28.8628, 0.2736, 0.2812



14.9082, 0.3101, 0.3103



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.



28.2251, 0.3029, 0.2674



45.6880, 0.3002, 0.2534



29.2180, 0.3250, 0.2818



8.5247, 0.3094, 0.3062



5.6243, 0.2520, 0.1162



0.2044, 0.2721, 0.1273

Inverse Universe

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



28.4797, 0.3486, 0.3117



46.2756, 0.3589, 0.3078



38.5056, 0.3024, 0.3813



8.5431, 0.3245, 0.3226



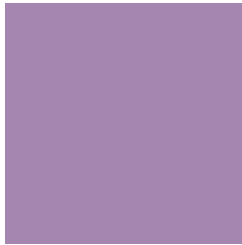
6.9456, 0.5796, 0.2967



0.2287, 0.4991, 0.2523

Previews

White Background



This preview shows how the Yxy color 28.2239, 0.3029, 0.2674 looks on a white background.

Color Contrast Check

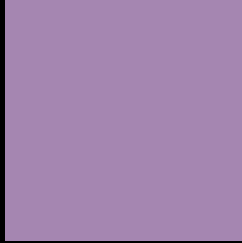
Large Text (above 18pt) WCAG AA ✓ Pass

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 28.2239, 0.3029, 0.2674 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

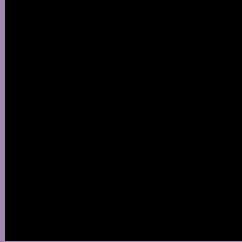
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 28.2239, 0.3029, 0.2674

Background



This preview shows how black text looks on a background with the Yxy color 28.2239, 0.3029, 0.2674.



This preview shows how white text looks on a background with the Yxy color 28.2239, 0.3029, 0.2674.

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

28.2239, 0.3029, 0.2674

Protanopia

28.2565, 0.2685, 0.2665

Deuteranopia

28.3704, 0.2840, 0.2787



Tritanopia

28.2443, 0.3255, 0.3123

Trichromacy



Original Color

28.2239, 0.3029, 0.2674

Protanomaly

28.2034, 0.2806, 0.2676

Deuteranomaly

28.2752, 0.2908, 0.2739

Tritanomaly

28.1108, 0.3165, 0.2947

Monochromacy



Original Color

28.2239, 0.3029, 0.2674

Achromatopsia

29.6138, 0.3127, 0.3290

Achromatomaly

29.0181, 0.3086, 0.3046

CSS Examples

Text

The CSS property to change the color of the text to Yxy 28.2239, 0.3029, 0.2674 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(165, 134, 177)` looks like.

```
.text, #text, p{  
    color:rgb(165, 134, 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(165, 134, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 134, 177) }
```

Border

The CSS property to change the border of an element to Yxy 28.2239, 0.3029, 0.2674 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(165, 134, 177) }
```

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

```
.border{ border-color:rgb(165, 134, 177) }
```

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

Here you see how a box with a 4 pixel `rgb(165, 134, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(165, 134, 177); -webkit-box-shadow:4px 4px 4px 4px rgb(165, 134, 177); box-shadow:4px 4px 4px 4px rgb(165, 134, 177) }
```


Background

The CSS property to change the background color of an element to Yxy 28.2239, 0.3029, 0.2674 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 134, 177) }
```

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

```
.background{ background-color: rgb(165,  
134, 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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