

Converting Colors

$Y_{xy}(29.5684, 0.2923, 0.2409)$

Have a look what the booklet for
Yxy(29.5684, 0.2923, 0.2409)
contains.

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Color

Yxy(29.5784, 0.2925, 0.2410)

Conversions

Conversions Part 1

Format	Color
Hex	AE84C6
RGB	174, 132, 198
RGB Percent	68%, 52%, 78%
CMY	0.3177, 0.4823, 0.2235
CMYK	0.12, 0.33, 0.00, 0.22
HSL	278°, 37%, 65%
HSV	278°, 33%, 78%
XYZ	35.8991, 29.5784, 57.2545
YIQ	152.0820, 3.8460, 29.4300

Conversions

Conversions Part 2

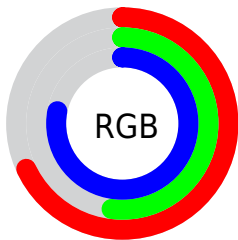
Format	Color
RYB	174, 132, 198
Decimal	11437254
CIELab	61.29, 28.28, -28.17
CIELCh	61, 39.920, 315.114
Yxy	29.5784, 0.2925, 0.2410
Android (android.graphics.Color)	4289627334 (0xFFAE84C6)
YUV	152.0820, 22.6376, 19.2221
Hunter-Lab	54.3860, 22.6486, -24.3469

Details

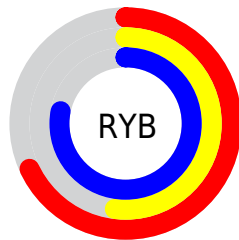
The Yxy color **29.5784, 0.2925, 0.2410** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **49.1350, 0.3268, 0.4217**, and the grayscale version is **31.3364, 0.3127, 0.3290**.

A 20% lighter version of the original color is **59.1608, 0.2969, 0.2574**, and **12.1132, 0.2849, 0.2166** is the 20% darker color. If you saturate the color by 10%, you get **23.9030, 0.2844, 0.2131**, and if you desaturate by 10%, it is **36.3200, 0.2997, 0.2688**.

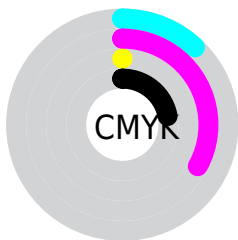
Distribution



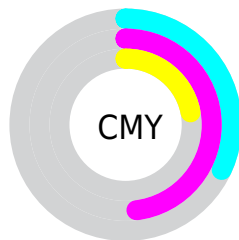
- Red (68%)
- Green (52%)
- Blue (78%)



- Red (68%)
- Yellow (52%)
- Blue (78%)



- Cyan (12%)
- Magenta (33%)
- Yellow (0%)
- Black (22%)





- Cyan (32%)
- Magenta (48%)
- Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 29.5784, 0.2925, 0.2410 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 29.5784, 0.2925, 0.2410 by changing the saturation by 10% instead.


 29.5784, 0.2925,
0.2410


 29.5784, 0.2925,
0.2410


299.9343, 0.3042,
0.2852


 19.5188, 0.2891,
0.2301

 58.9948, 0.2971,
0.2570

 12.0457, 0.2844,
0.2161


 79.1204, 0.2988,
0.2630

 6.7748, 0.2776,
0.1978


 103.3701, 0.3001,
0.2681

 3.3217, 0.2672,
0.1729

132.1283, 0.3012,
0.2725

 1.3019, 0.2498,
0.1377

165.7795, 0.3021,
0.2763

 0.1427, 0.2281,
0.0394

204.7079, 0.3029,

 0.0000, 0.0000,

0.2796

0.0000

249.2981, 0.3036,
0.2826

■ 29.5784, 0.2925,
0.2410

■ 29.5784, 0.2925,
0.2410

■ 23.9030, 0.2844,
0.2131

■ 36.3200, 0.2997,
0.2688

■ 19.2316, 0.2755,
0.1861

■ 44.1781, 0.3059,
0.2956

■ 15.5011, 0.2659,
0.1612

■ 53.2040, 0.3112,
0.3209

■ 12.6394, 0.2561,
0.1397

■ 63.4450, 0.3156,
0.3445

■ 10.5639, 0.2463,
0.1226

■ 74.9456, 0.3192,
0.3660

■ 9.1749, 0.2368,
0.1105

■ 87.7478, 0.3222,
0.3856

■ 8.5083, 0.2309,
0.1045

■ 91.5175, 0.3264,
0.3888

■ 92.6970, 0.3311,
0.3879

■ 93.9260, 0.3358,
0.3870

Harmonies

Analogous

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



29.5784, 0.2382, 0.2285



29.5784, 0.2925, 0.2410



29.5784, 0.3588, 0.2717

Triad

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



29.5784, 0.2925, 0.2410



29.5784, 0.4281, 0.4113



29.5784, 0.2175, 0.3309

Complementary

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



29.5784, 0.2925, 0.2410



49.1350, 0.3268, 0.4217

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.



29.5784, 0.2614, 0.3979



29.5784, 0.2925, 0.2410



29.5784, 0.3832, 0.4434

Square

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



29.5784, 0.2925, 0.2410



29.5784, 0.4418, 0.3643



29.5784, 0.3220, 0.4420



29.5784, 0.1987, 0.2726

Rectangle

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



29.5784, 0.2925, 0.2410



29.5784, 0.3995, 0.2997



29.5784, 0.3220, 0.4420



29.5784, 0.2296, 0.3537

Sweetspot

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



29.5796, 0.2925, 0.2410



83.0773, 0.3077, 0.3039



32.8321, 0.2581, 0.2679



17.3104, 0.3069, 0.3002



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.



29.5796, 0.2925, 0.2410



44.8872, 0.2867, 0.2207



32.1964, 0.3253, 0.2570



10.6161, 0.3081, 0.3058



5.5817, 0.2320, 0.1052



0.3042, 0.2508, 0.1155

Inverse Universe

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



30.9144, 0.3613, 0.2975



47.7660, 0.3766, 0.2905



47.2205, 0.3023, 0.4137



10.6997, 0.3233, 0.3206



8.1277, 0.5499, 0.2803



0.3987, 0.4922, 0.2485

Previews

White Background



This preview shows how the Yxy color 29.5784, 0.2925, 0.2410 looks on a white background.

Color Contrast Check

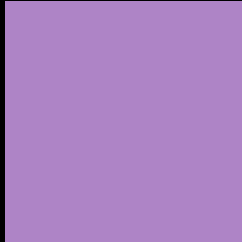
Large Text (above 18pt) WCAG AA ✓ Pass

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 29.5784, 0.2925, 0.2410 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

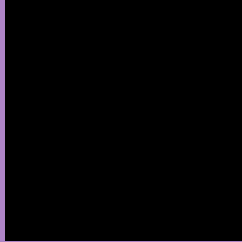
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 29.5784, 0.2925, 0.2410

Background



This preview shows how black text looks on a background with the Yxy color 29.5784, 0.2925, 0.2410.



This preview shows how white text looks on a background with the Yxy color 29.5784, 0.2925, 0.2410.

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

29.5784, 0.2925, 0.2410

Protanopia

29.8283, 0.2465, 0.2384

Deuteranopia

29.8163, 0.2624, 0.2569



Tritanopia

29.5322, 0.3297, 0.3128

Trichromacy



Original Color

29.5784, 0.2925, 0.2410

Protanomaly

29.4773, 0.2610, 0.2388

Deuteranomaly

29.5193, 0.2722, 0.2506

Tritanomaly

29.5876, 0.3159, 0.2847

Monochromacy



Original Color

29.5784, 0.2925, 0.2410

Achromatopsia

31.3989, 0.3127, 0.3290

Achromatomaly

30.5890, 0.3052, 0.2937

CSS Examples

Text

The CSS property to change the color of the text to Yxy 29.5784, 0.2925, 0.2410 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(174, 132, 198)` looks like.

```
.text, #text, p{  
    color:rgb(174, 132, 198)  
}
```

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(174, 132, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 132, 198) }
```

Border

The CSS property to change the border of an element to Yxy 29.5784, 0.2925, 0.2410 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(174, 132, 198) }
```

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

```
.border{ border-color:rgb(174, 132, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(174, 132, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 132, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 132, 198);  
box-shadow:4px 4px 4px 4px rgb(174, 132,  
198) }
```


Background

The CSS property to change the background color of an element to Yxy 29.5784, 0.2925, 0.2410 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 132, 198) }
```

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

```
.background{ background-color: rgb(174,  
132, 198) }
```

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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