

Converting Colors

$Y_{xy}(28.9088, 0.3098, 0.2827)$

Have a look what the booklet for
Yxy(28.9088, 0.3098, 0.2827)
contains.

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Color

Yxy(29.0409, 0.3106, 0.2839)

Conversions

Conversions Part 1

Format	Color
Hex	A58AA9
RGB	165, 138, 169
RGB Percent	65%, 54%, 66%
CMY	0.3529, 0.4589, 0.3372
CMYK	0.02, 0.18, 0.00, 0.34
HSL	292°, 15%, 60%
HSV	292°, 18%, 66%
XYZ	31.7721, 29.0409, 41.4797
YIQ	149.6070, 6.1410, 15.3650

Conversions

Conversions Part 2

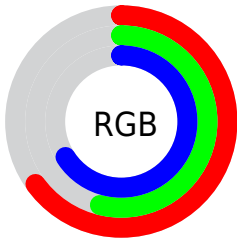
Format	Color
R_{YB}	165, 138, 169
Decimal	10848937
CIE _{Lab}	60.82, 15.90, -12.54
CIE _{LCh}	61, 20.248, 321.732
Yxy	29.0409, 0.3106, 0.2839
Android (android.graphics.Color)	4289039017 (0xFFA58AA9)
YUV	149.6070, 9.5607, 13.4997
Hunter-Lab	53.8896, 10.9328, -7.9137

Details

The Yxy color **29.0409, 0.3106, 0.2839** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **35.9712, 0.3141, 0.3774**, and the grayscale version is **30.2829, 0.3127, 0.3290**.

A 20% lighter version of the original color is **58.2967, 0.3112, 0.2935**, and **11.7745, 0.3093, 0.2696** is the 20% darker color. If you saturate the color by 10%, you get **24.3320, 0.3090, 0.2585**, and if you desaturate by 10%, it is **34.5111, 0.3119, 0.3089**.

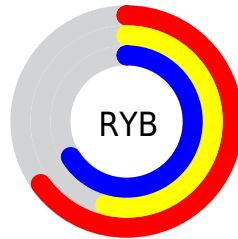
Distribution



Red (65%)

Green (54%)

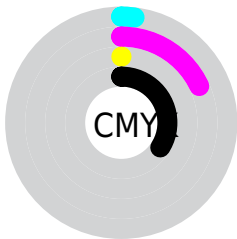
Blue (66%)



Red (65%)

Yellow (54%)

Blue (66%)

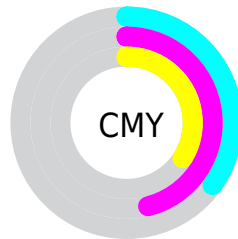


Cyan (2%)

Magenta (18%)

Yellow (0%)

Black (34%)



Cyan (35%)


Magenta (46%)


Yellow (34%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 29.0409, 0.3106, 0.2839 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 29.0409, 0.3106, 0.2839 by changing the saturation by 10% instead.


 29.0409, 0.3106,
0.2839


 29.0409, 0.3106,
0.2839


297.4079, 0.3120,
0.3075


 19.1118, 0.3101,
0.2777


 58.1421, 0.3112,
0.2927

 11.7511, 0.3093,
0.2695


 78.0829, 0.3114,
0.2959

 6.5744, 0.3081,
0.2582


 102.1297, 0.3116,
0.2986

 3.1974, 0.3060,
0.2418

130.6669, 0.3117,
0.3009

 1.2356, 0.3018,
0.2157

164.0790, 0.3118,
0.3029

 0.0905, 0.3079,
0.0588

202.7502, 0.3119,

 0.0000, 0.0000,

0.3046

0.0000

247.0651, 0.3120,
0.3061

■ 29.0409, 0.3106,
0.2839

■ 29.0409, 0.3106,
0.2839

■ 24.3320, 0.3090,
0.2585

■ 34.5111, 0.3119,
0.3089

■ 20.3457, 0.3070,
0.2334

■ 40.7714, 0.3129,
0.3328

■ 17.0459, 0.3047,
0.2095

■ 47.8537, 0.3136,
0.3554

■ 14.3915, 0.3020,
0.1878

■ 55.7871, 0.3140,
0.3765

■ 12.3371, 0.2990,
0.1692

■ 64.5991, 0.3143,
0.3958

■ 10.8316, 0.2959,
0.1545

■ 74.3161, 0.3145,
0.4134

■ 9.8151, 0.2926,
0.1440

■ 84.1238, 0.3146,
0.4282

■ 9.1818, 0.2893,
0.1374

■ 84.3882, 0.3160,
0.4278

■ 9.0885, 0.2888,
0.1364

■ 84.6567, 0.3173,
0.4274

Harmonies

Analogous

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



29.0409, 0.2794, 0.2749



29.0409, 0.3106, 0.2839



29.0409, 0.3440, 0.3034

Triad

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



29.0409, 0.3106, 0.2839



29.0409, 0.3694, 0.3786



29.0409, 0.2588, 0.3245

Complementary

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



29.0409, 0.3106, 0.2839



35.9712, 0.3141, 0.3774

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.



29.0409, 0.2808, 0.3563



29.0409, 0.3106, 0.2839



29.0409, 0.3446, 0.3883

Square

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



29.0409, 0.3106, 0.2839



29.0409, 0.3789, 0.3566



29.0409, 0.3120, 0.3805



29.0409, 0.2507, 0.2962

Rectangle

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



29.0409, 0.3106, 0.2839



29.0409, 0.3625, 0.3203



29.0409, 0.3120, 0.3805



29.0409, 0.2647, 0.3352

Sweetspot

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



29.0422, 0.3106, 0.2839



64.1854, 0.3121, 0.3144



27.6531, 0.2835, 0.2868



13.8456, 0.3121, 0.3129



84.8088, 0.3127, 0.3290



15.4872, 0.3127, 0.3290

Same Dimension

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



29.0422, 0.3106, 0.2839



48.4337, 0.3100, 0.2737



29.0694, 0.3264, 0.3003



7.6168, 0.3118, 0.3066



6.7876, 0.2891, 0.1366



0.1783, 0.3003, 0.1428

Inverse Universe

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



28.5658, 0.3432, 0.3231



47.4384, 0.3516, 0.3217



35.9703, 0.3011, 0.3596



7.5575, 0.3266, 0.3261



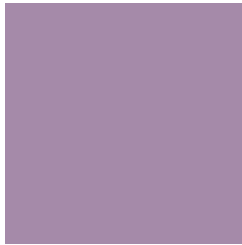
6.3339, 0.6206, 0.3192



0.1587, 0.5559, 0.2836

Previews

White Background



This preview shows how the Yxy color 29.0409, 0.3106, 0.2839 looks on a white background.

Color Contrast Check

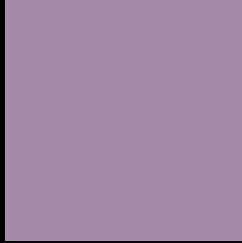
Large Text (above 18pt) WCAG AA ✓ Pass

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 29.0409, 0.3106, 0.2839 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

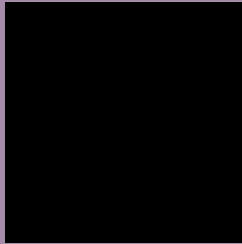
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 29.0409, 0.3106, 0.2839

Background



This preview shows how black text looks on a background with the Yxy color 29.0409, 0.3106, 0.2839.



This preview shows how white text looks on a background with the Yxy color 29.0409, 0.3106, 0.2839.

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

29.0409, 0.3106, 0.2839

Protanopia

29.2765, 0.2824, 0.2860

Deuteranopia

29.0514, 0.2971, 0.2911



Tritanopia

29.1033, 0.3253, 0.3125

Trichromacy



Original Color

29.0409, 0.3106, 0.2839

Protanomaly

29.1075, 0.2925, 0.2853

Deuteranomaly

28.9448, 0.3022, 0.2886

Tritanomaly

29.1173, 0.3204, 0.3023

Monochromacy



Original Color

29.0409, 0.3106, 0.2839

Achromatopsia

30.4987, 0.3127, 0.3290

Achromatomaly

29.9607, 0.3114, 0.3123

CSS Examples

Text

The CSS property to change the color of the text to Yxy 29.0409, 0.3106, 0.2839 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, 138, 169)` looks like.

```
.text, #text, p{  
    color:rgb(165, 138, 169)  
}
```

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, 138, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 138, 169) }
```

Border

The CSS property to change the border of an element to Yxy 29.0409, 0.3106, 0.2839 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, 138, 169) }
```

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

```
.border{ border-color:rgb(165, 138, 169) }
```

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

Here you see how a box with a 4 pixel `rgb(165, 138, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 138, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 138, 169);  
box-shadow:4px 4px 4px 4px rgb(165, 138,  
169) }
```


Background

The CSS property to change the background color of an element to Yxy 29.0409, 0.3106, 0.2839 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 138, 169) }
```

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

```
.background{ background-color: rgb(165,  
138, 169) }
```

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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