

Converting Colors

$Y_{xy}(28.9744, 0.3137, 0.2830)$

Have a look what the booklet for
Yxy(28.9744, 0.3137, 0.2830)
contains.

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Color

Yxy(29.0807, 0.3138, 0.2829)

Conversions

Conversions Part 1

Format	Color
Hex	A889A9
RGB	168, 137, 169
RGB Percent	66%, 54%, 66%
CMY	0.3412, 0.4627, 0.3372
CMYK	0.01, 0.19, 0.00, 0.34
HSL	298°, 16%, 60%
HSV	298°, 19%, 66%
XYZ	32.2571, 29.0807, 41.4572
YIQ	149.9170, 8.2040, 16.5240

Conversions

Conversions Part 2

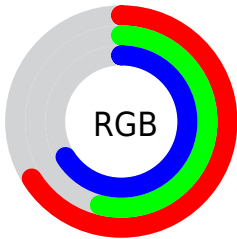
Format	Color
RYB	168, 137, 169
Decimal	11045289
CIELab	60.85, 17.50, -12.45
CIElCh	61, 21.481, 324.567
Yxy	29.0807, 0.3138, 0.2829
Android (android.graphics.Color)	4289235369 (0xFFA889A9)
YUV	149.9170, 9.4079, 15.8588
Hunter-Lab	53.9265, 12.4014, -7.8319

Details

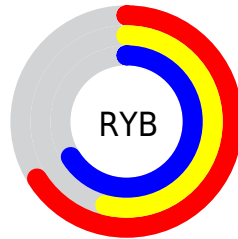
The Yxy color **29.0807, 0.3138, 0.2829** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **35.5931, 0.3113, 0.3795**, and the grayscale version is **30.4200, 0.3127, 0.3290**.

A 20% lighter version of the original color is **58.3314, 0.3136, 0.2926**, and **11.8137, 0.3140, 0.2684** is the 20% darker color. If you saturate the color by 10%, you get **24.5885, 0.3143, 0.2582**, and if you desaturate by 10%, it is **34.3284, 0.3133, 0.3075**.

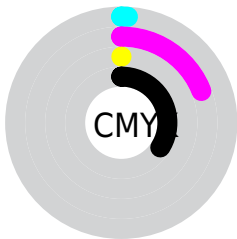
Distribution



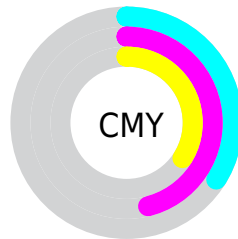
- Red (66%)
- Green (54%)
- Blue (66%)



- Red (66%)
- Yellow (54%)
- Blue (66%)



- Cyan (1%)
- Magenta (19%)
- Yellow (0%)
- Black (34%)





- Cyan (34%)
- Magenta (46%)
- Yellow (34%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 29.0807, 0.3138, 0.2829 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 29.0807, 0.3138, 0.2829 by changing the saturation by 10% instead.


 29.0807, 0.3138,
0.2829

 29.0807, 0.3138,
0.2829


297.5955, 0.3136,
0.3069


 19.1419, 0.3137,
0.2766


 58.2053, 0.3138,
0.2919

 11.7728, 0.3136,
0.2683


 78.1598, 0.3138,
0.2952

 6.5892, 0.3132,
0.2568


 102.2217, 0.3137,
0.2979

 3.2065, 0.3124,
0.2402

130.7754, 0.3137,
0.3003

 1.2405, 0.3102,
0.2139

164.2052, 0.3137,
0.3023

 0.0944, 0.3262,
0.0596

202.8956, 0.3136,

 0.0000, 0.0000,

0.3040

0.0000

247.2309, 0.3136,
0.3056

■ 29.0807, 0.3138,
0.2829

■ 29.0807, 0.3138,
0.2829

■ 24.5885, 0.3143,
0.2582

■ 34.3284, 0.3133,
0.3075

■ 20.8131, 0.3146,
0.2342

■ 40.3604, 0.3127,
0.3315

■ 17.7181, 0.3148,
0.2119

■ 47.2088, 0.3120,
0.3543

■ 15.2621, 0.3148,
0.1921

■ 54.9027, 0.3114,
0.3756

■ 13.3997, 0.3147,
0.1757

■ 63.4697, 0.3107,
0.3954

■ 12.0792, 0.3143,
0.1633

■ 72.9362, 0.3101,
0.4135

■ 11.2402, 0.3138,
0.1550

■ 83.1277, 0.3096,
0.4297

■ 10.7667, 0.3131,
0.1503

■ 83.1883, 0.3099,
0.4296

■ 10.7219, 0.3131,
0.1498

■ 83.2492, 0.3102,
0.4295

Harmonies

Analogous

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



29.0807, 0.2802, 0.2722



29.0807, 0.3138, 0.2829



29.0807, 0.3489, 0.3043

Triad

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



29.0807, 0.3138, 0.2829



29.0807, 0.3709, 0.3831



29.0807, 0.2542, 0.3209

Complementary

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



29.0807, 0.3138, 0.2829



35.5931, 0.3113, 0.3795

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.



29.0807, 0.2761, 0.3549



29.0807, 0.3138, 0.2829



29.0807, 0.3433, 0.3921

Square

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



29.0807, 0.3138, 0.2829



29.0807, 0.3828, 0.3605



29.0807, 0.3086, 0.3821



29.0807, 0.2472, 0.2918

Rectangle

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



29.0807, 0.3138, 0.2829



29.0807, 0.3678, 0.3224



29.0807, 0.3086, 0.3821



29.0807, 0.2600, 0.3322

Sweetspot

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



29.0820, 0.3138, 0.2829



64.3833, 0.3131, 0.3144



26.3802, 0.2822, 0.2801



13.8930, 0.3131, 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.



29.0820, 0.3138, 0.2829



48.3141, 0.3140, 0.2718



28.6641, 0.3303, 0.3039



7.6543, 0.3133, 0.3067



7.9938, 0.3132, 0.1499



0.1981, 0.3159, 0.1514

Inverse Universe

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



28.1639, 0.3478, 0.3276



46.3506, 0.3584, 0.3272



35.9659, 0.2982, 0.3555



7.5460, 0.3281, 0.3283



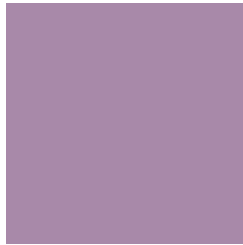
6.2968, 0.6357, 0.3276



0.1544, 0.6163, 0.3169

Previews

White Background



This preview shows how the Yxy color 29.0807, 0.3138, 0.2829 looks on a white background.

Color Contrast Check

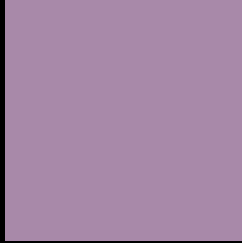
Large Text (above 18pt) WCAG AA ✓ Pass

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 29.0807, 0.3138, 0.2829 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

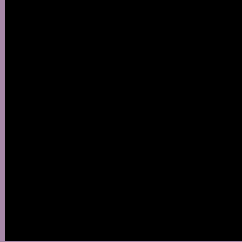
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 29.0807, 0.3138, 0.2829

Background



This preview shows how black text looks on a background with the Yxy color 29.0807, 0.3138, 0.2829.



This preview shows how white text looks on a background with the Yxy color 29.0807, 0.3138, 0.2829.

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

29.0807, 0.3138, 0.2829

Protanopia

29.3156, 0.2816, 0.2846

Deuteranopia

29.0514, 0.2971, 0.2911



Tritanopia

28.9899, 0.3287, 0.3126

Trichromacy



Original Color

29.0807, 0.3138, 0.2829

Protanomaly

29.2414, 0.2926, 0.2840

Deuteranomaly

29.0450, 0.3032, 0.2888

Tritanomaly

29.0409, 0.3226, 0.3010

Monochromacy



Original Color

29.0807, 0.3138, 0.2829

Achromatopsia

30.4987, 0.3127, 0.3290

Achromatomaly

29.8532, 0.3136, 0.3108

CSS Examples

Text

The CSS property to change the color of the text to Yxy 29.0807, 0.3138, 0.2829 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, 169)` looks like.

```
.text, #text, p{  
    color:rgb(168, 137, 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(168, 137, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 137, 169) }
```

Border

The CSS property to change the border of an element to Yxy 29.0807, 0.3138, 0.2829 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, 169) }
```

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

```
.border{ border-color:rgb(168, 137, 169) }
```

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, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 137, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 137, 169);  
box-shadow:4px 4px 4px 4px rgb(168, 137,  
169) }
```


Background

The CSS property to change the background color of an element to Yxy 29.0807, 0.3138, 0.2829 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, 169) }
```

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

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