

Converting Colors

$Y_{xy}(29.0582, 0.3818, 0.3207)$

Have a look what the booklet for
Yxy(29.0582, 0.3818, 0.3207)
contains.

Yxy(28.9474, 0.3815, 0.3197)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(28.9474, 0.3815, 0.3197)

Conversions

Conversions Part 1

Format	Color
Hex	C28188
RGB	194, 129, 136
RGB Percent	76%, 51%, 53%
CMY	0.2392, 0.4941, 0.4667
CMYK	0.00, 0.34, 0.30, 0.24
HSL	354°, 35%, 63%
HSV	354°, 34%, 76%
XYZ	34.5431, 28.9474, 27.0550
YIQ	149.2330, 36.4930, 15.9570

Conversions

Conversions Part 2

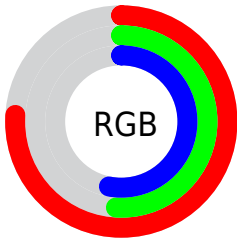
Format	Color
RYB	194, 129, 136
Decimal	12747144
CIELab	60.74, 26.06, 6.57
CIELCh	61, 26.875, 14.142
Yxy	28.9474, 0.3815, 0.3197
Android (android.graphics.Color)	4290937224 (0xFFC28188)
YUV	149.2330, -6.5239, 39.2607
Hunter-Lab	53.8028, 20.4478, 7.8477

Details

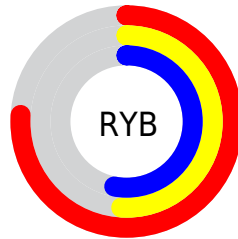
The Yxy color **28.9474, 0.3815, 0.3197** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **46.8431, 0.2699, 0.3388**, and the grayscale version is **30.1751, 0.3127, 0.3290**.

A 20% lighter version of the original color is **57.8255, 0.3676, 0.3218**, and **11.7528, 0.4071, 0.3163** is the 20% darker color. If you saturate the color by 10%, you get **23.8605, 0.4131, 0.3170**, and if you desaturate by 10%, it is **35.0869, 0.3556, 0.3226**.

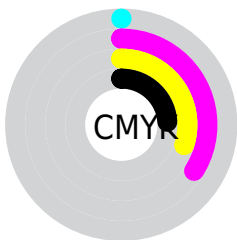
Distribution



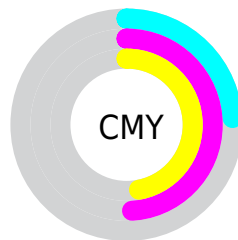
- Red (76%)
- Green (51%)
- Blue (53%)



- Red (76%)
- Yellow (51%)
- Blue (53%)



- Cyan (0%)
- Magenta (34%)
- Yellow (30%)
- Black (24%)




- Cyan (24%)
- Magenta (49%)
- Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 28.9474, 0.3815, 0.3197 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 28.9474, 0.3815, 0.3197 by changing the saturation by 10% instead.


 28.9474, 0.3815,
0.3197


 28.9474, 0.3815,
0.3197


296.9667, 0.3441,
0.3254

 19.0410, 0.3919,
0.3179


 57.9935, 0.3671,
0.3220

 11.6999, 0.4060,
0.3153


 77.9020, 0.3620,
0.3228

 6.5397, 0.4261,
0.3112


 101.9134, 0.3577,
0.3235

 3.1759, 0.4570,
0.3044

130.4120, 0.3541,
0.3240

 1.2243, 0.5102,
0.2912

163.7822, 0.3511,
0.3244

 0.0814, 0.8976,
0.1024

202.4085, 0.3484,

 0.0000, 0.0000,


0.3248

0.0000


246.6752, 0.3461,
0.3251


 28.9474, 0.3815,
0.3197


 28.9474, 0.3815,
0.3197

 23.8605, 0.4131,
0.3170


 35.0869, 0.3556,
0.3226


 19.7632, 0.4506,
0.3148


 42.3291, 0.3347,
0.3254


 16.5922, 0.4932,
0.3136


 50.7260, 0.3178,
0.3281


 14.2750, 0.5379,
0.3140


 60.3250, 0.3042,
0.3306


 12.7286, 0.5798,
0.3163

 71.1709, 0.2933,
0.3329

 11.8529, 0.6127,
0.3206

 83.3061, 0.2844,
0.3349

 11.5240, 0.6278,
0.3232

 90.2104, 0.2773,
0.3289

Harmonies

Analogous

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



28.9474, 0.3431, 0.2881



28.9474, 0.3815, 0.3197



28.9474, 0.4001, 0.3552

Triad

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



28.9474, 0.3815, 0.3197



28.9474, 0.3222, 0.4038



28.9474, 0.2370, 0.2668

Complementary

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



28.9474, 0.3815, 0.3197



46.8431, 0.2699, 0.3388

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.



28.9474, 0.2325, 0.2930



28.9474, 0.3815, 0.3197



28.9474, 0.2797, 0.3757

Square

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



28.9474, 0.3815, 0.3197



28.9474, 0.3640, 0.4067



28.9474, 0.2475, 0.3331



28.9474, 0.2601, 0.2580

Rectangle

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



28.9474, 0.3815, 0.3197



28.9474, 0.3983, 0.3774



28.9474, 0.2475, 0.3331



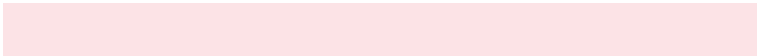
28.9474, 0.2334, 0.2736

Sweetspot

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



28.9488, 0.3815, 0.3197



81.5385, 0.3286, 0.3263



30.0888, 0.3088, 0.2449



17.3944, 0.3311, 0.3259



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.



28.9488, 0.3815, 0.3197



45.6845, 0.4034, 0.3177



36.1406, 0.3789, 0.3627



10.0951, 0.3272, 0.3266



7.5821, 0.6257, 0.3221



0.3336, 0.5830, 0.2985

Inverse Universe

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



28.9488, 0.3815, 0.3197



45.6845, 0.4034, 0.3177



36.9718, 0.2610, 0.2925



10.0951, 0.3272, 0.3266



7.5821, 0.6257, 0.3221



0.3336, 0.5830, 0.2985

Previews

White Background



This preview shows how the Yxy color 28.9474, 0.3815, 0.3197 looks on a white background.

Color Contrast Check

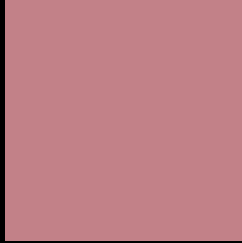
Large Text (above 18pt) WCAG AA ✓ Pass

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 28.9474, 0.3815, 0.3197 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

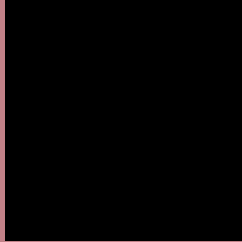
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 28.9474, 0.3815, 0.3197

Background



This preview shows how black text looks on a background with the Yxy color 28.9474, 0.3815, 0.3197.



This preview shows how white text looks on a background with the Yxy color 28.9474, 0.3815, 0.3197.

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

28.9474, 0.3815, 0.3197

Protanopia

29.0861, 0.3179, 0.3306

Deuteranopia

29.1742, 0.3474, 0.3412



Tritanopia

29.0048, 0.3791, 0.3170

Trichromacy



Original Color

28.9474, 0.3815, 0.3197

Protanomaly

28.8162, 0.3393, 0.3261

Deuteranomaly

28.8707, 0.3591, 0.3321

Tritanomaly

28.9760, 0.3803, 0.3183

Monochromacy



Original Color

28.9474, 0.3815, 0.3197

Achromatopsia

30.0544, 0.3127, 0.3290

Achromatomaly

29.3590, 0.3357, 0.3261

CSS Examples

Text

The CSS property to change the color of the text to Yxy 28.9474, 0.3815, 0.3197 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(194, 129, 136)` looks like.

```
.text, #text, p{  
    color:rgb(194, 129, 136)  
}
```

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(194, 129, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 129, 136) }
```

Border

The CSS property to change the border of an element to Yxy 28.9474, 0.3815, 0.3197 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(194, 129, 136) }
```

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

```
.border{ border-color:rgb(194, 129, 136) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 129, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 129, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 129, 136);  
box-shadow:4px 4px 4px 4px rgb(194, 129,  
136) }
```


Background

The CSS property to change the background color of an element to Yxy 28.9474, 0.3815, 0.3197 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 129, 136) }
```

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

```
.background{ background-color: rgb(194,  
129, 136) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor