

Converting Colors

$Y_{xy}(29.0118, 0.3944, 0.3248)$

Have a look what the booklet for
Yxy(29.0118, 0.3944, 0.3248)
contains.

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Color

Yxy(28.9596, 0.3942, 0.3239)

Conversions

Conversions Part 1

Format	Color
Hex	C77F83
RGB	199, 127, 131
RGB Percent	78%, 50%, 51%
CMY	0.2195, 0.5020, 0.4863
CMYK	0.00, 0.36, 0.34, 0.22
HSL	357°, 39%, 64%
HSV	357°, 36%, 78%
XYZ	35.2451, 28.9596, 25.2044
YIQ	148.9840, 41.6280, 16.5080

Conversions

Conversions Part 2

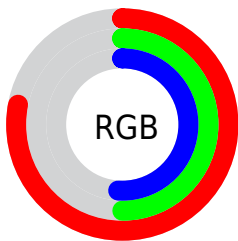
Format	Color
R_{YB}	199, 127, 131
Decimal	13074307
CIE Lab	60.75, 28.42, 9.52
CIE LCh	61, 29.967, 18.522
Yxy	28.9596, 0.3942, 0.3239
Android (android.graphics.Color)	4291264387 (0xFFC77F83)
YUV	148.9840, -8.8661, 43.8640
Hunter-Lab	53.8141, 22.7322, 9.9008

Details

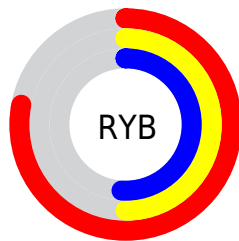
The Yxy color **28.9596, 0.3942, 0.3239** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **49.3127, 0.2647, 0.3344**, and the grayscale version is **30.0734, 0.3127, 0.3290**.

A 20% lighter version of the original color is **57.3632, 0.3751, 0.3250**, and **11.7566, 0.4225, 0.3204** is the 20% darker color. If you saturate the color by 10%, you get **23.8541, 0.4296, 0.3226**, and if you desaturate by 10%, it is **35.1757, 0.3650, 0.3253**.

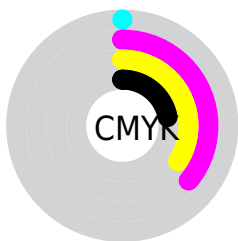
Distribution



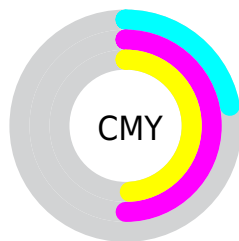
- Red (78%)
- Green (50%)
- Blue (51%)



- Red (78%)
- Yellow (50%)
- Blue (51%)



- Cyan (0%)
- Magenta (36%)
- Yellow (34%)
- Black (22%)





- Cyan (22%)
- Magenta (50%)
- Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 28.9596, 0.3942, 0.3239 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 28.9596, 0.3942, 0.3239 by changing the saturation by 10% instead.


 28.9596, 0.3942,
0.3239


 28.9596, 0.3942,
0.3239


297.0243, 0.3498,
0.3277


 19.0503, 0.4066,
0.3225


 58.0129, 0.3772,
0.3256

 11.7066, 0.4233,
0.3202


 77.9256, 0.3710,
0.3261

 6.5442, 0.4470,
0.3166


 101.9416, 0.3660,
0.3266

 3.1787, 0.4831,
0.3099

130.4453, 0.3617,
0.3269

 1.2257, 0.5487,
0.2981

163.8210, 0.3581,
0.3271

 0.0826, 0.9034,
0.0966


202.4531, 0.3550,


 0.0000, 0.0000,


0.3273


0.0000

246.7261, 0.3522,
0.3275


 28.9596, 0.3942,
0.3239

 28.9596, 0.3942,
0.3239


 23.8541, 0.4296,
0.3226

 35.1757, 0.3650,
0.3253


 19.7900, 0.4711,
0.3217


 42.5581, 0.3414,
0.3268


 16.6967, 0.5168,
0.3215


 51.1635, 0.3225,
0.3282


 14.4933, 0.5625,
0.3222


 61.0441, 0.3073,
0.3295


 13.0857, 0.6017,
0.3241

 72.2487, 0.2951,
0.3307

 12.3550, 0.6280,
0.3266

 84.8238, 0.2852,
0.3317

 12.1705, 0.6347,
0.3270

 90.8862, 0.2800,
0.3289

Harmonies

Analogous

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



28.9596, 0.3536, 0.2882



28.9596, 0.3942, 0.3239



28.9596, 0.4108, 0.3629

Triad

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



28.9596, 0.3942, 0.3239



28.9596, 0.3157, 0.4101



28.9596, 0.2316, 0.2573

Complementary

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



28.9596, 0.3942, 0.3239



49.3127, 0.2647, 0.3344

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.



28.9596, 0.2235, 0.2831



28.9596, 0.3942, 0.3239



28.9596, 0.2696, 0.3749

Square

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



28.9596, 0.3942, 0.3239



28.9596, 0.3631, 0.4170



28.9596, 0.2367, 0.3260



28.9596, 0.2596, 0.2508

Rectangle

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



28.9596, 0.3942, 0.3239



28.9596, 0.4057, 0.3871



28.9596, 0.2367, 0.3260



28.9596, 0.2266, 0.2637

Sweetspot

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



28.9610, 0.3942, 0.3239



81.8007, 0.3314, 0.3275



30.8004, 0.3120, 0.2390



17.0695, 0.3340, 0.3273



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.



28.9610, 0.3942, 0.3239



43.8670, 0.4199, 0.3229



38.2027, 0.3842, 0.3701



10.6463, 0.3281, 0.3278



7.8276, 0.6333, 0.3262



0.3740, 0.6103, 0.3135

Inverse Universe

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



28.9610, 0.3942, 0.3239



43.8670, 0.4199, 0.3229



36.5722, 0.2561, 0.2836



10.6463, 0.3281, 0.3278



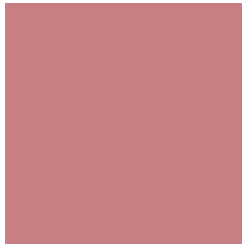
7.8276, 0.6333, 0.3262



0.3740, 0.6103, 0.3135

Previews

White Background



This preview shows how the Yxy color 28.9596, 0.3942, 0.3239 looks on a white background.

Color Contrast Check

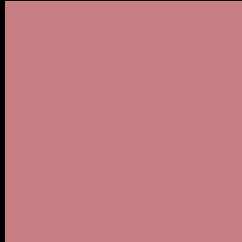
Large Text (above 18pt) WCAG AA ✓ Pass

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 28.9596, 0.3942, 0.3239 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 28.9596, 0.3942, 0.3239

Background



This preview shows how black text looks on a background with the Yxy color 28.9596, 0.3942, 0.3239.



This preview shows how white text looks on a background with the Yxy color 28.9596, 0.3942, 0.3239.

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

28.9596, 0.3942, 0.3239

Protanopia

29.0602, 0.3229, 0.3369

Deuteranopia

29.2293, 0.3561, 0.3503



Tritanopia

28.8414, 0.3884, 0.3159

Trichromacy



Original Color

28.9596, 0.3942, 0.3239

Protanomaly

28.5962, 0.3472, 0.3321

Deuteranomaly

29.0600, 0.3694, 0.3408

Tritanomaly

28.7851, 0.3909, 0.3186

Monochromacy



Original Color

28.9596, 0.3942, 0.3239

Achromatopsia

30.0544, 0.3127, 0.3290

Achromatomaly

29.2182, 0.3402, 0.3276

CSS Examples

Text

The CSS property to change the color of the text to Yxy 28.9596, 0.3942, 0.3239 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(199, 127, 131)` looks like.

```
.text, #text, p{  
  color:rgb(199, 127, 131)  
}
```

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(199, 127, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 127, 131) }
```

Border

The CSS property to change the border of an element to Yxy 28.9596, 0.3942, 0.3239 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(199, 127, 131) }
```

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

```
.border{ border-color:rgb(199, 127, 131) }
```

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

Here you see how a box with a 4 pixel rgb(199, 127, 131) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 127, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 127, 131);  
box-shadow:4px 4px 4px 4px rgb(199, 127,  
131) }
```


Background

The CSS property to change the background color of an element to Yxy 28.9596, 0.3942, 0.3239 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 127, 131) }
```

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

```
.background{ background-color: rgb(199,  
127, 131) }
```

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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