

Converting Colors

$Y_{xy}(29.2670, 0.3931, 0.3276)$

Have a look what the booklet for
Yxy(29.2670, 0.3931, 0.3276)
contains.

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Color

Yxy(29.3180, 0.3933, 0.3279)

Conversions

Conversions Part 1

Format	Color
Hex	C68182
RGB	198, 129, 130
RGB Percent	78%, 51%, 51%
CMY	0.2236, 0.4941, 0.4902
CMYK	0.00, 0.35, 0.34, 0.22
HSL	359°, 38%, 64%
HSV	359°, 35%, 78%
XYZ	35.1655, 29.3180, 24.9279
YIQ	149.7450, 40.8030, 14.9390

Conversions

Conversions Part 2

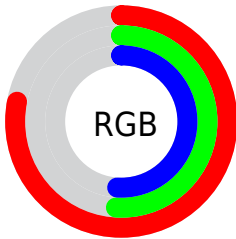
Format	Color
R _Y B	198, 129, 130
Decimal	13009282
CIE Lab	61.06, 26.79, 10.51
CIE LCh	61, 28.775, 21.431
Yxy	29.3180, 0.3933, 0.3279
Android (android.graphics.Color)	4291199362 (0xFFC68182)
YUV	149.7450, -9.7343, 42.3196
Hunter-Lab	54.1461, 21.1722, 10.6062

Details

The Yxy color **29.3180, 0.3933, 0.3279** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **49.0794, 0.2646, 0.3302**, and the grayscale version is **30.4157, 0.3127, 0.3290**.

A 20% lighter version of the original color is **58.5459, 0.3752, 0.3292**, and **11.9368, 0.4212, 0.3257** is the 20% darker color. If you saturate the color by 10%, you get **24.1233, 0.4294, 0.3276**, and if you desaturate by 10%, it is **35.6254, 0.3636, 0.3282**.

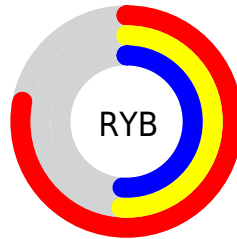
Distribution



Red (78%)

Green (51%)

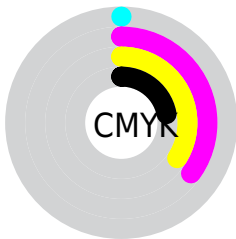
Blue (51%)



Red (78%)

Yellow (51%)

Blue (51%)

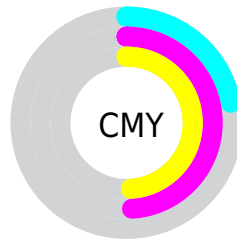


Cyan (0%)

Magenta (35%)

Yellow (34%)

Black (22%)



Cyan (22%)


Magenta (49%)


Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 29.3180, 0.3933, 0.3279 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 29.3180, 0.3933, 0.3279 by changing the saturation by 10% instead.


 29.3180, 0.3933,
0.3279


 29.3180, 0.3933,
0.3279

298.7124, 0.3495,
0.3296


 19.3215, 0.4055,
0.3270


 58.5819, 0.3765,
0.3288

 11.9028, 0.4219,
0.3255


 78.6182, 0.3704,
0.3291

 6.6775, 0.4452,
0.3229


 102.7698, 0.3655,
0.3292

 3.2613, 0.4807,
0.3176

131.4212, 0.3612,
0.3293

 1.2696, 0.5457,
0.3088

164.9568, 0.3577,
0.3294

 0.1175, 0.8670,
0.1330


203.7609, 0.3546,


 0.0000, 0.0000,


0.3295


0.0000


248.2180, 0.3519,
0.3295


 29.3180, 0.3933,
0.3279


 29.3180, 0.3933,
0.3279


 24.1233, 0.4294,
0.3276


 35.6254, 0.3636,
0.3282

 19.9728, 0.4719,
0.3275


 43.1003, 0.3397,
0.3285


 16.7972, 0.5188,
0.3275

 51.7990, 0.3206,
0.3289

 14.5169, 0.5654,
0.3278

 61.7729, 0.3052,
0.3292

 13.0399, 0.6048,
0.3284

 73.0705, 0.2929,
0.3294

 12.2544, 0.6304,
0.3292

 85.7378, 0.2830,
0.3297

 12.0098, 0.6387,
0.3292

 90.7435, 0.2794,
0.3289

Harmonies

Analogous

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



29.3180, 0.3563, 0.2929



29.3180, 0.3933, 0.3279



29.3180, 0.4066, 0.3654

Triad

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



29.3180, 0.3933, 0.3279



29.3180, 0.3112, 0.4041



29.3180, 0.2366, 0.2589

Complementary

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



29.3180, 0.3933, 0.3279



49.0794, 0.2646, 0.3302

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.



29.3180, 0.2269, 0.2820



29.3180, 0.3933, 0.3279



29.3180, 0.2678, 0.3686

Square

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



29.3180, 0.3933, 0.3279



29.3180, 0.3570, 0.4137



29.3180, 0.2377, 0.3219



29.3180, 0.2654, 0.2543

Rectangle

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



29.3180, 0.3933, 0.3279



29.3180, 0.4001, 0.3879



29.3180, 0.2377, 0.3219



29.3180, 0.2312, 0.2645

Sweetspot

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



29.3194, 0.3933, 0.3279



83.2815, 0.3302, 0.3287



31.6283, 0.3156, 0.2433



17.3623, 0.3330, 0.3286



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.



29.3194, 0.3933, 0.3279



44.5927, 0.4209, 0.3277



39.5525, 0.3793, 0.3729



10.6394, 0.3287, 0.3287



7.8128, 0.6383, 0.3290



0.3708, 0.6320, 0.3255

Inverse Universe

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



29.3194, 0.3933, 0.3279



44.5927, 0.4209, 0.3277



35.5280, 0.2576, 0.2804



10.6394, 0.3287, 0.3287



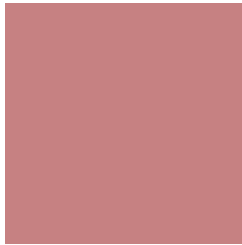
7.8128, 0.6383, 0.3290



0.3708, 0.6320, 0.3255

Previews

White Background



This preview shows how the Yxy color 29.3180, 0.3933, 0.3279 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 29.3180, 0.3933, 0.3279 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

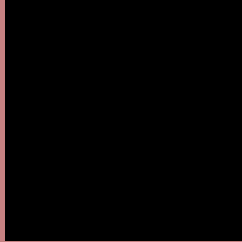
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 29.3180, 0.3933, 0.3279

Background



This preview shows how black text looks on a background with the Yxy color 29.3180, 0.3933, 0.3279.



This preview shows how white text looks on a background with the Yxy color 29.3180, 0.3933, 0.3279.

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

29.3180, 0.3933, 0.3279

Protanopia

29.4363, 0.3248, 0.3401

Deuteranopia

29.3395, 0.3573, 0.3502



Tritanopia

29.3866, 0.3864, 0.3173

Trichromacy



Original Color

29.3180, 0.3933, 0.3279

Protanomaly

28.9688, 0.3492, 0.3351

Deuteranomaly

29.1796, 0.3705, 0.3407

Tritanomaly

29.3017, 0.3900, 0.3212

Monochromacy



Original Color

29.3180, 0.3933, 0.3279

Achromatopsia

30.4987, 0.3127, 0.3290

Achromatomaly

29.5447, 0.3389, 0.3276

CSS Examples

Text

The CSS property to change the color of the text to Yxy 29.3180, 0.3933, 0.3279 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(198, 129, 130)` looks like.

```
.text, #text, p{  
    color:rgb(198, 129, 130)  
}
```

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(198, 129, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 129, 130) }
```

Border

The CSS property to change the border of an element to Yxy 29.3180, 0.3933, 0.3279 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(198, 129, 130) }
```

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

```
.border{ border-color:rgb(198, 129, 130) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 129, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 129, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 129, 130);  
box-shadow:4px 4px 4px 4px rgb(198, 129,  
130) }
```


Background

The CSS property to change the background color of an element to Yxy 29.3180, 0.3933, 0.3279 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 129, 130) }
```

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

```
.background{ background-color: rgb(198,  
129, 130) }
```

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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