

Converting Colors

$Y_{xy}(29.0103, 0.3878, 0.3126)$

Have a look what the booklet for
Yxy(29.0103, 0.3878, 0.3126)
contains.

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Color

Yxy(29.1742, 0.3882, 0.3134)

Conversions

Conversions Part 1

Format	Color
Hex	C97E8A
RGB	201, 126, 138
RGB Percent	79%, 49%, 54%
CMY	0.2118, 0.5059, 0.4588
CMYK	0.00, 0.37, 0.31, 0.21
HSL	350°, 41%, 64%
HSV	350°, 37%, 79%
XYZ	36.1373, 29.1742, 27.7779
YIQ	149.7930, 40.8480, 19.6320

Conversions

Conversions Part 2

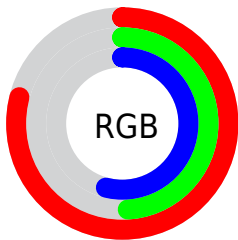
Format	Color
R _Y B	201, 126, 138
Decimal	13205130
CIE Lab	60.94, 30.61, 5.80
CIE LCh	61, 31.151, 10.732
Yxy	29.1742, 0.3882, 0.3134
Android (android.graphics.Color)	4291395210 (0xFFC97E8A)
YUV	149.7930, -5.8139, 44.9085
Hunter-Lab	54.0131, 24.9017, 7.3176

Details

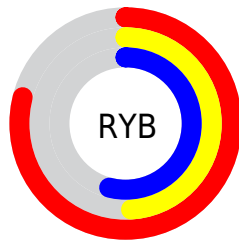
The Yxy color **29.1742, 0.3882, 0.3134** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **49.8840, 0.2680, 0.3457**, and the grayscale version is **30.4202, 0.3127, 0.3290**.

A 20% lighter version of the original color is **57.6641, 0.3689, 0.3177**, and **11.8932, 0.4151, 0.3081** is the 20% darker color. If you saturate the color by 10%, you get **24.0896, 0.4200, 0.3095**, and if you desaturate by 10%, it is **35.3703, 0.3619, 0.3177**.

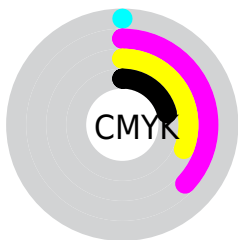
Distribution



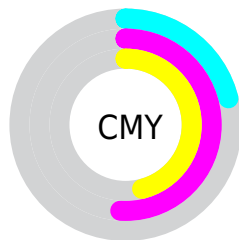
- Red (79%)
- Green (49%)
- Blue (54%)



- Red (79%)
- Yellow (49%)
- Blue (54%)



- Cyan (0%)
- Magenta (37%)
- Yellow (31%)
- Black (21%)



- Cyan (21%)
- Magenta (51%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 29.1742, 0.3882, 0.3134 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 29.1742, 0.3882, 0.3134 by changing the saturation by 10% instead.


 29.1742, 0.3882,
0.3134


 29.1742, 0.3882,
0.3134


298.0360, 0.3473,
0.3224

 19.2126, 0.3996,
0.3107


 58.3537, 0.3725,
0.3170

 11.8240, 0.4149,
0.3068


 78.3405, 0.3669,
0.3183

 6.6240, 0.4367,
0.3011


 102.4378, 0.3622,
0.3193

 3.2281, 0.4698,
0.2917

131.0300, 0.3583,
0.3201

 1.2519, 0.5259,
0.2742

164.5016, 0.3549,
0.3209

 0.1035, 0.8909,
0.1091

203.2368, 0.3520,

 0.0000, 0.0000,

0.3215

0.0000

247.6201, 0.3495,
0.3220

■ 29.1742, 0.3882,
0.3134

■ 29.1742, 0.3882,
0.3134

■ 24.0896, 0.4200,
0.3095

■ 35.3703, 0.3619,
0.3177

■ 20.0465, 0.4573,
0.3064

■ 42.7341, 0.3405,
0.3220

■ 16.9738, 0.4988,
0.3051

■ 51.3227, 0.3232,
0.3262

■ 14.7894, 0.5417,
0.3061

■ 61.1887, 0.3093,
0.3300

■ 13.3976, 0.5810,
0.3101

■ 72.3812, 0.2980,
0.3335

■ 12.6671, 0.6115,
0.3165

■ 84.9469, 0.2888,
0.3368

■ 12.5233, 0.6182,
0.3179

■ 91.1579, 0.2811,
0.3289

Harmonies

Analogous

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



29.1742, 0.3418, 0.2787



29.1742, 0.3882, 0.3134



29.1742, 0.4129, 0.3534

Triad

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



29.1742, 0.3882, 0.3134



29.1742, 0.3288, 0.4182



29.1742, 0.2246, 0.2597

Complementary

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



29.1742, 0.3882, 0.3134



49.8840, 0.2680, 0.3457

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.



29.1742, 0.2219, 0.2914



29.1742, 0.3882, 0.3134



29.1742, 0.2795, 0.3885

Square

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



29.1742, 0.3882, 0.3134



29.1742, 0.3761, 0.4172



29.1742, 0.2411, 0.3391



29.1742, 0.2484, 0.2481

Rectangle

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



29.1742, 0.3882, 0.3134



29.1742, 0.4127, 0.3795



29.1742, 0.2411, 0.3391



29.1742, 0.2213, 0.2681

Sweetspot

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



29.1756, 0.3882, 0.3134



81.9655, 0.3294, 0.3246



29.8947, 0.3043, 0.2340



17.1084, 0.3318, 0.3240



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.



29.1756, 0.3882, 0.3134



42.5799, 0.4142, 0.3101



36.0583, 0.3907, 0.3619



10.6642, 0.3265, 0.3253



7.8829, 0.6154, 0.3164



0.3822, 0.5631, 0.2875

Inverse Universe

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



29.1756, 0.3882, 0.3134



42.5799, 0.4142, 0.3101



39.7047, 0.2559, 0.2931



10.6642, 0.3265, 0.3253



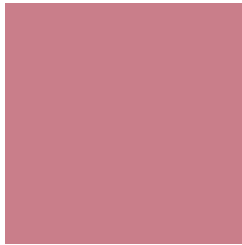
7.8829, 0.6154, 0.3164



0.3822, 0.5631, 0.2875

Previews

White Background



This preview shows how the Yxy color 29.1742, 0.3882, 0.3134 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 29.1742, 0.3882, 0.3134 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

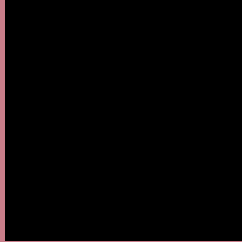
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 29.1742, 0.3882, 0.3134

Background



This preview shows how black text looks on a background with the Yxy color 29.1742, 0.3882, 0.3134.



This preview shows how white text looks on a background with the Yxy color 29.1742, 0.3882, 0.3134.

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

29.1742, 0.3882, 0.3134

Protanopia

29.4590, 0.3119, 0.3243

Deuteranopia

29.2023, 0.3463, 0.3397



Tritanopia

29.1168, 0.3907, 0.3161

Trichromacy



Original Color

29.1742, 0.3882, 0.3134

Protanomaly

28.8654, 0.3375, 0.3186

Deuteranomaly

28.9696, 0.3617, 0.3291

Tritanomaly

29.1454, 0.3895, 0.3147

Monochromacy



Original Color

29.1742, 0.3882, 0.3134

Achromatopsia

30.4987, 0.3127, 0.3290

Achromatomaly

29.5601, 0.3382, 0.3217

CSS Examples

Text

The CSS property to change the color of the text to Yxy 29.1742, 0.3882, 0.3134 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(201, 126, 138)` looks like.

```
.text, #text, p{  
    color:rgb(201, 126, 138)  
}
```

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(201, 126, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 126, 138) }
```

Border

The CSS property to change the border of an element to Yxy 29.1742, 0.3882, 0.3134 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(201, 126, 138) }
```

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

```
.border{ border-color:rgb(201, 126, 138) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 126, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 126, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 126, 138);  
box-shadow:4px 4px 4px 4px rgb(201, 126,  
138) }
```


Background

The CSS property to change the background color of an element to Yxy 29.1742, 0.3882, 0.3134 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 126, 138) }
```

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

```
.background{ background-color: rgb(201,  
126, 138) }
```

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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