

Converting Colors

$Y_{xy}(30.3179, 0.3818, 0.3181)$

Have a look what the booklet for
Yxy(30.3179, 0.3818, 0.3181)
contains.

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Color

Yxy(30.2682, 0.3816, 0.3173)

Conversions

Conversions Part 1

Format	Color
Hex	C7838C
RGB	199, 131, 140
RGB Percent	78%, 51%, 55%
CMY	0.2196, 0.4862, 0.4511
CMYK	0.00, 0.34, 0.30, 0.22
HSL	352°, 38%, 65%
HSV	352°, 34%, 78%
XYZ	36.4020, 30.2682, 28.7228
YIQ	152.3580, 37.6390, 17.2150

Conversions

Conversions Part 2

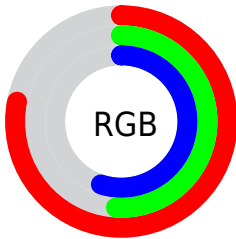
Format	Color
R _Y B	199, 131, 140
Decimal	13075340
CIE Lab	61.88, 27.39, 6.02
CIE LCh	62, 28.047, 12.386
Yxy	30.2682, 0.3816, 0.3173
Android (android.graphics.Color)	4291265420 (0xFFC7838C)
YUV	152.3580, -6.0925, 40.9050
Hunter-Lab	55.0165, 21.8265, 7.5577

Details

The Yxy color **30.2682, 0.3816, 0.3173** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **49.3938, 0.2701, 0.3414**, and the grayscale version is **31.5771, 0.3127, 0.3290**.

A 20% lighter version of the original color is **59.8082, 0.3659, 0.3208**, and **12.4627, 0.4048, 0.3131** is the 20% darker color. If you saturate the color by 10%, you get **24.9571, 0.4127, 0.3140**, and if you desaturate by 10%, it is **36.6888, 0.3560, 0.3209**.

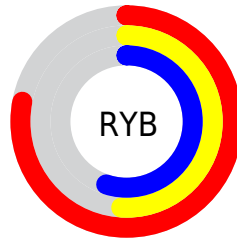
Distribution



Red (78%)

Green (51%)

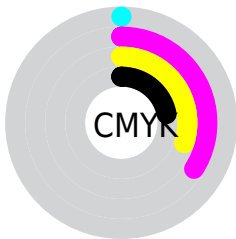
Blue (55%)



Red (78%)

Yellow (51%)

Blue (55%)

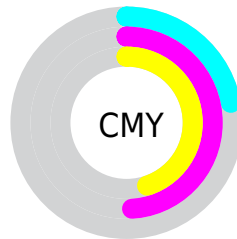


Cyan (0%)

Magenta (34%)

Yellow (30%)

Black (22%)



Cyan (22%)


Magenta (49%)

Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 30.2682, 0.3816, 0.3173 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 30.2682, 0.3816, 0.3173 by changing the saturation by 10% instead.


 30.2682, 0.3816,
0.3173


 30.2682, 0.3816,
0.3173


303.1526, 0.3444,
0.3242


 20.0422, 0.3919,
0.3152


 60.0861, 0.3674,
0.3201

 12.4258, 0.4056,
0.3122


 80.4468, 0.3623,
0.3210

 7.0343, 0.4252,
0.3078


 104.9545, 0.3580,
0.3218

 3.4836, 0.4547,
0.3004

133.9937, 0.3545,
0.3224

 1.3891, 0.5044,
0.2866

167.9487, 0.3514,
0.3230

 0.2087, 0.8061,
0.1939


207.2039, 0.3488,


 0.0000, 0.0000,


0.3234


0.0000


252.1437, 0.3465,
0.3238


 30.2682, 0.3816,
0.3173


 30.2682, 0.3816,
0.3173

 24.9571, 0.4127,
0.3140


 36.6888, 0.3560,
0.3209


 20.6886, 0.4496,
0.3113


 44.2723, 0.3353,
0.3244

 17.3950, 0.4914,
0.3098


 53.0740, 0.3187,
0.3277

 14.9990, 0.5354,
0.3102


 63.1441, 0.3052,
0.3308


 13.4116, 0.5767,
0.3130

 74.5304, 0.2944,
0.3336

 12.5253, 0.6096,
0.3181

 87.2777, 0.2855,
0.3361

 12.2182, 0.6238,
0.3210

 90.8826, 0.2800,
0.3289

Harmonies

Analogous

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



30.2682, 0.3413, 0.2853



30.2682, 0.3816, 0.3173



30.2682, 0.4022, 0.3536

Triad

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



30.2682, 0.3816, 0.3173



30.2682, 0.3250, 0.4069



30.2682, 0.2343, 0.2661

Complementary

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



30.2682, 0.3816, 0.3173



49.3938, 0.2701, 0.3414

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.



30.2682, 0.2308, 0.2940



30.2682, 0.3816, 0.3173



30.2682, 0.2811, 0.3793

Square

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



30.2682, 0.3816, 0.3173



30.2682, 0.3675, 0.4083



30.2682, 0.2472, 0.3358



30.2682, 0.2569, 0.2562

Rectangle

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



30.2682, 0.3816, 0.3173



30.2682, 0.4013, 0.3767



30.2682, 0.2472, 0.3358



30.2682, 0.2309, 0.2735

Sweetspot

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



30.2696, 0.3816, 0.3173



83.4510, 0.3282, 0.3257



31.2972, 0.3075, 0.2427



17.4029, 0.3307, 0.3252



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.



30.2696, 0.3816, 0.3173



45.9053, 0.4042, 0.3148



37.5380, 0.3812, 0.3620



10.6593, 0.3269, 0.3260



7.8637, 0.6215, 0.3197



0.3800, 0.5749, 0.2941

Inverse Universe

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



30.2696, 0.3816, 0.3173



45.9053, 0.4042, 0.3148



39.2493, 0.2602, 0.2932



10.6593, 0.3269, 0.3260



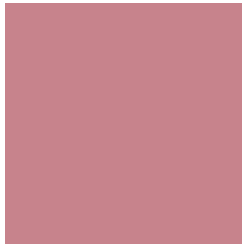
7.8637, 0.6215, 0.3197



0.3800, 0.5749, 0.2941

Previews

White Background



This preview shows how the Yxy color 30.2682, 0.3816, 0.3173 looks on a white background.

Color Contrast Check

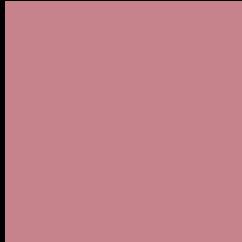
Large Text (above 18pt) WCAG AA × Fail

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 30.2682, 0.3816, 0.3173 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

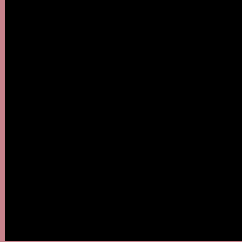
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 30.2682, 0.3816, 0.3173

Background



This preview shows how black text looks on a background with the Yxy color 30.2682, 0.3816, 0.3173.



This preview shows how white text looks on a background with the Yxy color 30.2682, 0.3816, 0.3173.

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

30.2682, 0.3816, 0.3173

Protanopia

30.3723, 0.3148, 0.3275

Deuteranopia

30.5208, 0.3457, 0.3395



Tritanopia

30.2978, 0.3804, 0.3159

Trichromacy



Original Color

30.2682, 0.3816, 0.3173

Protanomaly

29.8563, 0.3379, 0.3232

Deuteranomaly

30.3235, 0.3582, 0.3306

Tritanomaly

30.2978, 0.3804, 0.3159

Monochromacy



Original Color

30.2682, 0.3816, 0.3173

Achromatopsia

31.3989, 0.3127, 0.3290

Achromatomaly

30.5197, 0.3355, 0.3232

CSS Examples

Text

The CSS property to change the color of the text to Yxy 30.2682, 0.3816, 0.3173 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, 131, 140)` looks like.

```
.text, #text, p{  
    color:rgb(199, 131, 140)  
}
```

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, 131, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 131, 140) }
```

Border

The CSS property to change the border of an element to Yxy 30.2682, 0.3816, 0.3173 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, 131, 140) }
```

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

```
.border{ border-color:rgb(199, 131, 140) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 131, 140)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 131, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 131, 140);  
box-shadow:4px 4px 4px 4px rgb(199, 131,  
140) }
```


Background

The CSS property to change the background color of an element to Yxy 30.2682, 0.3816, 0.3173 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 131, 140) }
```

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

```
.background{ background-color: rgb(199,  
131, 140) }
```

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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