

Converting Colors

$Y_{xy}(30.0085, 0.3812, 0.3083)$

Have a look what the booklet for
Yxy(30.0085, 0.3812, 0.3083)
contains.

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Color

Yxy(30.0085, 0.3812, 0.3083)

Conversions

Conversions Part 1

Format	Color
Hex	CA8090
RGB	202, 128, 144
RGB Percent	79%, 50%, 56%
CMY	0.2080, 0.4980, 0.4353
CMYK	0.00, 0.37, 0.29, 0.21
HSL	347°, 41%, 65%
HSV	347°, 37%, 79%
XYZ	37.1042, 30.0085, 30.2226
YIQ	151.9500, 38.9680, 20.6640

Conversions

Conversions Part 2

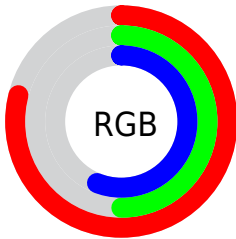
Format	Color
R _Y B	202, 128, 144
Decimal	13271184
CIE Lab	61.66, 30.68, 3.44
CIE LCh	62, 30.869, 6.391
Yxy	30.0085, 0.3812, 0.3083
Android (android.graphics.Color)	4291461264 (0xFFCA8090)
YUV	151.9500, -3.9193, 43.8939
Hunter-Lab	54.7800, 25.0387, 5.6352

Details

The Yxy color **30.0085, 0.3812, 0.3083** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **50.3624, 0.2712, 0.3513**, and the grayscale version is **31.3824, 0.3127, 0.3290**.

A 20% lighter version of the original color is **58.7931, 0.3623, 0.3125**, and **12.2269, 0.4048, 0.2994** is the 20% darker color. If you saturate the color by 10%, you get **24.8034, 0.4103, 0.3028**, and if you desaturate by 10%, it is **36.3330, 0.3571, 0.3142**.

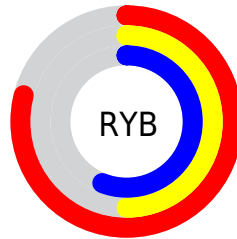
Distribution



Red (79%)

Green (50%)

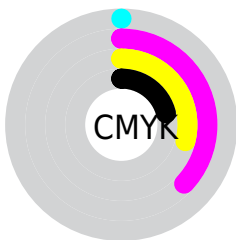
Blue (56%)



Red (79%)

Yellow (50%)

Blue (56%)

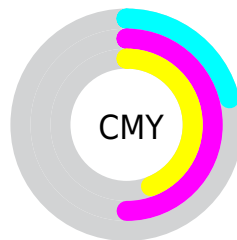


Cyan (0%)

Magenta (37%)

Yellow (29%)

Black (21%)



Cyan (21%)

Magenta (50%)

Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 30.0085, 0.3812, 0.3083 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 30.0085, 0.3812, 0.3083 by changing the saturation by 10% instead.

 30.0085, 0.3812,
0.3083


 30.0085, 0.3812,
0.3083


301.9441, 0.3443,
0.3198


 19.8450, 0.3914,
0.3050


 59.6756, 0.3671,
0.3128

 12.2825, 0.4050,
0.3005


 79.9481, 0.3620,
0.3143

 6.9363, 0.4243,
0.2940


 104.3590, 0.3578,
0.3157

 3.4223, 0.4535,
0.2839

133.2927, 0.3543,
0.3167

 1.3560, 0.5025,
0.2660

167.1337, 0.3512,
0.3177

 0.1839, 0.8343,
0.1657


206.2663, 0.3486,

 0.0000, 0.0000,


0.3185


0.0000


251.0750, 0.3463,
0.3192


 30.0085, 0.3812,
0.3083

 30.0085, 0.3812,
0.3083


 24.8034, 0.4103,
0.3028


 36.3330, 0.3571,
0.3142


 20.6482, 0.4444,
0.2984


 43.8326, 0.3375,
0.3200


 17.4719, 0.4829,
0.2959


 52.5645, 0.3216,
0.3255


 15.1933, 0.5236,
0.2963


 62.5809, 0.3086,
0.3307


 13.7177, 0.5624,
0.3003

 73.9309, 0.2982,
0.3355

 12.9226, 0.5949,
0.3078

 86.6611, 0.2897,
0.3398

 12.7315, 0.6044,
0.3103

 91.2813, 0.2817,
0.3291

 91.2923, 0.2816,
0.3289

Harmonies

Analogous

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



30.0085, 0.3338, 0.2754



30.0085, 0.3812, 0.3083



30.0085, 0.4093, 0.3474

Triad

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



30.0085, 0.3812, 0.3083



30.0085, 0.3358, 0.4182



30.0085, 0.2244, 0.2643

Complementary

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



30.0085, 0.3812, 0.3083



50.3624, 0.2712, 0.3513

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.



30.0085, 0.2249, 0.2982



30.0085, 0.3812, 0.3083



30.0085, 0.2867, 0.3932

Square

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



30.0085, 0.3812, 0.3083



30.0085, 0.3807, 0.4132



30.0085, 0.2467, 0.3464



30.0085, 0.2449, 0.2499

Rectangle

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



30.0085, 0.3812, 0.3083



30.0085, 0.4121, 0.3734



30.0085, 0.2467, 0.3464



30.0085, 0.2221, 0.2735

Sweetspot

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



30.0099, 0.3812, 0.3083



82.0547, 0.3284, 0.3230



30.1393, 0.3008, 0.2347



17.1295, 0.3306, 0.3223



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.



30.0099, 0.3812, 0.3083



43.6367, 0.4040, 0.3039



35.5979, 0.3905, 0.3566



11.2527, 0.3257, 0.3240



8.2063, 0.6013, 0.3086



0.4350, 0.5456, 0.2779

Inverse Universe

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



30.0099, 0.3812, 0.3083



43.6367, 0.4040, 0.3039



41.9086, 0.2577, 0.2993



11.2527, 0.3257, 0.3240



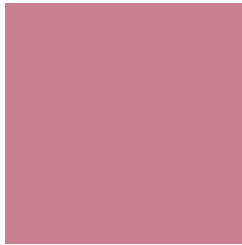
8.2063, 0.6013, 0.3086



0.4350, 0.5456, 0.2779

Previews

White Background



This preview shows how the Yxy color 30.0085, 0.3812, 0.3083 looks on a white background.

Color Contrast Check

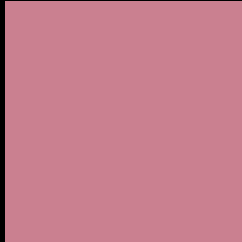
Large Text (above 18pt) WCAG AA ✓ Pass

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 30.0085, 0.3812, 0.3083 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

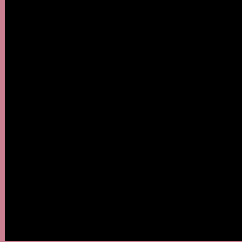
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 30.0085, 0.3812, 0.3083

Background



This preview shows how black text looks on a background with the Yxy color 30.0085, 0.3812, 0.3083.



This preview shows how white text looks on a background with the Yxy color 30.0085, 0.3812, 0.3083.

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

30.0085, 0.3812, 0.3083

Protanopia

30.0641, 0.3072, 0.3166

Deuteranopia

30.0851, 0.3406, 0.3336



Tritanopia

29.9821, 0.3858, 0.3161

Trichromacy



Original Color

30.0085, 0.3812, 0.3083

Protanomaly

29.7518, 0.3318, 0.3129

Deuteranomaly

29.8333, 0.3555, 0.3234

Tritanomaly

30.0411, 0.3834, 0.3134

Monochromacy



Original Color

30.0085, 0.3812, 0.3083

Achromatopsia

31.3989, 0.3127, 0.3290

Achromatomaly

30.3609, 0.3357, 0.3203

CSS Examples

Text

The CSS property to change the color of the text to Yxy 30.0085, 0.3812, 0.3083 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(202, 128, 144)` looks like.

```
.text, #text, p{  
    color:rgb(202, 128, 144)  
}
```

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(202, 128, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 128, 144) }
```

Border

The CSS property to change the border of an element to Yxy 30.0085, 0.3812, 0.3083 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(202, 128, 144) }
```

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

```
.border{ border-color:rgb(202, 128, 144) }
```

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

Here you see how a box with a 4 pixel `rgb(202, 128, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(202, 128, 144); -webkit-box-shadow:4px 4px 4px 4px rgb(202, 128, 144); box-shadow:4px 4px 4px 4px rgb(202, 128, 144) }
```


Background

The CSS property to change the background color of an element to Yxy 30.0085, 0.3812, 0.3083 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 128, 144) }
```

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

```
.background{ background-color: rgb(202,  
128, 144) }
```

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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