

Converting Colors

$Y_{xy}(30.0595, 0.3837, 0.3378)$

Have a look what the booklet for
Yxy(30.0595, 0.3837, 0.3378)
contains.

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Color

Yxy(29.9893, 0.3839, 0.3375)

Conversions

Conversions Part 1

Format	Color
Hex	BF8781
RGB	191, 135, 129
RGB Percent	75%, 53%, 51%
CMY	0.2510, 0.4706, 0.4942
CMYK	0.00, 0.29, 0.32, 0.25
HSL	6°, 33%, 63%
HSV	6°, 32%, 75%
XYZ	34.1123, 29.9893, 24.7556
YIQ	151.0600, 35.3020, 10.0060

Conversions

Conversions Part 2

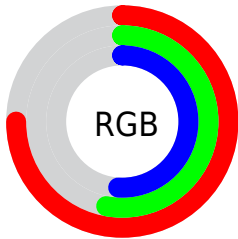
Format	Color
RYB	191, 136, 129
Decimal	12552065
CIELab	61.64, 20.65, 11.80
CIELCh	62, 23.785, 29.751
Yxy	29.9893, 0.3839, 0.3375
Android (android.graphics.Color)	4290742145 (0xFFBF8781)
YUV	151.0600, -10.8756, 35.0274
Hunter-Lab	54.7625, 15.3556, 11.5314

Details

The Yxy color **29.9893, 0.3839, 0.3375** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **43.1212, 0.2659, 0.3202**, and the grayscale version is **31.0111, 0.3127, 0.3290**.

A 20% lighter version of the original color is **59.9123, 0.3692, 0.3366**, and **12.3104, 0.4086, 0.3387** is the 20% darker color. If you saturate the color by 10%, you get **25.0998, 0.4167, 0.3402**, and if you desaturate by 10%, it is **35.7563, 0.3568, 0.3348**.

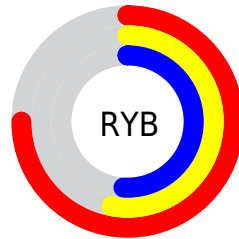
Distribution



Red (75%)

Green (53%)

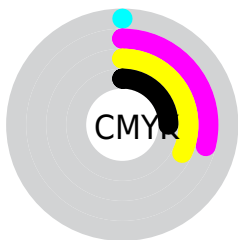
Blue (51%)



Red (75%)

Yellow (53%)

Blue (51%)

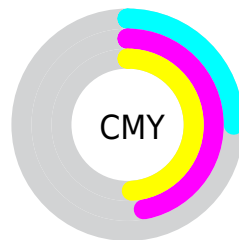


Cyan (0%)

Magenta (29%)

Yellow (32%)

Black (25%)



Cyan (25%)


Magenta (47%)


Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 29.9893, 0.3839, 0.3375 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 29.9893, 0.3839, 0.3375 by changing the saturation by 10% instead.


 29.9893, 0.3839,
0.3375


 29.9893, 0.3839,
0.3375


301.8546, 0.3453,
0.3339

 19.8305, 0.3946,
0.3381


 59.6453, 0.3691,
0.3364

 12.2719, 0.4090,
0.3387


 79.9112, 0.3638,
0.3359

 6.9291, 0.4294,
0.3389


 104.3149, 0.3594,
0.3355

 3.4178, 0.4603,
0.3381

133.2408, 0.3557,
0.3351

 1.3536, 0.5182,
0.3375

167.0734, 0.3525,
0.3347

 0.1821, 0.7881,
0.2119

206.1969, 0.3498,

 0.0000, 0.0000,

0.3344

0.0000

250.9959, 0.3474,
0.3341

■ 29.9893, 0.3839,
0.3375

■ 29.9893, 0.3839,
0.3375

■ 25.0998, 0.4167,
0.3402

■ 35.7563, 0.3568,
0.3348

■ 21.0408, 0.4552,
0.3424

■ 42.4363, 0.3346,
0.3321

■ 17.7672, 0.4985,
0.3438


■ 50.0681, 0.3166,
0.3296


■ 15.2281, 0.5435,
0.3439


■ 58.6872, 0.3020,
0.3273


■ 13.3664, 0.5850,
0.3421

■ 68.3269, 0.2900,
0.3252

 12.1168, 0.6166,
0.3385

 79.0192, 0.2802,
0.3233

 11.5266, 0.6326,
0.3359

 89.8168, 0.2757,
0.3289

Harmonies

Analogous

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



29.9893, 0.3583, 0.3068



29.9893, 0.3839, 0.3375



29.9893, 0.3888, 0.3681

Triad

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



29.9893, 0.3839, 0.3375



29.9893, 0.3014, 0.3835



29.9893, 0.2547, 0.2682

Complementary

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



29.9893, 0.3839, 0.3375



43.1212, 0.2659, 0.3202

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.



29.9893, 0.2418, 0.2838



29.9893, 0.3839, 0.3375



29.9893, 0.2675, 0.3511

Square

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



29.9893, 0.3839, 0.3375



29.9893, 0.3397, 0.3981



29.9893, 0.2463, 0.3137



29.9893, 0.2828, 0.2682

Rectangle

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



29.9893, 0.3839, 0.3375



29.9893, 0.3798, 0.3848



29.9893, 0.2463, 0.3137



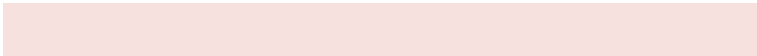
29.9893, 0.2486, 0.2717

Sweetspot

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



29.9907, 0.3839, 0.3375



79.0028, 0.3301, 0.3315



30.3128, 0.3217, 0.2554



16.9397, 0.3329, 0.3319



97.7402, 0.3127, 0.3290



20.4902, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



29.9907, 0.3839, 0.3375



47.2933, 0.4067, 0.3394



39.6311, 0.3710, 0.3777



9.6812, 0.3286, 0.3313



7.6304, 0.6313, 0.3369



0.3496, 0.6025, 0.3598

Inverse Universe

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



43.1212, 0.2659, 0.3202



74.4506, 0.2570, 0.3180



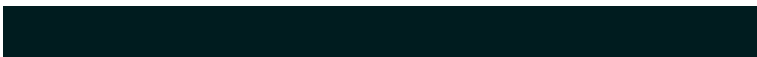
31.8138, 0.2603, 0.2747



10.6470, 0.2985, 0.3267



22.0468, 0.2163, 0.2987



0.9100, 0.2185, 0.3065

Previews

White Background



This preview shows how the Yxy color 29.9893, 0.3839, 0.3375 looks on a white background.

Color Contrast Check

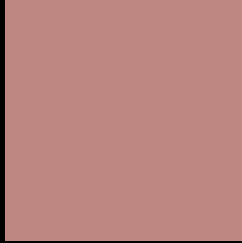
Large Text (above 18pt) WCAG AA ✓ Pass

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 29.9893, 0.3839, 0.3375 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

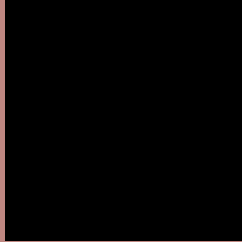
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 29.9893, 0.3839, 0.3375

Background



This preview shows how black text looks on a background with the Yxy color 29.9893, 0.3839, 0.3375.



This preview shows how white text looks on a background with the Yxy color 29.9893, 0.3839, 0.3375.

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

29.9893, 0.3839, 0.3375

Protanopia

30.2410, 0.3316, 0.3493

Deuteranopia

30.1368, 0.3599, 0.3545



Tritanopia

29.9647, 0.3694, 0.3155

Trichromacy



Original Color

29.9893, 0.3839, 0.3375

Protanomaly

29.9648, 0.3501, 0.3456

Deuteranomaly

30.0732, 0.3678, 0.3480

Tritanomaly

30.0916, 0.3749, 0.3237

Monochromacy



Original Color

29.9893, 0.3839, 0.3375

Achromatopsia

30.9469, 0.3127, 0.3290

Achromatomaly

30.3410, 0.3372, 0.3321

CSS Examples

Text

The CSS property to change the color of the text to Yxy 29.9893, 0.3839, 0.3375 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(191, 135, 129)` looks like.

```
.text, #text, p{  
    color:rgb(191, 135, 129)  
}
```

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(191, 135, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 135, 129) }
```

Border

The CSS property to change the border of an element to Yxy 29.9893, 0.3839, 0.3375 is called "border". The border property can be set on classes, ids or directly on the HTML element.

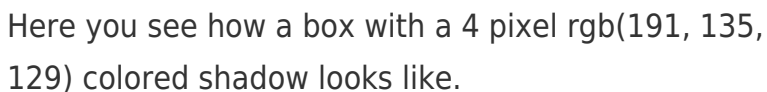
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(191, 135, 129) }
```

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

```
.border{ border-color:rgb(191, 135, 129) }
```

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



Here you see how a box with a 4 pixel `rgb(191, 135, 129)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(191, 135, 129); -webkit-box-shadow:4px 4px 4px 4px rgb(191, 135, 129); box-shadow:4px 4px 4px 4px rgb(191, 135, 129) }
```


Background

The CSS property to change the background color of an element to Yxy 29.9893, 0.3839, 0.3375 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 135, 129) }
```

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

```
.background{ background-color: rgb(191,  
135, 129) }
```

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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