

Converting Colors

$Y_{xy}(31.0900, 0.3827, 0.3313)$

Have a look what the booklet for
Yxy(31.0900, 0.3827, 0.3313)
contains.

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Color

Yxy(31.0653, 0.3833, 0.3319)

Conversions

Conversions Part 1

Format	Color
Hex	C48886
RGB	196, 136, 134
RGB Percent	77%, 53%, 53%
CMY	0.2313, 0.4667, 0.4745
CMYK	0.00, 0.31, 0.32, 0.23
HSL	2°, 34%, 65%
HSV	2°, 32%, 77%
XYZ	35.8763, 31.0653, 26.6568
YIQ	153.7120, 36.4020, 12.0980

Conversions

Conversions Part 2

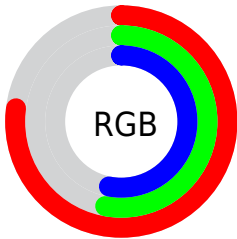
Format	Color
R _{YB}	196, 136, 134
Decimal	12880006
CIE Lab	62.56, 22.72, 10.34
CIE LCh	63, 24.957, 24.468
Yxy	31.0653, 0.3833, 0.3319
Android (android.graphics.Color)	4291070086 (0xFFC48886)
YUV	153.7120, -9.7180, 37.0866
Hunter-Lab	55.7363, 17.3583, 10.6589

Details

The Yxy color **31.0653, 0.3833, 0.3319** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **47.6479, 0.2676, 0.3261**, and the grayscale version is **32.2143, 0.3127, 0.3290**.

A 20% lighter version of the original color is **61.4856, 0.3689, 0.3323**, and **12.9584, 0.4088, 0.3329** is the 20% darker color. If you saturate the color by 10%, you get **25.6911, 0.4171, 0.3329**, and if you desaturate by 10%, it is **37.4895, 0.3556, 0.3309**.

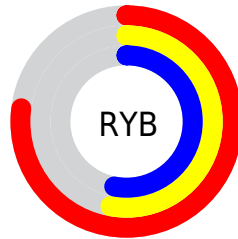
Distribution



Red (77%)

Green (53%)

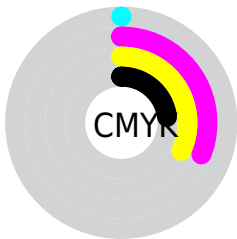
Blue (53%)



Red (77%)

Yellow (53%)

Blue (53%)

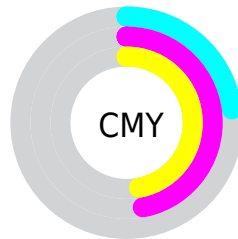


Cyan (0%)

Magenta (31%)

Yellow (32%)

Black (23%)



Cyan (23%)


Magenta (47%)

Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 31.0653, 0.3833, 0.3319 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 31.0653, 0.3833, 0.3319 by changing the saturation by 10% instead.

 31.0653, 0.3833,
0.3319


 31.0653, 0.3833,
0.3319

306.8390, 0.3453,
0.3312

 20.6486, 0.3938,
0.3317


 61.3429, 0.3688,
0.3319

 12.8674, 0.4078,
0.3313


 81.9725, 0.3636,
0.3318

 7.3373, 0.4276,
0.3303


 106.7752, 0.3592,
0.3317

 3.6739, 0.4574,
0.3277

136.1354, 0.3555,
0.3316

 1.4929, 0.5079,
0.3216

170.4375, 0.3524,
0.3315

 0.2837, 0.7439,
0.2561

210.0659, 0.3497,

 0.0000, 0.0000,


0.3314


0.0000


255.4049, 0.3474,
0.3313


 31.0653, 0.3833,
0.3319


 31.0653, 0.3833,
0.3319


 25.6911, 0.4171,
0.3329


 37.4895, 0.3556,
0.3309


 21.3069, 0.4573,
0.3337


 45.0105, 0.3333,
0.3300


 17.8537, 0.5026,
0.3342


 53.6780, 0.3153,
0.3291

 15.2642, 0.5495,
0.3342


 63.5369, 0.3009,
0.3283


 13.4621, 0.5919,
0.3336

 74.6301, 0.2892,
0.3276

 12.3580, 0.6228,
0.3323

 86.9982, 0.2797,
0.3270

 11.8762, 0.6379,
0.3317

 90.4789, 0.2784,
0.3289

Harmonies

Analogous

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



31.0653, 0.3537, 0.3009



31.0653, 0.3833, 0.3319



31.0653, 0.3924, 0.3641

Triad

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



31.0653, 0.3833, 0.3319



31.0653, 0.3078, 0.3899



31.0653, 0.2491, 0.2678

Complementary

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



31.0653, 0.3833, 0.3319



47.6479, 0.2676, 0.3261

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.



31.0653, 0.2389, 0.2866



31.0653, 0.3833, 0.3319



31.0653, 0.2712, 0.3587

Square

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



31.0653, 0.3833, 0.3319



31.0653, 0.3473, 0.4010



31.0653, 0.2466, 0.3196



31.0653, 0.2756, 0.2650

Rectangle

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



31.0653, 0.3833, 0.3319



31.0653, 0.3856, 0.3826



31.0653, 0.2466, 0.3196



31.0653, 0.2437, 0.2723

Sweetspot

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



31.0668, 0.3833, 0.3319



85.2483, 0.3284, 0.3298



32.7270, 0.3174, 0.2524



17.7718, 0.3312, 0.3299



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.



31.0668, 0.3833, 0.3319



49.3009, 0.4061, 0.3326



40.7478, 0.3710, 0.3713



10.1288, 0.3288, 0.3298



7.6533, 0.6373, 0.3322



0.3490, 0.6273, 0.3402

Inverse Universe

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



47.6479, 0.2676, 0.3261



84.0408, 0.2592, 0.3254



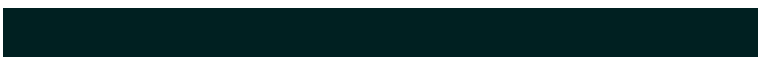
35.5962, 0.2624, 0.2824



11.3709, 0.2984, 0.3282



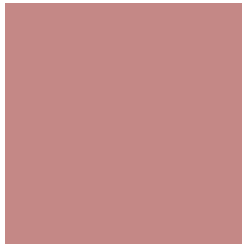
26.1594, 0.2219, 0.3190



1.1480, 0.2226, 0.3213

Previews

White Background



This preview shows how the Yxy color 31.0653, 0.3833, 0.3319 looks on a white background.

Color Contrast Check

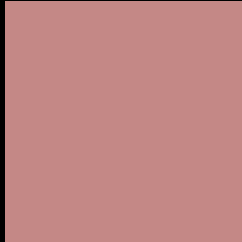
Large Text (above 18pt) WCAG AA × Fail

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 31.0653, 0.3833, 0.3319 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

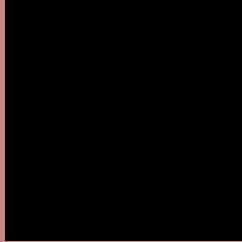
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 31.0653, 0.3833, 0.3319

Background



This preview shows how black text looks on a background with the Yxy color 31.0653, 0.3833, 0.3319.



This preview shows how white text looks on a background with the Yxy color 31.0653, 0.3833, 0.3319.

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

31.0653, 0.3833, 0.3319

Protanopia

31.2543, 0.3275, 0.3429

Deuteranopia

31.1079, 0.3561, 0.3497



Tritanopia

30.9648, 0.3724, 0.3145

Trichromacy



Original Color

31.0653, 0.3833, 0.3319

Protanomaly

31.0798, 0.3466, 0.3394

Deuteranomaly

30.8632, 0.3653, 0.3420

Tritanomaly

31.1214, 0.3766, 0.3212

Monochromacy



Original Color

31.0653, 0.3833, 0.3319

Achromatopsia

32.3143, 0.3127, 0.3290

Achromatomaly

31.4090, 0.3359, 0.3291

CSS Examples

Text

The CSS property to change the color of the text to Yxy 31.0653, 0.3833, 0.3319 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(196, 136, 134)` looks like.

```
.text, #text, p{  
    color:rgb(196, 136, 134)  
}
```

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(196, 136, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 136, 134) }
```

Border

The CSS property to change the border of an element to Yxy 31.0653, 0.3833, 0.3319 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(196, 136, 134) }
```

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

```
.border{ border-color:rgb(196, 136, 134) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 136, 134)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 136, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 136, 134);  
box-shadow:4px 4px 4px 4px rgb(196, 136,  
134) }
```


Background

The CSS property to change the background color of an element to $\text{Yxy } 31.0653, 0.3833, 0.3319$ is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 136, 134) }
```

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

```
.background{ background-color: rgb(196,  
136, 134) }
```

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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