

Converting Colors

$Yxy(31.5237, 0.3834, 0.3460)$

Have a look what the booklet for
Yxy(31.5237, 0.3834, 0.3460)
contains.

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Color

Yxy(31.5211, 0.3839, 0.3456)

Conversions

Conversions Part 1

Format	Color
Hex	C08C80
RGB	192, 140, 128
RGB Percent	75%, 55%, 50%
CMY	0.2471, 0.4510, 0.4979
CMYK	0.00, 0.27, 0.33, 0.25
HSL	11°, 34%, 63%
HSV	11°, 33%, 75%
XYZ	35.0143, 31.5211, 24.6715
YIQ	154.1800, 34.8440, 7.2920

Conversions

Conversions Part 2

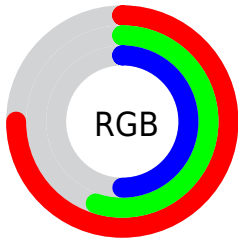
Format	Color
R_{YB}	192, 143, 128
Decimal	12618880
CIE _{Lab}	62.95, 18.15, 14.18
CIE _{LCh}	63, 23.035, 38.004
Yxy	31.5211, 0.3839, 0.3456
Android (android.graphics.Color)	4290808960 (0xFFC08C80)
YUV	154.1800, -12.9067, 33.1681
Hunter-Lab	56.1437, 13.0712, 13.2465

Details

The Yxy color **31.5211, 0.3839, 0.3456** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **41.0525, 0.2637, 0.3116**, and the grayscale version is **32.4459, 0.3127, 0.3290**.

A 20% lighter version of the original color is **62.2438, 0.3695, 0.3429**, and **13.1952, 0.4079, 0.3499** is the 20% darker color. If you saturate the color by 10%, you get **26.8214, 0.4150, 0.3506**, and if you desaturate by 10%, it is **36.9664, 0.3577, 0.3404**.

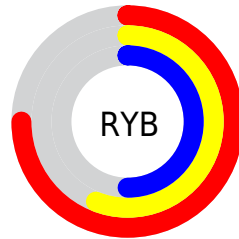
Distribution



Red (75%)

Green (55%)

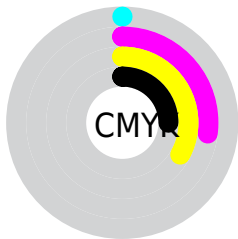
Blue (50%)



Red (75%)

Yellow (56%)

Blue (50%)

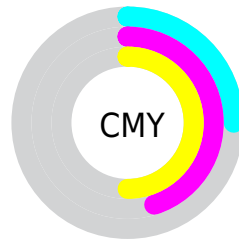


Cyan (0%)

Magenta (27%)

Yellow (33%)

Black (25%)



Cyan (25%)


Magenta (45%)


Yellow (50%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 31.5211, 0.3839, 0.3456 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 31.5211, 0.3839, 0.3456 by changing the saturation by 10% instead.


 31.5211, 0.3839,
0.3456

 31.5211, 0.3839,
0.3456


308.9319, 0.3456,
0.3378


 20.9960, 0.3944,
0.3473


 62.0596, 0.3693,
0.3429

 13.1211, 0.4084,
0.3493


 82.8417, 0.3641,
0.3418

 7.5120, 0.4280,
0.3516


 107.8116, 0.3597,
0.3409

 3.7843, 0.4574,
0.3536

137.3537, 0.3560,
0.3401

 1.5536, 0.5112,
0.3578

171.8524, 0.3528,
0.3394

 0.3260, 0.6978,
0.3022

211.6921, 0.3501,

 0.0000, 0.0000,

0.3388

0.0000

257.2571, 0.3477,
0.3382

■ 31.5211, 0.3839,
0.3456

■ 31.5211, 0.3839,
0.3456

■ 26.8214, 0.4150,
0.3506

■ 36.9664, 0.3577,
0.3404

■ 22.8304, 0.4511,
0.3550

■ 43.1833, 0.3359,
0.3353

■ 19.5145, 0.4913,
0.3579


■ 50.2021, 0.3180,
0.3305


■ 16.8358, 0.5331,
0.3585


■ 58.0500, 0.3031,
0.3261

■ 14.7524, 0.5724,
0.3560

■ 66.7530, 0.2908,
0.3220

 13.2172, 0.6041,
0.3502

 76.3360, 0.2806,
0.3184

 12.4639, 0.6203,
0.3457

 86.3348, 0.2757,
0.3228

 89.9466, 0.2762,
0.3289

Harmonies

Analogous

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



31.5211, 0.3644, 0.3156



31.5211, 0.3839, 0.3456



31.5211, 0.3827, 0.3735

Triad

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



31.5211, 0.3839, 0.3456



31.5211, 0.2923, 0.3735



31.5211, 0.2635, 0.2695

Complementary

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



31.5211, 0.3839, 0.3456



41.0525, 0.2637, 0.3116

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.



31.5211, 0.2468, 0.2804



31.5211, 0.3839, 0.3456



31.5211, 0.2626, 0.3402

Square

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



31.5211, 0.3839, 0.3456



31.5211, 0.3287, 0.3929



31.5211, 0.2464, 0.3056



31.5211, 0.2936, 0.2733

Rectangle

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



31.5211, 0.3839, 0.3456



31.5211, 0.3708, 0.3873



31.5211, 0.2464, 0.3056



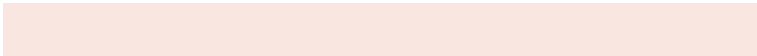
31.5211, 0.2562, 0.2715

Sweetspot

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



31.5226, 0.3839, 0.3456



82.1004, 0.3299, 0.3338



29.9597, 0.3286, 0.2610



17.2382, 0.3326, 0.3344



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.



31.5226, 0.3839, 0.3456



50.7494, 0.4062, 0.3493



42.1736, 0.3702, 0.3871



10.3761, 0.3284, 0.3334



8.4724, 0.6184, 0.3471



0.4605, 0.5771, 0.3800

Inverse Universe

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



41.0525, 0.2637, 0.3116



70.6356, 0.2541, 0.3071



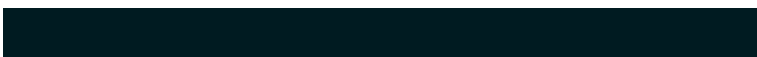
29.6680, 0.2576, 0.2630



11.0976, 0.2984, 0.3246



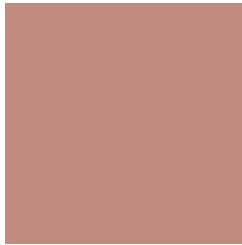
18.6834, 0.2080, 0.2686



0.8921, 0.2121, 0.2835

Previews

White Background



This preview shows how the Yxy color 31.5211, 0.3839, 0.3456 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 31.5211, 0.3839, 0.3456 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 31.5211, 0.3839, 0.3456

Background



This preview shows how black text looks on a background with the Yxy color 31.5211, 0.3839, 0.3456.



This preview shows how white text looks on a background with the Yxy color 31.5211, 0.3839, 0.3456.

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

31.5211, 0.3839, 0.3456

Protanopia

31.6513, 0.3383, 0.3566

Deuteranopia

31.6298, 0.3644, 0.3583



Tritanopia

31.4988, 0.3646, 0.3143

Trichromacy



Original Color

31.5211, 0.3839, 0.3456

Protanomaly

31.6164, 0.3544, 0.3527

Deuteranomaly

31.4239, 0.3722, 0.3534

Tritanomaly

31.4375, 0.3711, 0.3251

Monochromacy



Original Color

31.5211, 0.3839, 0.3456

Achromatopsia

32.3143, 0.3127, 0.3290

Achromatomaly

31.8641, 0.3365, 0.3350

CSS Examples

Text

The CSS property to change the color of the text to Yxy 31.5211, 0.3839, 0.3456 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(192, 140, 128)` looks like.

```
.text, #text, p{  
    color:rgb(192, 140, 128)  
}
```

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(192, 140, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 140, 128) }
```

Border

The CSS property to change the border of an element to Yxy 31.5211, 0.3839, 0.3456 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(192, 140, 128) }
```

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

```
.border{ border-color:rgb(192, 140, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 140, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 140, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 140, 128);  
box-shadow:4px 4px 4px 4px rgb(192, 140,  
128) }
```


Background

The CSS property to change the background color of an element to Yxy 31.5211, 0.3839, 0.3456 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 140, 128) }
```

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

```
.background{ background-color: rgb(192,  
140, 128) }
```

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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