

Converting Colors

$Yxy(31.5109, 0.3828, 0.3319)$

Have a look what the booklet for
Yxy(31.5109, 0.3828, 0.3319)
contains.

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Color

Yxy(31.5109, 0.3828, 0.3319)

Conversions

Conversions Part 1

Format	Color
Hex	C58987
RGB	197, 137, 135
RGB Percent	77%, 54%, 53%
CMY	0.2275, 0.4627, 0.4706
CMYK	0.00, 0.30, 0.31, 0.23
HSL	2°, 35%, 65%
HSV	2°, 31%, 77%
XYZ	36.3434, 31.5109, 27.0867
YIQ	154.7120, 36.4020, 12.0980

Conversions

Conversions Part 2

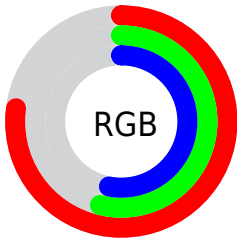
Format	Color
RYB	197, 137, 135
Decimal	12945799
CIELab	62.94, 22.67, 10.31
CIELCh	63, 24.902, 24.465
Yxy	31.5109, 0.3828, 0.3319
Android (android.graphics.Color)	4291135879 (0xFFC58987)
YUV	154.7120, -9.7180, 37.0866
Hunter-Lab	56.1346, 17.3314, 10.6850

Details

The Yxy color **31.5109, 0.3828, 0.3319** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **48.2039, 0.2678, 0.3261**, and the grayscale version is **32.6768, 0.3127, 0.3290**.

A 20% lighter version of the original color is **62.1524, 0.3686, 0.3323**, and **13.2231, 0.4079, 0.3329** is the 20% darker color. If you saturate the color by 10%, you get **26.0589, 0.4165, 0.3329**, and if you desaturate by 10%, it is **38.0258, 0.3552, 0.3309**.

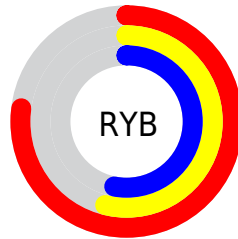
Distribution



Red (77%)

Green (54%)

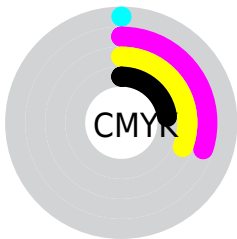
Blue (53%)



Red (77%)

Yellow (54%)

Blue (53%)

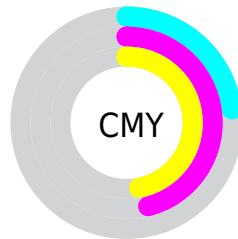


Cyan (0%)

Magenta (30%)

Yellow (31%)

Black (23%)



Cyan (23%)


Magenta (46%)


Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 31.5109, 0.3828, 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 31.5109, 0.3828, 0.3319 by changing the saturation by 10% instead.


 31.5109, 0.3828,
0.3319


 31.5109, 0.3828,
0.3319


308.8852, 0.3451,
0.3312


 20.9882, 0.3931,
0.3318


 62.0435, 0.3684,
0.3319

 13.1154, 0.4070,
0.3313


 82.8223, 0.3633,
0.3318

 7.5080, 0.4264,
0.3303


 107.7885, 0.3590,
0.3317

 3.7818, 0.4557,
0.3279

137.3265, 0.3553,
0.3316

 1.5523, 0.5046,
0.3217

171.8208, 0.3522,
0.3315

 0.3251, 0.7263,
0.2737

211.6558, 0.3495,

 0.0000, 0.0000,

0.3314

0.0000

257.2157, 0.3472,
0.3313

■ 31.5109, 0.3828,
0.3319

■ 31.5109, 0.3828,
0.3319

■ 26.0589, 0.4165,
0.3329

■ 38.0258, 0.3552,
0.3309

■ 21.6092, 0.4566,
0.3337

■ 45.6510, 0.3329,
0.3300

■ 18.1021, 0.5018,
0.3342

■ 54.4365, 0.3150,
0.3291

■ 15.4698, 0.5488,
0.3342

■ 64.4279, 0.3006,
0.3283

■ 13.6353, 0.5913,
0.3336

■ 75.6684, 0.2890,
0.3276

■ 12.5083, 0.6224,
0.3324

■ 88.1990, 0.2795,
0.3270

■ 12.0083, 0.6379,
0.3317

■ 90.6096, 0.2789,
0.3289

Harmonies

Analogous

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



31.5109, 0.3534, 0.3011



31.5109, 0.3828, 0.3319



31.5109, 0.3919, 0.3639

Triad

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



31.5109, 0.3828, 0.3319



31.5109, 0.3079, 0.3895



31.5109, 0.2495, 0.2682

Complementary

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



31.5109, 0.3828, 0.3319



48.2039, 0.2678, 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.



31.5109, 0.2394, 0.2869



31.5109, 0.3828, 0.3319



31.5109, 0.2715, 0.3585

Square

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



31.5109, 0.3828, 0.3319



31.5109, 0.3471, 0.4005



31.5109, 0.2471, 0.3196



31.5109, 0.2759, 0.2654

Rectangle

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



31.5109, 0.3828, 0.3319



31.5109, 0.3851, 0.3823



31.5109, 0.2471, 0.3196



31.5109, 0.2442, 0.2726

Sweetspot

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



31.5124, 0.3828, 0.3319



85.2507, 0.3284, 0.3298



33.1802, 0.3173, 0.2528



17.7724, 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.



31.5124, 0.3828, 0.3319



49.3074, 0.4061, 0.3326



41.2667, 0.3707, 0.3711



10.6911, 0.3289, 0.3298



7.9226, 0.6373, 0.3321



0.3948, 0.6278, 0.3397

Inverse Universe

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



48.2039, 0.2678, 0.3261



84.0293, 0.2592, 0.3254



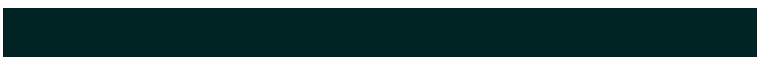
36.0781, 0.2626, 0.2827



12.0062, 0.2984, 0.3282



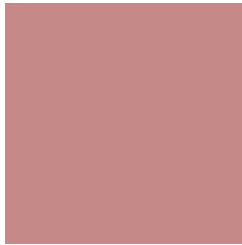
27.0725, 0.2219, 0.3189



1.3008, 0.2225, 0.3211

Previews

White Background



This preview shows how the Yxy color 31.5109, 0.3828, 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 31.5109, 0.3828, 0.3319 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

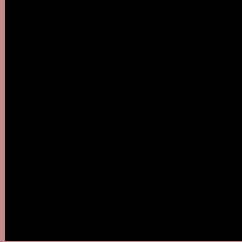
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 31.5109, 0.3828, 0.3319

Background



This preview shows how black text looks on a background with the Yxy color 31.5109, 0.3828, 0.3319.



This preview shows how white text looks on a background with the Yxy color 31.5109, 0.3828, 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

31.5109, 0.3828, 0.3319

Protanopia

31.7087, 0.3274, 0.3428

Deuteranopia

31.5596, 0.3558, 0.3496



Tritanopia

31.4090, 0.3720, 0.3146

Trichromacy



Original Color

31.5109, 0.3828, 0.3319

Protanomaly

31.5315, 0.3464, 0.3394

Deuteranomaly

31.3112, 0.3650, 0.3420

Tritanomaly

31.5671, 0.3762, 0.3212

Monochromacy



Original Color

31.5109, 0.3828, 0.3319

Achromatopsia

32.7778, 0.3127, 0.3290

Achromatomaly

31.8640, 0.3358, 0.3291

CSS Examples

Text

The CSS property to change the color of the text to Yxy 31.5109, 0.3828, 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(197, 137, 135)` looks like.

```
.text, #text, p{  
    color:rgb(197, 137, 135)  
}
```

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(197, 137, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 137, 135) }
```

Border

The CSS property to change the border of an element to Yxy 31.5109, 0.3828, 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(197, 137, 135) }
```

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

```
.border{ border-color:rgb(197, 137, 135) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 137, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 137, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 137, 135);  
box-shadow:4px 4px 4px 4px rgb(197, 137,  
135) }
```


Background

The CSS property to change the background color of an element to Yxy 31.5109, 0.3828, 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(197, 137, 135) }
```

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

```
.background{ background-color: rgb(197,  
137, 135) }
```

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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