

Converting Colors

$Yxy(31.0857, 0.3891, 0.3261)$

Have a look what the booklet for
Yxy(31.0857, 0.3891, 0.3261)
contains.

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Color

Yxy(31.0809, 0.3900, 0.3266)

Conversions

Conversions Part 1

Format	Color
Hex	CA8587
RGB	202, 133, 135
RGB Percent	79%, 52%, 53%
CMY	0.2079, 0.4784, 0.4705
CMYK	0.00, 0.34, 0.33, 0.21
HSL	358°, 39%, 66%
HSV	358°, 34%, 79%
XYZ	37.1144, 31.0809, 26.9698
YIQ	153.8590, 40.4820, 15.2500

Conversions

Conversions Part 2

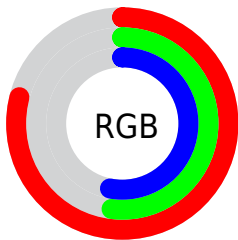
Format	Color
R _Y B	202, 133, 135
Decimal	13272455
CIE Lab	62.58, 26.77, 9.87
CIE LCh	63, 28.532, 20.243
Yxy	31.0809, 0.3900, 0.3266
Android (android.graphics.Color)	4291462535 (0xFFCA8587)
YUV	153.8590, -9.2975, 42.2197
Hunter-Lab	55.7502, 21.2691, 10.3430

Details

The Yxy color **31.0809, 0.3900, 0.3266** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **51.3881, 0.2659, 0.3316**, and the grayscale version is **32.2792, 0.3127, 0.3290**.

A 20% lighter version of the original color is **60.4315, 0.3697, 0.3281**, and **12.8015, 0.4179, 0.3240** is the 20% darker color. If you saturate the color by 10%, you get **25.5701, 0.4252, 0.3260**, and if you desaturate by 10%, it is **37.7598, 0.3611, 0.3273**.

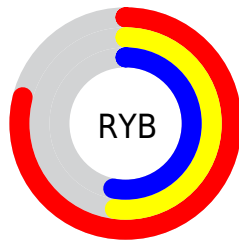
Distribution



Red (79%)

Green (52%)

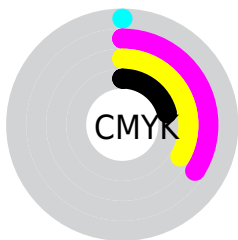
Blue (53%)



Red (79%)

Yellow (52%)

Blue (53%)

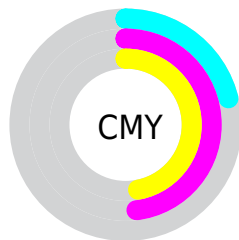


Cyan (0%)

Magenta (34%)

Yellow (33%)

Black (21%)



Cyan (21%)


Magenta (48%)


Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 31.0809, 0.3900, 0.3266 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 31.0809, 0.3900, 0.3266 by changing the saturation by 10% instead.


 31.0809, 0.3900,
0.3266


 31.0809, 0.3900,
0.3266


306.9109, 0.3484,
0.3288

 20.6605, 0.4014,
0.3256

 61.3674, 0.3741,
0.3277

 12.8760, 0.4168,
0.3241


 82.0023, 0.3684,
0.3280

 7.3432, 0.4383,
0.3214


 106.8107, 0.3636,
0.3283

 3.6777, 0.4707,
0.3165

136.1772, 0.3596,
0.3284

 1.4949, 0.5248,
0.3061

170.4861, 0.3562,
0.3286

 0.2852, 0.7648,
0.2352

210.1217, 0.3532,

 0.0000, 0.0000,

0.3287

0.0000

255.4685, 0.3507,
0.3288

■ 31.0809, 0.3900,
0.3266

■ 31.0809, 0.3900,
0.3266

■ 25.5701, 0.4252,
0.3260

■ 37.7598, 0.3611,
0.3273

■ 21.1563, 0.4667,
0.3255

■ 45.6638, 0.3379,
0.3280

■ 17.7673, 0.5130,
0.3254

■ 54.8515, 0.3193,
0.3287

■ 15.3207, 0.5597,
0.3258

■ 65.3764, 0.3044,
0.3294

■ 13.7213, 0.6002,
0.3268

■ 77.2892, 0.2924,
0.3300

■ 12.8540, 0.6277,
0.3282

■ 90.6376, 0.2827,
0.3305

■ 12.5665, 0.6373,
0.3285

■ 91.2936, 0.2816,
0.3289

Harmonies

Analogous

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



31.0809, 0.3533, 0.2927



31.0809, 0.3900, 0.3266



31.0809, 0.4040, 0.3632

Triad

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



31.0809, 0.3900, 0.3266



31.0809, 0.3131, 0.4027



31.0809, 0.2378, 0.2613

Complementary

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



31.0809, 0.3900, 0.3266



51.3881, 0.2659, 0.3316

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.



31.0809, 0.2291, 0.2847



31.0809, 0.3900, 0.3266



31.0809, 0.2705, 0.3691

Square

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



31.0809, 0.3900, 0.3266



31.0809, 0.3576, 0.4111



31.0809, 0.2405, 0.3239



31.0809, 0.2652, 0.2560

Rectangle

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



31.0809, 0.3900, 0.3266



31.0809, 0.3984, 0.3853



31.0809, 0.2405, 0.3239



31.0809, 0.2327, 0.2670

Sweetspot

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



31.0824, 0.3900, 0.3266



83.3024, 0.3299, 0.3283



33.2777, 0.3144, 0.2445



17.3673, 0.3327, 0.3282



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.



31.0824, 0.3900, 0.3266



45.5325, 0.4155, 0.3261



41.2293, 0.3782, 0.3706



11.2188, 0.3286, 0.3284



8.0905, 0.6366, 0.3280



0.4193, 0.6248, 0.3216

Inverse Universe

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



31.0824, 0.3900, 0.3266



45.5325, 0.4155, 0.3261



37.9239, 0.2588, 0.2831



11.2188, 0.3286, 0.3284



8.0905, 0.6366, 0.3280



0.4193, 0.6248, 0.3216

Previews

White Background



This preview shows how the Yxy color 31.0809, 0.3900, 0.3266 looks on a white background.

Color Contrast Check

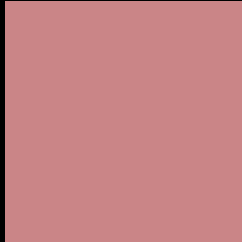
Large Text (above 18pt) WCAG AA × Fail

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 31.0809, 0.3900, 0.3266 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 31.0809, 0.3900, 0.3266

Background



This preview shows how black text looks on a background with the Yxy color 31.0809, 0.3900, 0.3266.



This preview shows how white text looks on a background with the Yxy color 31.0809, 0.3900, 0.3266.

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

31.0809, 0.3900, 0.3266

Protanopia

31.2455, 0.3235, 0.3382

Deuteranopia

31.1355, 0.3551, 0.3482



Tritanopia

31.1520, 0.3833, 0.3162

Trichromacy



Original Color

31.0809, 0.3900, 0.3266

Protanomaly

30.7538, 0.3472, 0.3335

Deuteranomaly

30.9613, 0.3679, 0.3391

Tritanomaly

31.0631, 0.3868, 0.3201

Monochromacy



Original Color

31.0809, 0.3900, 0.3266

Achromatopsia

32.3143, 0.3127, 0.3290

Achromatomaly

31.3223, 0.3383, 0.3276

CSS Examples

Text

The CSS property to change the color of the text to Yxy 31.0809, 0.3900, 0.3266 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, 133, 135)` looks like.

```
.text, #text, p{  
    color:rgb(202, 133, 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(202, 133, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 133, 135) }
```

Border

The CSS property to change the border of an element to Yxy 31.0809, 0.3900, 0.3266 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, 133, 135) }
```

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

```
.border{ border-color:rgb(202, 133, 135) }
```

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

Here you see how a box with a 4 pixel `rgb(202, 133, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 133, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 133, 135);  
box-shadow:4px 4px 4px 4px rgb(202, 133,  
135) }
```


Background

The CSS property to change the background color of an element to Yxy 31.0809, 0.3900, 0.3266 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 133, 135) }
```

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

```
.background{ background-color: rgb(202,  
133, 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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