

Converting Colors

$Yxy(35.0154, 0.3833, 0.3385)$

Have a look what the booklet for
Yxy(35.0154, 0.3833, 0.3385)
contains.

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Color

Yxy(34.9231, 0.3837, 0.3383)

Conversions

Conversions Part 1

Format	Color
Hex	CC918A
RGB	204, 145, 138
RGB Percent	80%, 57%, 54%
CMY	0.2001, 0.4313, 0.4588
CMYK	0.00, 0.29, 0.32, 0.20
HSL	6°, 39%, 67%
HSV	6°, 32%, 80%
XYZ	39.6098, 34.9231, 28.6983
YIQ	161.8430, 37.4110, 10.3310

Conversions

Conversions Part 2

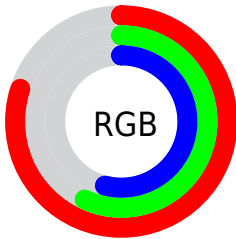
Format	Color
R_{YB}	204, 146, 138
Decimal	13406602
CIE _{Lab}	65.69, 21.37, 12.61
CIE _{LCh}	66, 24.810, 30.552
Yxy	34.9231, 0.3837, 0.3383
Android (android.graphics.Color)	4291596682 (0xFFCC918A)
YUV	161.8430, -11.7546, 36.9717
Hunter-Lab	59.0958, 16.2246, 12.5745

Details

The Yxy color **34.9231, 0.3837, 0.3383** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **49.6771, 0.2658, 0.3194**, and the grayscale version is **36.0975, 0.3127, 0.3290**.

A 20% lighter version of the original color is **65.8684, 0.3641, 0.3375**, and **15.0059, 0.4070, 0.3398** is the 20% darker color. If you saturate the color by 10%, you get **29.2564, 0.4164, 0.3412**, and if you desaturate by 10%, it is **41.5979, 0.3566, 0.3353**.

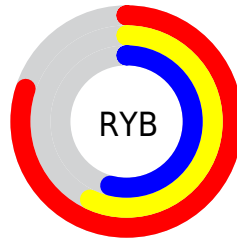
Distribution



Red (80%)

Green (57%)

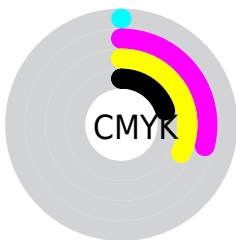
Blue (54%)



Red (80%)

Yellow (57%)

Blue (54%)

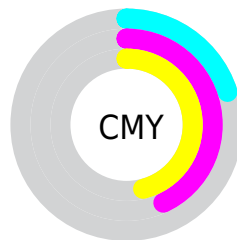


Cyan (0%)

Magenta (29%)

Yellow (32%)

Black (20%)



Cyan (20%)


Magenta (43%)


Yellow (46%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 34.9231, 0.3837, 0.3383 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 34.9231, 0.3837, 0.3383 by changing the saturation by 10% instead.


 34.9231, 0.3837,
0.3383


 34.9231, 0.3837,
0.3383


324.2288, 0.3461,
0.3344

 23.6036, 0.3938,
0.3390


 67.3666, 0.3695,
0.3371

 15.0399, 0.4071,
0.3397


 89.2595, 0.3644,
0.3365

 8.8474, 0.4255,
0.3401


 115.4456, 0.3601,
0.3361

 4.6418, 0.4526,
0.3399

146.3093, 0.3564,
0.3357

 2.0386, 0.4957,
0.3372

182.2351, 0.3533,
0.3353

 0.6298, 0.6465,
0.3535

223.6074, 0.3506,


 0.0000, 1.0000,


0.3350

0.0000

270.8105, 0.3482,
0.3346

 0.0000, 0.0000,
0.0000


 34.9231, 0.3837,
0.3383


 34.9231, 0.3837,
0.3383


 29.2564, 0.4164,
0.3412


 41.5979, 0.3566,
0.3353

 24.5442, 0.4549,
0.3437


 49.3214, 0.3345,
0.3324


 20.7351, 0.4980,
0.3452


 58.1377, 0.3164,
0.3296


 17.7713, 0.5429,
0.3453

 68.0873, 0.3018,
0.3271

 15.5878, 0.5844,
0.3434

 79.2083, 0.2898,
0.3248

 14.1105, 0.6160,
0.3395

 91.1854, 0.2827,
0.3283

 13.3959, 0.6321,
0.3363

 91.5740, 0.2827,
0.3289

Harmonies

Analogous

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



34.9231, 0.3588, 0.3078



34.9231, 0.3837, 0.3383



34.9231, 0.3880, 0.3685

Triad

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



34.9231, 0.3837, 0.3383



34.9231, 0.3005, 0.3823



34.9231, 0.2558, 0.2685

Complementary

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



34.9231, 0.3837, 0.3383



49.6771, 0.2658, 0.3194

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.



34.9231, 0.2425, 0.2836



34.9231, 0.3837, 0.3383



34.9231, 0.2671, 0.3499

Square

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



34.9231, 0.3837, 0.3383



34.9231, 0.3385, 0.3974



34.9231, 0.2465, 0.3129



34.9231, 0.2840, 0.2688

Rectangle

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



34.9231, 0.3837, 0.3383



34.9231, 0.3787, 0.3849



34.9231, 0.2465, 0.3129



34.9231, 0.2495, 0.2718

Sweetspot

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



34.9248, 0.3837, 0.3383



84.7773, 0.3301, 0.3317



35.0601, 0.3227, 0.2566



17.7204, 0.3329, 0.3321



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.



34.9248, 0.3837, 0.3383



50.9624, 0.4065, 0.3404



46.3454, 0.3707, 0.3790



11.4024, 0.3287, 0.3315



8.5005, 0.6306, 0.3375



0.5051, 0.6046, 0.3581

Inverse Universe

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



49.6771, 0.2658, 0.3194



79.2016, 0.2567, 0.3170



36.4532, 0.2601, 0.2731



12.5153, 0.2983, 0.3265



23.9639, 0.2154, 0.2955



1.2961, 0.2174, 0.3026

Previews

White Background



This preview shows how the Yxy color 34.9231, 0.3837, 0.3383 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 34.9231, 0.3837, 0.3383 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

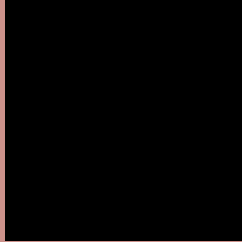
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 34.9231, 0.3837, 0.3383

Background



This preview shows how black text looks on a background with the Yxy color 34.9231, 0.3837, 0.3383.



This preview shows how white text looks on a background with the Yxy color 34.9231, 0.3837, 0.3383.

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

34.9231, 0.3837, 0.3383

Protanopia

34.9476, 0.3325, 0.3496

Deuteranopia

35.0791, 0.3612, 0.3542



Tritanopia

35.0998, 0.3691, 0.3151

Trichromacy



Original Color

34.9231, 0.3837, 0.3383

Protanomaly

34.7675, 0.3509, 0.3460

Deuteranomaly

35.0157, 0.3686, 0.3482

Tritanomaly

35.0638, 0.3742, 0.3240

Monochromacy



Original Color

34.9231, 0.3837, 0.3383

Achromatopsia

36.1307, 0.3127, 0.3290

Achromatomaly

35.4240, 0.3366, 0.3333

CSS Examples

Text

The CSS property to change the color of the text to Yxy 34.9231, 0.3837, 0.3383 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(204, 145, 138)` looks like.

```
.text, #text, p{  
    color:rgb(204, 145, 138)  
}
```

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(204, 145, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 145, 138) }
```

Border

The CSS property to change the border of an element to Yxy 34.9231, 0.3837, 0.3383 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(204, 145, 138) }
```

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

```
.border{ border-color:rgb(204, 145, 138) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 145, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 145, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 145, 138);  
box-shadow:4px 4px 4px 4px rgb(204, 145,  
138) }
```


Background

The CSS property to change the background color of an element to Yxy 34.9231, 0.3837, 0.3383 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 145, 138) }
```

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

```
.background{ background-color: rgb(204,  
145, 138) }
```

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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