

Converting Colors

$Y_{xy}(38.1000, 0.3550, 0.3124)$

Have a look what the booklet for
Yxy(38.1000, 0.3550, 0.3124)
contains.

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Color

Yxy(38.2949, 0.3550, 0.3127)

Conversions

Conversions Part 1

Format	Color
Hex	CE98A5
RGB	206, 152, 165
RGB Percent	81%, 60%, 65%
CMY	0.1921, 0.4039, 0.3530
CMYK	0.00, 0.26, 0.20, 0.19
HSL	346°, 36%, 70%
HSV	346°, 26%, 81%
XYZ	43.4752, 38.2949, 40.6952
YIQ	169.6280, 28.0110, 15.4910

Conversions

Conversions Part 2

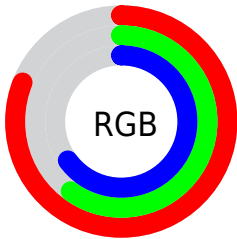
Format	Color
R _Y B	206, 152, 165
Decimal	13539493
CIE Lab	68.24, 22.15, 1.17
CIE LCh	68, 22.184, 3.029
Yxy	38.2949, 0.3550, 0.3127
Android (android.graphics.Color)	4291729573 (0xFFCE98A5)
YUV	169.6280, -2.2816, 31.8982
Hunter-Lab	61.8829, 17.1083, 4.3279

Details

The Yxy color **38.2949, 0.3550, 0.3127** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **54.6744, 0.2826, 0.3461**, and the grayscale version is **40.0059, 0.3127, 0.3290**.

A 20% lighter version of the original color is **71.0530, 0.3400, 0.3159**, and **17.0789, 0.3687, 0.3087** is the 20% darker color. If you saturate the color by 10%, you get **31.6448, 0.3781, 0.3062**, and if you desaturate by 10%, it is **46.1796, 0.3361, 0.3192**.

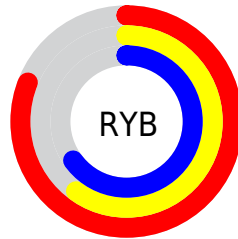
Distribution



Red (81%)

Green (60%)

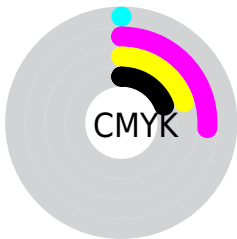
Blue (65%)



Red (81%)

Yellow (60%)

Blue (65%)

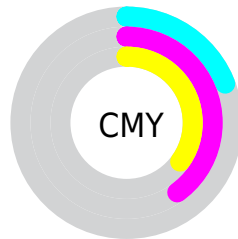


Cyan (0%)

Magenta (26%)

Yellow (20%)

Black (19%)



Cyan (19%)


Magenta (40%)


Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 38.2949, 0.3550, 0.3127 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 38.2949, 0.3550, 0.3127 by changing the saturation by 10% instead.


 38.2949, 0.3550,
0.3127


 38.2949, 0.3550,
0.3127


338.8833, 0.3331,
0.3212

 26.2116, 0.3607,
0.3105


 72.5599, 0.3469,
0.3159

 16.9820, 0.3682,
0.3075


 95.5105, 0.3439,
0.3170

 10.2217, 0.3784,
0.3034


122.8523, 0.3414,
0.3180

 5.5462, 0.3932,
0.2975

154.9697, 0.3392,
0.3189

 2.5712, 0.4166,
0.2881

192.2471, 0.3374,
0.3196

 0.9122, 0.4585,
0.2709

235.0689, 0.3358,


 0.0000, 1.0000,


0.3202


0.0000


283.8195, 0.3344,
0.3207


 0.0000, 0.0000,
0.0000


 38.2949, 0.3550,
0.3127

 38.2949, 0.3550,
0.3127

 31.6448, 0.3781,
0.3062


 46.1796, 0.3361,
0.3192

 26.1615, 0.4060,
0.3000


 55.3517, 0.3208,
0.3254


 21.7786, 0.4388,
0.2950

 65.8674, 0.3083,
0.3311

 18.4210, 0.4760,
0.2919

 77.7779, 0.2982,
0.3364

 16.0041, 0.5154,
0.2918

 91.1276, 0.2900,
0.3413

■ 14.4293, 0.5538,
0.2957

■ 91.8634, 0.2838,
0.3289

■ 13.5731, 0.5867,
0.3035

■ 13.3500, 0.5976,
0.3066

Harmonies

Analogous

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



38.2949, 0.3234, 0.2902



38.2949, 0.3550, 0.3127



38.2949, 0.3752, 0.3398

Triad

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



38.2949, 0.3550, 0.3127



38.2949, 0.3327, 0.3875



38.2949, 0.2517, 0.2882

Complementary

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



38.2949, 0.3550, 0.3127



54.6744, 0.2826, 0.3461

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.



38.2949, 0.2540, 0.3129



38.2949, 0.3550, 0.3127



38.2949, 0.2997, 0.3729

Square

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



38.2949, 0.3550, 0.3127



38.2949, 0.3615, 0.3840



38.2949, 0.2711, 0.3446



38.2949, 0.2646, 0.2757

Rectangle

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



38.2949, 0.3550, 0.3127



38.2949, 0.3788, 0.3577



38.2949, 0.2711, 0.3446



38.2949, 0.2508, 0.2952

Sweetspot

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



38.2967, 0.3550, 0.3127



86.7100, 0.3234, 0.3242



38.1865, 0.3033, 0.2618



18.0587, 0.3256, 0.3233



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.



38.2967, 0.3550, 0.3127



56.2298, 0.3664, 0.3093



42.4827, 0.3640, 0.3462



11.2572, 0.3253, 0.3234



8.2324, 0.5940, 0.3046



0.4370, 0.5371, 0.2732

Inverse Universe

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



38.2967, 0.3550, 0.3127



56.2298, 0.3664, 0.3093



49.0553, 0.2730, 0.3111



11.2572, 0.3253, 0.3234



8.2324, 0.5940, 0.3046



0.4370, 0.5371, 0.2732

Previews

White Background



This preview shows how the Yxy color 38.2949, 0.3550, 0.3127 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 38.2949, 0.3550, 0.3127 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

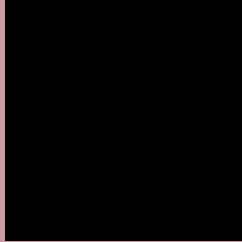
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 38.2949, 0.3550, 0.3127

Background



This preview shows how black text looks on a background with the Yxy color 38.2949, 0.3550, 0.3127.



This preview shows how white text looks on a background with the Yxy color 38.2949, 0.3550, 0.3127.

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

38.2949, 0.3550, 0.3127

Protanopia

38.6144, 0.3086, 0.3192

Deuteranopia

38.3244, 0.3332, 0.3264



Tritanopia

38.2586, 0.3560, 0.3140

Trichromacy



Original Color

38.2949, 0.3550, 0.3127

Protanomaly

38.3371, 0.3248, 0.3169

Deuteranomaly

38.3405, 0.3406, 0.3211

Tritanomaly

38.2586, 0.3560, 0.3140

Monochromacy



Original Color

38.2949, 0.3550, 0.3127

Achromatopsia

40.1978, 0.3127, 0.3290

Achromatomaly

39.0888, 0.3273, 0.3223

CSS Examples

Text

The CSS property to change the color of the text to Yxy 38.2949, 0.3550, 0.3127 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(206, 152, 165)` looks like.

```
.text, #text, p{  
    color:rgb(206, 152, 165)  
}
```

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(206, 152, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 152, 165) }
```

Border

The CSS property to change the border of an element to Yxy 38.2949, 0.3550, 0.3127 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(206, 152, 165) }
```

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

```
.border{ border-color:rgb(206, 152, 165) }
```

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

Here you see how a box with a 4 pixel `rgb(206, 152, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 152, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 152, 165);  
box-shadow:4px 4px 4px 4px rgb(206, 152,  
165) }
```


Background

The CSS property to change the background color of an element to Yxy 38.2949, 0.3550, 0.3127 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 152, 165) }
```

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

```
.background{ background-color: rgb(206,  
152, 165) }
```

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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