

Converting Colors

$Yxy(37.9989, 0.3490, 0.3079)$

Have a look what the booklet for
Yxy(37.9989, 0.3490, 0.3079)
contains.

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Color

Yxy(38.1210, 0.3499, 0.3088)

Conversions

Conversions Part 1

Format	Color
Hex	CC98A8
RGB	204, 152, 168
RGB Percent	80%, 60%, 66%
CMY	0.2001, 0.4039, 0.3411
CMYK	0.00, 0.25, 0.18, 0.20
HSL	342°, 34%, 70%
HSV	342°, 25%, 80%
XYZ	43.1947, 38.1210, 42.1331
YIQ	169.3720, 25.8560, 16.0000

Conversions

Conversions Part 2

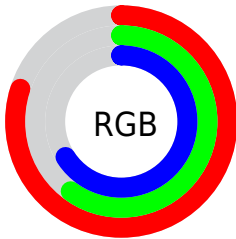
Format	Color
R_{YB}	204, 152, 168
Decimal	13408424
CIE _{Lab}	68.11, 21.87, -0.73
CIE _{LCh}	68, 21.886, 358.101
Yxy	38.1210, 0.3499, 0.3088
Android (android.graphics.Color)	4291598504 (0xFFCC98A8)
YUV	169.3720, -0.6764, 30.3688
Hunter-Lab	61.7422, 16.8294, 2.7599

Details

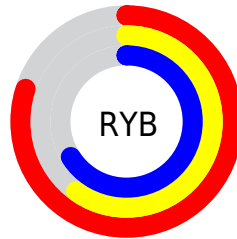
The Yxy color **38.1210, 0.3499, 0.3088** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **53.4830, 0.2856, 0.3503**, and the grayscale version is **39.8646, 0.3127, 0.3290**.

A 20% lighter version of the original color is **71.2134, 0.3378, 0.3129**, and **16.9579, 0.3614, 0.3034** is the 20% darker color. If you saturate the color by 10%, you get **31.5623, 0.3705, 0.3005**, and if you desaturate by 10%, it is **45.8789, 0.3330, 0.3170**.

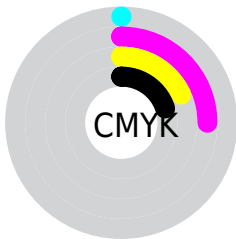
Distribution



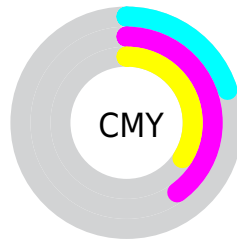
- Red (80%)
- Green (60%)
- Blue (66%)



- Red (80%)
- Yellow (60%)
- Blue (66%)



- Cyan (0%)
- Magenta (25%)
- Yellow (18%)
- Black (20%)





- Cyan (20%)
- Magenta (40%)
- Yellow (34%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 38.1210, 0.3499, 0.3088 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 38.1210, 0.3499, 0.3088 by changing the saturation by 10% instead.


 38.1210, 0.3499,
0.3088


 38.1210, 0.3499,
0.3088


338.1387, 0.3307,
0.3192

 26.0766, 0.3549,
0.3061


 72.2936, 0.3428,
0.3127

 16.8810, 0.3614,
0.3026


 95.1905, 0.3401,
0.3141

 10.1497, 0.3704,
0.2978


122.4738, 0.3379,
0.3153

 5.4983, 0.3833,
0.2909

154.5278, 0.3361,
0.3163

 2.5425, 0.4036,
0.2801

191.7369, 0.3344,
0.3172

 0.8978, 0.4399,
0.2609

234.4855, 0.3330,

 0.0000, 1.0000,

0.3179

0.0000

283.1580, 0.3318,
0.3186

■ 0.0000, 0.0000,
0.0000

■ 38.1210, 0.3499,
0.3088

■ 38.1210, 0.3499,
0.3088

■ 31.5623, 0.3705,
0.3005

■ 45.8789, 0.3330,
0.3170

■ 26.1376, 0.3952,
0.2925

■ 54.8868, 0.3192,
0.3249

■ 21.7833, 0.4244,
0.2856

■ 65.1985, 0.3079,
0.3323

■ 18.4274, 0.4574,
0.2809

■ 76.8634, 0.2987,
0.3390

■ 15.9887, 0.4931,
0.2794

■ 89.9283, 0.2912,
0.3452

■ 14.3735, 0.5290,
0.2824

■ 91.4285, 0.2839,
0.3313

■ 13.4669, 0.5616,
0.2900

■ 91.5746, 0.2827,
0.3289

■ 13.1913, 0.5751,
0.2942

Harmonies

Analogous

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



38.1210, 0.3178, 0.2878



38.1210, 0.3499, 0.3088



38.1210, 0.3723, 0.3352

Triad

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



38.1210, 0.3499, 0.3088



38.1210, 0.3377, 0.3875



38.1210, 0.2517, 0.2919

Complementary

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



38.1210, 0.3499, 0.3088



53.4830, 0.2856, 0.3503

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.



38.1210, 0.2565, 0.3180



38.1210, 0.3499, 0.3088



38.1210, 0.3051, 0.3759

Square

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



38.1210, 0.3499, 0.3088



38.1210, 0.3646, 0.3813



38.1210, 0.2756, 0.3495



38.1210, 0.2621, 0.2774

Rectangle

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



38.1210, 0.3499, 0.3088



38.1210, 0.3779, 0.3531



38.1210, 0.2756, 0.3495



38.1210, 0.2516, 0.2995

Sweetspot

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



38.1227, 0.3499, 0.3088



86.7916, 0.3225, 0.3229



37.4502, 0.3004, 0.2632



18.0792, 0.3246, 0.3217



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.



38.1227, 0.3499, 0.3088



56.4747, 0.3616, 0.3038



40.7809, 0.3633, 0.3413



11.2696, 0.3242, 0.3219



8.3193, 0.5714, 0.2922



0.4428, 0.5149, 0.2610

Inverse Universe

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



38.1227, 0.3499, 0.3088



56.4747, 0.3616, 0.3038



49.8208, 0.2745, 0.3163



11.2696, 0.3242, 0.3219



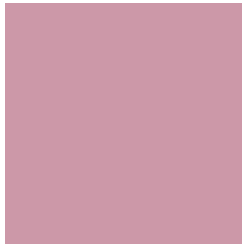
8.3193, 0.5714, 0.2922



0.4428, 0.5149, 0.2610

Previews

White Background



This preview shows how the Yxy color 38.1210, 0.3499, 0.3088 looks on a white background.

Color Contrast Check

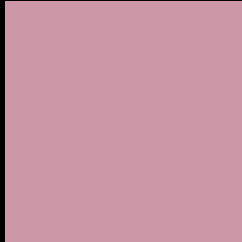
Large Text (above 18pt) WCAG AA × Fail

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 38.1210, 0.3499, 0.3088 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

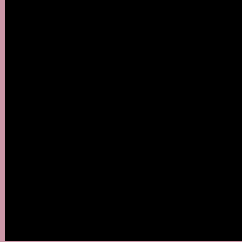
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 38.1210, 0.3499, 0.3088

Background



This preview shows how black text looks on a background with the Yxy color 38.1210, 0.3499, 0.3088.



This preview shows how white text looks on a background with the Yxy color 38.1210, 0.3499, 0.3088.

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

38.1210, 0.3499, 0.3088

Protanopia

38.1518, 0.3043, 0.3136

Deuteranopia

38.1880, 0.3284, 0.3223



Tritanopia

38.3002, 0.3537, 0.3151

Trichromacy



Original Color

38.1210, 0.3499, 0.3088

Protanomaly

37.8620, 0.3202, 0.3114

Deuteranomaly

38.1909, 0.3358, 0.3171

Tritanomaly

38.3364, 0.3527, 0.3139

Monochromacy



Original Color

38.1210, 0.3499, 0.3088

Achromatopsia

39.6755, 0.3127, 0.3290

Achromatomaly

39.0040, 0.3254, 0.3209

CSS Examples

Text

The CSS property to change the color of the text to Yxy 38.1210, 0.3499, 0.3088 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, 152, 168)` looks like.

```
.text, #text, p{  
    color:rgb(204, 152, 168)  
}
```

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, 152, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 152, 168) }
```

Border

The CSS property to change the border of an element to Yxy 38.1210, 0.3499, 0.3088 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, 152, 168) }
```

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

```
.border{ border-color:rgb(204, 152, 168) }
```

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

Here you see how a box with a 4 pixel rgb(204, 152, 168) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 152, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 152, 168);  
box-shadow:4px 4px 4px 4px rgb(204, 152,  
168) }
```


Background

The CSS property to change the background color of an element to Yxy 38.1210, 0.3499, 0.3088 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 152, 168) }
```

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

```
.background{ background-color: rgb(204,  
152, 168) }
```

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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