

Converting Colors

$Yxy(38.0984, 0.3610, 0.3252)$

Have a look what the booklet for
Yxy(38.0984, 0.3610, 0.3252)
contains.

Yxy(38.0201, 0.3619, 0.3253)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(38.0201, 0.3619, 0.3253)

Conversions

Conversions Part 1

Format	Color
Hex	CC999C
RGB	204, 153, 156
RGB Percent	80%, 60%, 61%
CMY	0.1999, 0.4000, 0.3883
CMYK	0.00, 0.25, 0.24, 0.20
HSL	356°, 33%, 70%
HSV	356°, 25%, 80%
XYZ	42.2978, 38.0201, 36.5591
YIQ	168.5910, 29.4330, 11.7450

Conversions

Conversions Part 2

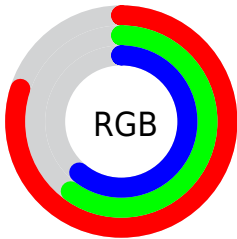
Format	Color
R_{YB}	204, 153, 156
Decimal	13408668
CIE _{Lab}	68.04, 19.51, 5.88
CIE _{LCh}	68, 20.381, 16.768
Yxy	38.0201, 0.3619, 0.3253
Android (android.graphics.Color)	4291598748 (0xFFCC999C)
YUV	168.5910, -6.2074, 31.0537
Hunter-Lab	61.6604, 14.5416, 8.0086

Details

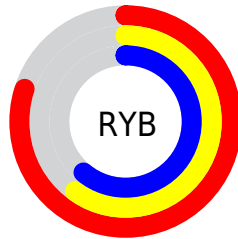
The Yxy color **38.0201, 0.3619, 0.3253** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **54.1863, 0.2781, 0.3328**, and the grayscale version is **39.4853, 0.3127, 0.3290**.

A 20% lighter version of the original color is **71.0249, 0.3473, 0.3271**, and **16.9122, 0.3773, 0.3240** is the 20% darker color. If you saturate the color by 10%, you get **31.3048, 0.3903, 0.3238**, and if you desaturate by 10%, it is **45.9836, 0.3389, 0.3268**.

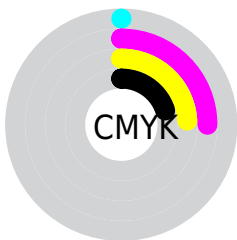
Distribution



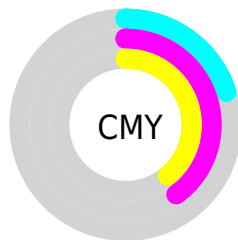
- Red (80%)
- Green (60%)
- Blue (61%)



- Red (80%)
- Yellow (60%)
- Blue (61%)



- Cyan (0%)
- Magenta (25%)
- Yellow (24%)
- Black (20%)





- Cyan (20%)
- Magenta (40%)
- Yellow (39%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 38.0201, 0.3619, 0.3253 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 38.0201, 0.3619, 0.3253 by changing the saturation by 10% instead.


 38.0201, 0.3619,
0.3253

 38.0201, 0.3619,
0.3253


337.7062, 0.3363,
0.3276

 25.9983, 0.3686,
0.3246


 72.1389, 0.3523,
0.3262

 16.8224, 0.3775,
0.3236


 95.0048, 0.3488,
0.3266

 10.1079, 0.3896,
0.3220


122.2541, 0.3459,
0.3268

 5.4706, 0.4073,
0.3195

154.2712, 0.3434,
0.3270

 2.5259, 0.4353,
0.3149

191.4406, 0.3412,
0.3272

 0.8896, 0.4951,
0.3104

234.1466, 0.3394,


 0.0000, 1.0000,


0.3273

0.0000


282.7737, 0.3377,
0.3275


 0.0000, 0.0000,
0.0000


 38.0201, 0.3619,
0.3253


 38.0201, 0.3619,
0.3253


 31.3048, 0.3903,
0.3238


 45.9836, 0.3389,
0.3268


 25.7695, 0.4250,
0.3224


 55.2485, 0.3205,
0.3283

 21.3475, 0.4658,
0.3214

 65.8712, 0.3058,
0.3297

 17.9636, 0.5112,
0.3210

 77.9034, 0.2939,
0.3309

 15.5329, 0.5572,
0.3217

 91.3894, 0.2843,
0.3320

■ 13.9574, 0.5975,
0.3234

■ 91.5805, 0.2827,
0.3289

■ 13.1178, 0.6255,
0.3261

■ 12.8670, 0.6346,
0.3269

Harmonies

Analogous

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



38.0201, 0.3367, 0.3019



38.0201, 0.3619, 0.3253



38.0201, 0.3733, 0.3507

Triad

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



38.0201, 0.3619, 0.3253



38.0201, 0.3173, 0.3785



38.0201, 0.2601, 0.2845

Complementary

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



38.0201, 0.3619, 0.3253



54.1863, 0.2781, 0.3328

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.



38.0201, 0.2557, 0.3027



38.0201, 0.3619, 0.3253



38.0201, 0.2877, 0.3585

Square

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



38.0201, 0.3619, 0.3253



38.0201, 0.3467, 0.3831



38.0201, 0.2655, 0.3298



38.0201, 0.2780, 0.2787

Rectangle

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



38.0201, 0.3619, 0.3253



38.0201, 0.3713, 0.3658



38.0201, 0.2655, 0.3298



38.0201, 0.2571, 0.2893

Sweetspot

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



38.0219, 0.3619, 0.3253



86.4923, 0.3258, 0.3279



39.5069, 0.3125, 0.2667



18.0044, 0.3285, 0.3276



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.



38.0219, 0.3619, 0.3253



56.7189, 0.3765, 0.3245



45.8420, 0.3583, 0.3570



11.2242, 0.3281, 0.3277



8.1013, 0.6331, 0.3261



0.4218, 0.6102, 0.3135

Inverse Universe

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



38.0219, 0.3619, 0.3253



56.7189, 0.3765, 0.3245



44.5520, 0.2737, 0.2992



11.2242, 0.3281, 0.3277



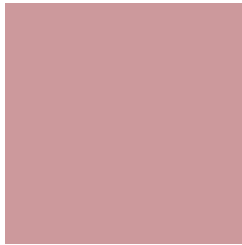
8.1013, 0.6331, 0.3261



0.4218, 0.6102, 0.3135

Previews

White Background



This preview shows how the Yxy color 38.0201, 0.3619, 0.3253 looks on a white background.

Color Contrast Check

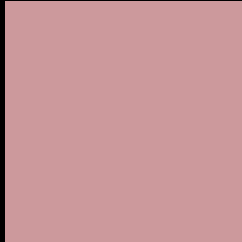
Large Text (above 18pt) WCAG AA × Fail

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 38.0201, 0.3619, 0.3253 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

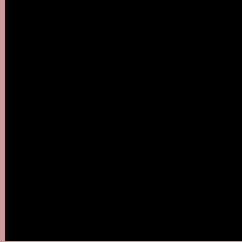
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 38.0201, 0.3619, 0.3253

Background



This preview shows how black text looks on a background with the Yxy color 38.0201, 0.3619, 0.3253.



This preview shows how white text looks on a background with the Yxy color 38.0201, 0.3619, 0.3253.

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

38.0201, 0.3619, 0.3253

Protanopia

38.1007, 0.3191, 0.3318

Deuteranopia

37.9473, 0.3429, 0.3359



Tritanopia

38.0800, 0.3560, 0.3152

Trichromacy



Original Color

38.0201, 0.3619, 0.3253

Protanomaly

37.9729, 0.3340, 0.3304

Deuteranomaly

37.8180, 0.3506, 0.3318

Tritanomaly

37.9737, 0.3591, 0.3190

Monochromacy



Original Color

38.0201, 0.3619, 0.3253

Achromatopsia

39.6755, 0.3127, 0.3290

Achromatomaly

38.8198, 0.3300, 0.3277

CSS Examples

Text

The CSS property to change the color of the text to Yxy 38.0201, 0.3619, 0.3253 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, 153, 156)` looks like.

```
.text, #text, p{  
    color:rgb(204, 153, 156)  
}
```

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, 153, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 153, 156) }
```

Border

The CSS property to change the border of an element to Yxy 38.0201, 0.3619, 0.3253 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, 153, 156) }
```

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

```
.border{ border-color:rgb(204, 153, 156) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 153, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(204, 153, 156); -webkit-box-shadow:4px 4px 4px 4px rgb(204, 153, 156); box-shadow:4px 4px 4px 4px rgb(204, 153, 156) }
```


Background

The CSS property to change the background color of an element to Yxy 38.0201, 0.3619, 0.3253 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 153, 156) }
```

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

```
.background{ background-color: rgb(204,  
153, 156) }
```

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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