

Converting Colors

$Yxy(38.4350, 0.3344, 0.3057)$

Have a look what the booklet for
Yxy(38.4350, 0.3344, 0.3057)
contains.

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Color

Yxy(38.4350, 0.3344, 0.3057)

Conversions

Conversions Part 1

Format	Color
Hex	C39CAE
RGB	195, 156, 174
RGB Percent	76%, 61%, 68%
CMY	0.2351, 0.3883, 0.3176
CMYK	0.00, 0.20, 0.11, 0.24
HSL	332°, 25%, 69%
HSV	332°, 20%, 76%
XYZ	42.0434, 38.4350, 45.2494
YIQ	169.7130, 17.4660, 13.8660

Conversions

Conversions Part 2

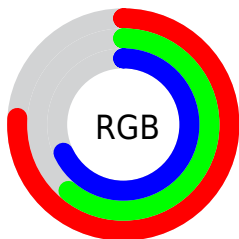
Format	Color
R _Y B	195, 156, 174
Decimal	12819630
CIE Lab	68.34, 17.43, -3.84
CIE LCh	68, 17.852, 347.591
Yxy	38.4350, 0.3344, 0.3057
Android (android.graphics.Color)	4291009710 (0xFFC39CAE)
YUV	169.7130, 2.1135, 22.1767
Hunter-Lab	61.9960, 12.5592, 0.1228

Details

The Yxy color **38.4350, 0.3344, 0.3057** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **49.2934, 0.2953, 0.3536**, and the grayscale version is **40.0335, 0.3127, 0.3290**.

A 20% lighter version of the original color is **72.9411, 0.3306, 0.3109**, and **17.1710, 0.3405, 0.2991** is the 20% darker color. If you saturate the color by 10%, you get **32.0147, 0.3487, 0.2934**, and if you desaturate by 10%, it is **45.9418, 0.3225, 0.3177**.

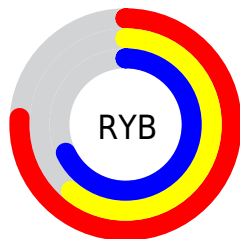
Distribution



Red (76%)

Green (61%)

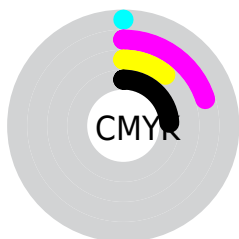
Blue (68%)



Red (76%)

Yellow (61%)

Blue (68%)

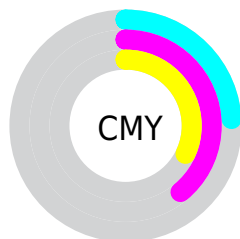


Cyan (0%)

Magenta (20%)

Yellow (11%)

Black (24%)



Cyan (24%)

Magenta (39%)

Yellow (32%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 38.4350, 0.3344, 0.3057 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 38.4350, 0.3344, 0.3057 by changing the saturation by 10% instead.


 38.4350, 0.3344,
0.3057


 38.4350, 0.3344,
0.3057


339.4823, 0.3233,
0.3175

 26.3205, 0.3373,
0.3027


 72.7744, 0.3303,
0.3100

 17.0635, 0.3410,
0.2988

 95.7680, 0.3288,
0.3117

 10.2798, 0.3460,
0.2935


123.1569, 0.3275,
0.3130

 5.5849, 0.3533,
0.2860

155.3253, 0.3264,
0.3142

 2.5943, 0.3645,
0.2746

192.6576, 0.3255,
0.3152

 0.9238, 0.3843,
0.2549

235.5383, 0.3247,

 0.0000, 0.7865,


0.3161


0.0000

284.3518, 0.3239,
0.3169


 0.0000, 0.0000,
0.0000

 38.4350, 0.3344,
0.3057


 38.4350, 0.3344,
0.3057


 32.0147, 0.3487,
0.2934


 45.9418, 0.3225,
0.3177


 26.6251, 0.3656,
0.2812


 54.5774, 0.3127,
0.3290


 22.2128, 0.3855,
0.2697

 64.3882, 0.3047,
0.3395

 18.7178, 0.4083,
0.2599

 75.4162, 0.2980,
0.3493

 16.0734, 0.4336,
0.2531

 87.7016, 0.2925,
0.3583

■ 14.2036, 0.4604,
0.2505

■ 89.2456, 0.2870,
0.3482

■ 13.0186, 0.4874,
0.2530

■ 89.8780, 0.2816,
0.3368

■ 12.3462, 0.5132,
0.2601

■ 90.3484, 0.2779,
0.3289

Harmonies

Analogous

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



38.4350, 0.3075, 0.2907



38.4350, 0.3344, 0.3057



38.4350, 0.3560, 0.3265

Triad

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



38.4350, 0.3344, 0.3057



38.4350, 0.3419, 0.3762



38.4350, 0.2626, 0.3057

Complementary

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



38.4350, 0.3344, 0.3057



49.2934, 0.2953, 0.3536

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.



38.4350, 0.2710, 0.3292



38.4350, 0.3344, 0.3057



38.4350, 0.3162, 0.3716

Square

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



38.4350, 0.3344, 0.3057



38.4350, 0.3602, 0.3672



38.4350, 0.2903, 0.3540



38.4350, 0.2669, 0.2899

Rectangle

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



38.4350, 0.3344, 0.3057



38.4350, 0.3640, 0.3415



38.4350, 0.2903, 0.3540



38.4350, 0.2640, 0.3129

Sweetspot

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



38.4367, 0.3344, 0.3057



88.0729, 0.3185, 0.3222



37.0402, 0.2982, 0.2773



19.0656, 0.3191, 0.3214



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.



38.4367, 0.3344, 0.3057



63.5756, 0.3403, 0.3004



38.2196, 0.3516, 0.3308



10.1535, 0.3218, 0.3184



8.0367, 0.5099, 0.2583



0.3611, 0.4570, 0.2291

Inverse Universe

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



38.4367, 0.3344, 0.3057



63.5756, 0.3403, 0.3004



49.4791, 0.2830, 0.3272



10.1535, 0.3218, 0.3184



8.0367, 0.5099, 0.2583



0.3611, 0.4570, 0.2291

Previews

White Background



This preview shows how the Yxy color 38.4350, 0.3344, 0.3057 looks on a white background.

Color Contrast Check

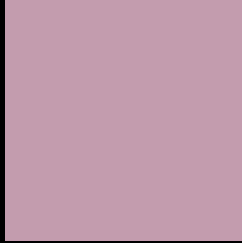
Large Text (above 18pt) WCAG AA × Fail

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 38.4350, 0.3344, 0.3057 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

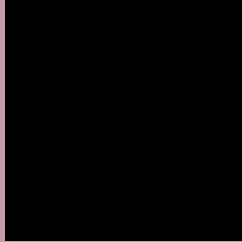
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 38.4350, 0.3344, 0.3057

Background



This preview shows how black text looks on a background with the Yxy color 38.4350, 0.3344, 0.3057.



This preview shows how white text looks on a background with the Yxy color 38.4350, 0.3344, 0.3057.

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

38.4350, 0.3344, 0.3057

Protanopia

38.6747, 0.3010, 0.3096

Deuteranopia

38.5611, 0.3200, 0.3141



Tritanopia

38.4478, 0.3380, 0.3134

Trichromacy



Original Color

38.4350, 0.3344, 0.3057

Protanomaly

38.4021, 0.3128, 0.3073

Deuteranomaly

38.4730, 0.3250, 0.3117

Tritanomaly

38.5236, 0.3361, 0.3108

Monochromacy



Original Color

38.4350, 0.3344, 0.3057

Achromatopsia

40.1978, 0.3127, 0.3290

Achromatomaly

39.4342, 0.3206, 0.3209

CSS Examples

Text

The CSS property to change the color of the text to Yxy 38.4350, 0.3344, 0.3057 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(195, 156, 174)` looks like.

```
.text, #text, p{  
    color:rgb(195, 156, 174)  
}
```

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(195, 156, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 156, 174) }
```

Border

The CSS property to change the border of an element to Yxy 38.4350, 0.3344, 0.3057 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(195, 156, 174) }
```

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

```
.border{ border-color:rgb(195, 156, 174) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 156, 174)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 156, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 156, 174);  
box-shadow:4px 4px 4px 4px rgb(195, 156,  
174) }
```


Background

The CSS property to change the background color of an element to Yxy 38.4350, 0.3344, 0.3057 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 156, 174) }
```

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

```
.background{ background-color: rgb(195,  
156, 174) }
```

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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