

Converting Colors

$Yxy(39.1672, 0.3353, 0.3098)$

Have a look what the booklet for
Yxy(39.1672, 0.3353, 0.3098)
contains.

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Color

Yxy(39.0730, 0.3350, 0.3096)

Conversions

Conversions Part 1

Format	Color
Hex	C39EAD
RGB	195, 158, 173
RGB Percent	76%, 62%, 68%
CMY	0.2352, 0.3804, 0.3215
CMYK	0.00, 0.19, 0.11, 0.24
HSL	336°, 24%, 69%
HSV	336°, 19%, 76%
XYZ	42.2786, 39.0730, 44.8532
YIQ	170.7730, 17.2370, 12.5090

Conversions

Conversions Part 2

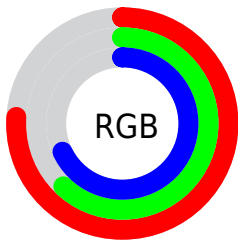
Format	Color
R_{YB}	195, 158, 173
Decimal	12820141
CIE _{Lab}	68.80, 16.14, -2.60
CIE _{LCh}	69, 16.351, 350.854
Yxy	39.0730, 0.3350, 0.3096
Android (android.graphics.Color)	4291010221 (0xFFC39EAD)
YUV	170.7730, 1.0979, 21.2471
Hunter-Lab	62.5084, 11.3418, 1.2121

Details

The Yxy color **39.0730, 0.3350, 0.3096** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **49.6009, 0.2948, 0.3493**, and the grayscale version is **40.5945, 0.3127, 0.3290**.

A 20% lighter version of the original color is **73.8854, 0.3311, 0.3139**, and **17.3513, 0.3416, 0.3026** is the 20% darker color. If you saturate the color by 10%, you get **32.5119, 0.3505, 0.2987**, and if you desaturate by 10%, it is **46.7322, 0.3222, 0.3201**.

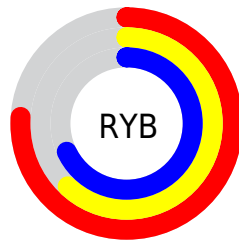
Distribution



Red (76%)

Green (62%)

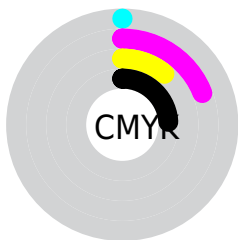
Blue (68%)



Red (76%)

Yellow (62%)

Blue (68%)

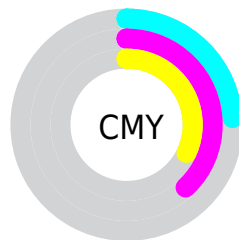


Cyan (0%)

Magenta (19%)

Yellow (11%)

Black (24%)



Cyan (24%)


Magenta (38%)

Yellow (32%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 39.0730, 0.3350, 0.3096 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 39.0730, 0.3350, 0.3096 by changing the saturation by 10% instead.


 39.0730, 0.3350,
0.3096


 39.0730, 0.3350,
0.3096


342.2008, 0.3236,
0.3195

 26.8165, 0.3379,
0.3071


 73.7498, 0.3308,
0.3132

 17.4355, 0.3418,
0.3038


 96.9390, 0.3292,
0.3146

 10.5455, 0.3470,
0.2994


124.5411, 0.3279,
0.3157

 5.7621, 0.3544,
0.2931

156.9407, 0.3268,
0.3167

 2.7010, 0.3661,
0.2834

194.5220, 0.3258,
0.3175

 0.9777, 0.3866,
0.2667

237.6695, 0.3250,


 0.0000, 0.8772,


0.3183


0.0000

286.7677, 0.3242,
0.3189


 0.0000, 0.0000,
0.0000


 39.0730, 0.3350,
0.3096


 39.0730, 0.3350,
0.3096


 32.5119, 0.3505,
0.2987


 46.7322, 0.3222,
0.3201


 26.9930, 0.3690,
0.2879

 55.5316, 0.3117,
0.3300

 22.4633, 0.3909,
0.2777

 65.5174, 0.3031,
0.3392

 18.8632, 0.4163,
0.2691

 76.7319, 0.2960,
0.3476

 16.1263, 0.4446,
0.2631

 88.8920, 0.2902,
0.3549

■ 14.1776, 0.4748,
0.2612

■ 89.5689, 0.2841,
0.3422

■ 12.9287, 0.5051,
0.2642

■ 90.2899, 0.2783,
0.3298

■ 12.2303, 0.5336,
0.2720

■ 90.3440, 0.2778,
0.3289

■ 12.1697, 0.5365,
0.2729

Harmonies

Analogous

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



39.0730, 0.3107, 0.2951



39.0730, 0.3350, 0.3096



39.0730, 0.3537, 0.3291

Triad

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



39.0730, 0.3350, 0.3096



39.0730, 0.3370, 0.3721



39.0730, 0.2668, 0.3058

Complementary

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



39.0730, 0.3350, 0.3096



49.6009, 0.2948, 0.3493

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.



39.0730, 0.2732, 0.3268



39.0730, 0.3350, 0.3096



39.0730, 0.3133, 0.3664

Square

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



39.0730, 0.3350, 0.3096



39.0730, 0.3547, 0.3653



39.0730, 0.2900, 0.3494



39.0730, 0.2719, 0.2923

Rectangle

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



39.0730, 0.3350, 0.3096



39.0730, 0.3600, 0.3428



39.0730, 0.2900, 0.3494



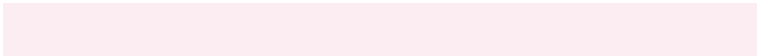
39.0730, 0.2676, 0.3122

Sweetspot

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



39.0747, 0.3350, 0.3096



88.0216, 0.3190, 0.3230



38.0483, 0.3007, 0.2804



19.0532, 0.3197, 0.3223



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.



39.0747, 0.3350, 0.3096



64.5939, 0.3414, 0.3049



39.5914, 0.3487, 0.3332



10.1441, 0.3227, 0.3197



7.9242, 0.5330, 0.2710



0.3560, 0.4746, 0.2388

Inverse Universe

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



39.0747, 0.3350, 0.3096



64.5939, 0.3414, 0.3049



48.8780, 0.2843, 0.3248



10.1441, 0.3227, 0.3197



7.9242, 0.5330, 0.2710



0.3560, 0.4746, 0.2388

Previews

White Background



This preview shows how the Yxy color 39.0730, 0.3350, 0.3096 looks on a white background.

Color Contrast Check

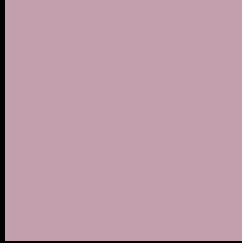
Large Text (above 18pt) WCAG AA × Fail

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 39.0730, 0.3350, 0.3096 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 39.0730, 0.3350, 0.3096

Background



This preview shows how black text looks on a background with the Yxy color 39.0730, 0.3350, 0.3096.



This preview shows how white text looks on a background with the Yxy color 39.0730, 0.3350, 0.3096.

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

39.0730, 0.3350, 0.3096

Protanopia

39.1766, 0.3044, 0.3138

Deuteranopia

39.1180, 0.3227, 0.3169



Tritanopia

38.9961, 0.3369, 0.3122

Trichromacy



Original Color

39.0730, 0.3350, 0.3096

Protanomaly

39.1505, 0.3153, 0.3128

Deuteranomaly

39.0331, 0.3277, 0.3144

Tritanomaly

39.0344, 0.3359, 0.3109

Monochromacy



Original Color

39.0730, 0.3350, 0.3096

Achromatopsia

40.7240, 0.3127, 0.3290

Achromatomaly

39.9543, 0.3205, 0.3209

CSS Examples

Text

The CSS property to change the color of the text to Yxy 39.0730, 0.3350, 0.3096 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, 158, 173)` looks like.

```
.text, #text, p{  
    color:rgb(195, 158, 173)  
}
```

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, 158, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 158, 173) }
```

Border

The CSS property to change the border of an element to Yxy 39.0730, 0.3350, 0.3096 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, 158, 173) }
```

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

```
.border{ border-color:rgb(195, 158, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 158, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 158, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 158, 173);  
box-shadow:4px 4px 4px 4px rgb(195, 158,  
173) }
```


Background

The CSS property to change the background color of an element to Yxy 39.0730, 0.3350, 0.3096 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 158, 173) }
```

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

```
.background{ background-color: rgb(195,  
158, 173) }
```

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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