

Converting Colors

Yxy(39.1334, 0.3443, 0.3123)

Have a look what the booklet for
Yxy(39.1334, 0.3443, 0.3123)
contains.

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Color

Yxy(39.0590, 0.3451, 0.3125)

Conversions

Conversions Part 1

Format	Color
Hex	C99CA9
RGB	201, 156, 169
RGB Percent	79%, 61%, 66%
CMY	0.2118, 0.3882, 0.3373
CMYK	0.00, 0.22, 0.16, 0.21
HSL	343°, 29%, 70%
HSV	343°, 22%, 79%
XYZ	43.1336, 39.0590, 42.7962
YIQ	170.9370, 22.6470, 13.5830

Conversions

Conversions Part 2

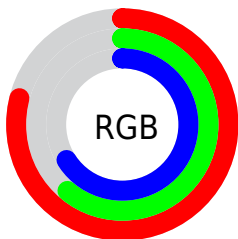
Format	Color
R _{YB}	201, 156, 169
Decimal	13212841
CIE Lab	68.79, 18.74, -0.31
CIE LCh	69, 18.745, 359.065
Yxy	39.0590, 0.3451, 0.3125
Android (android.graphics.Color)	4291402921 (0xFFC99CA9)
YUV	170.9370, -0.9549, 26.3653
Hunter-Lab	62.4972, 13.8251, 3.1481

Details

The Yxy color **39.0590, 0.3451, 0.3125** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **52.4674, 0.2882, 0.3462**, and the grayscale version is **40.6880, 0.3127, 0.3290**.

A 20% lighter version of the original color is **73.2303, 0.3365, 0.3160**, and **17.2960, 0.3547, 0.3065** is the 20% darker color. If you saturate the color by 10%, you get **32.3557, 0.3650, 0.3047**, and if you desaturate by 10%, it is **46.9406, 0.3288, 0.3201**.

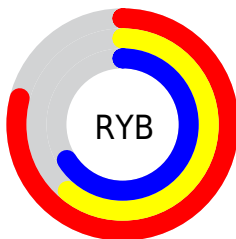
Distribution



Red (79%)

Green (61%)

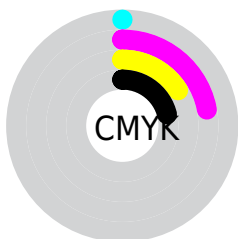
Blue (66%)



Red (79%)

Yellow (61%)

Blue (66%)

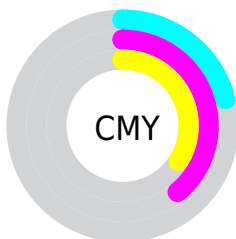


Cyan (0%)

Magenta (22%)

Yellow (16%)

Black (21%)



Cyan (21%)


Magenta (39%)


Yellow (34%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 39.0590, 0.3451, 0.3125 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 39.0590, 0.3451, 0.3125 by changing the saturation by 10% instead.


 39.0590, 0.3451,
0.3125


 39.0590, 0.3451,
0.3125


342.1413, 0.3284,
0.3210

 26.8056, 0.3494,
0.3103


 73.7284, 0.3389,
0.3156

 17.4273, 0.3551,
0.3074


 96.9133, 0.3366,
0.3168

 10.5396, 0.3628,
0.3035


124.5108, 0.3347,
0.3178

 5.7582, 0.3739,
0.2979

156.9053, 0.3331,
0.3186

 2.6986, 0.3912,
0.2891

194.4812, 0.3317,
0.3193

 0.9765, 0.4222,
0.2735

237.6229, 0.3305,

 0.0000, 1.0000,

0.3200

0.0000

286.7148, 0.3294,
0.3205

0.0000, 0.0000,
0.0000

39.0590, 0.3451,
0.3125

39.0590, 0.3451,
0.3125

32.3557, 0.3650,
0.3047

46.9406, 0.3288,
0.3201

26.7687, 0.3892,
0.2970

56.0482, 0.3155,
0.3274

22.2384, 0.4178,
0.2902

66.4331, 0.3047,
0.3341

18.6972, 0.4507,
0.2851

78.1422, 0.2958,
0.3402

16.0699, 0.4869,
0.2829

90.2558, 0.2886,
0.3443

■ 14.2701, 0.5240,
0.2847

■ 91.1418, 0.2812,
0.3291

■ 13.1948, 0.5585,
0.2910

■ 91.1557, 0.2811,
0.3289

■ 12.7211, 0.5817,
0.2978

Harmonies

Analogous

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



39.0590, 0.3181, 0.2941



39.0590, 0.3451, 0.3125



39.0590, 0.3636, 0.3354

Triad

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



39.0590, 0.3451, 0.3125



39.0590, 0.3333, 0.3783



39.0590, 0.2606, 0.2971

Complementary

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



39.0590, 0.3451, 0.3125



52.4674, 0.2882, 0.3462

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.



39.0590, 0.2643, 0.3191



39.0590, 0.3451, 0.3125



39.0590, 0.3056, 0.3679

Square

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



39.0590, 0.3451, 0.3125



39.0590, 0.3563, 0.3739



39.0590, 0.2805, 0.3456



39.0590, 0.2700, 0.2848

Rectangle

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



39.0590, 0.3451, 0.3125



39.0590, 0.3681, 0.3507



39.0590, 0.2805, 0.3456



39.0590, 0.2604, 0.3035

Sweetspot

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



39.0608, 0.3451, 0.3125



88.3442, 0.3214, 0.3240



38.6246, 0.3029, 0.2718



18.7051, 0.3222, 0.3236



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.



39.0608, 0.3451, 0.3125



60.8981, 0.3546, 0.3086



41.7291, 0.3555, 0.3407



10.6864, 0.3245, 0.3224



8.0136, 0.5780, 0.2958



0.3923, 0.5169, 0.2621

Inverse Universe

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



39.0608, 0.3451, 0.3125



60.8981, 0.3546, 0.3086



48.9812, 0.2789, 0.3170



10.6864, 0.3245, 0.3224



8.0136, 0.5780, 0.2958



0.3923, 0.5169, 0.2621

Previews

White Background



This preview shows how the Yxy color 39.0590, 0.3451, 0.3125 looks on a white background.

Color Contrast Check

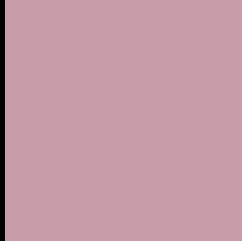
Large Text (above 18pt) WCAG AA × Fail

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 39.0590, 0.3451, 0.3125 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

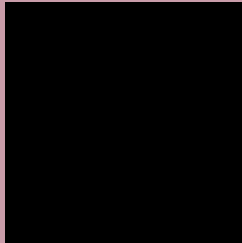
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 39.0590, 0.3451, 0.3125

Background



This preview shows how black text looks on a background with the Yxy color 39.0590, 0.3451, 0.3125.



This preview shows how white text looks on a background with the Yxy color 39.0590, 0.3451, 0.3125.

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

39.0590, 0.3451, 0.3125

Protanopia

39.2070, 0.3069, 0.3165

Deuteranopia

39.2119, 0.3282, 0.3223



Tritanopia

39.0216, 0.3461, 0.3137

Trichromacy



Original Color

39.0590, 0.3451, 0.3125

Protanomaly

39.0353, 0.3209, 0.3155

Deuteranomaly

38.9159, 0.3345, 0.3185

Tritanomaly

39.0216, 0.3461, 0.3137

Monochromacy



Original Color

39.0590, 0.3451, 0.3125

Achromatopsia

40.7240, 0.3127, 0.3290

Achromatomaly

40.1198, 0.3242, 0.3237

CSS Examples

Text

The CSS property to change the color of the text to Yxy 39.0590, 0.3451, 0.3125 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(201, 156, 169)` looks like.

```
.text, #text, p{  
    color:rgb(201, 156, 169)  
}
```

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(201, 156, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 156, 169) }
```

Border

The CSS property to change the border of an element to Yxy 39.0590, 0.3451, 0.3125 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(201, 156, 169) }
```

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

```
.border{ border-color:rgb(201, 156, 169) }
```

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

Here you see how a box with a 4 pixel rgb(201, 156, 169) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 156, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 156, 169);  
box-shadow:4px 4px 4px 4px rgb(201, 156,  
169) }
```


Background

The CSS property to change the background color of an element to Yxy 39.0590, 0.3451, 0.3125 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 156, 169) }
```

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

```
.background{ background-color: rgb(201,  
156, 169) }
```

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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