

Converting Colors

$Yxy(39.8006, 0.3853, 0.3256)$

Have a look what the booklet for
Yxy(39.8006, 0.3853, 0.3256)
contains.

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Color

Yxy(39.8006, 0.3853, 0.3256)

Conversions

Conversions Part 1

Format	Color
Hex	DF9699
RGB	223, 150, 153
RGB Percent	87%, 59%, 60%
CMY	0.1253, 0.4118, 0.4000
CMYK	0.00, 0.33, 0.31, 0.13
HSL	358°, 53%, 73%
HSV	358°, 33%, 87%
XYZ	47.0982, 39.8006, 35.3389
YIQ	172.1690, 42.5450, 16.4090

Conversions

Conversions Part 2

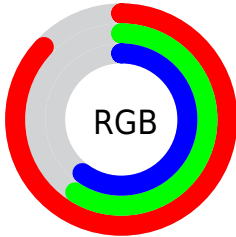
Format	Color
R_{YB}	223, 150, 153
Decimal	14653081
CIE _{Lab}	69.33, 27.87, 9.67
CIE _{LCh}	69, 29.503, 19.136
Yxy	39.8006, 0.3853, 0.3256
Android (android.graphics.Color)	4292843161 (0xFFDF9699)
YUV	172.1690, -9.4503, 44.5788
Hunter-Lab	63.0877, 22.8558, 10.9498

Details

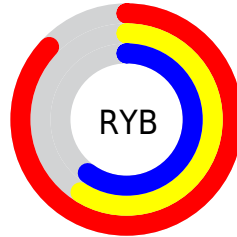
The Yxy color **39.8006, 0.3853, 0.3256** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **64.4505, 0.2678, 0.3326**, and the grayscale version is **41.3790, 0.3127, 0.3290**.

A 20% lighter version of the original color is **69.4276, 0.3502, 0.3271**, and **17.8017, 0.4081, 0.3230** is the 20% darker color. If you saturate the color by 10%, you get **32.7054, 0.4195, 0.3246**, and if you desaturate by 10%, it is **48.3809, 0.3574, 0.3267**.

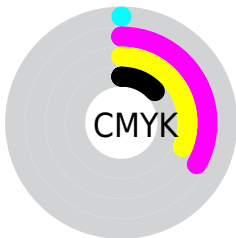
Distribution



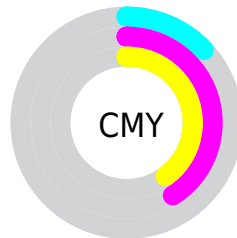
- Red (87%)
- Green (59%)
- Blue (60%)



- Red (87%)
- Yellow (59%)
- Blue (60%)



- Cyan (0%)
- Magenta (33%)
- Yellow (31%)
- Black (13%)




- Cyan (13%)
- Magenta (41%)
- Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 39.8006, 0.3853, 0.3256 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 39.8006, 0.3853, 0.3256 by changing the saturation by 10% instead.


 39.8006, 0.3853,
0.3256


 39.8006, 0.3853,
0.3256

345.2824, 0.3477,
0.3282

 27.3831, 0.3951,
0.3247


 74.8598, 0.3713,
0.3267

 17.8612, 0.4078,
0.3233


 98.2703, 0.3662,
0.3271

 10.8504, 0.4252,
0.3211


126.1139, 0.3619,
0.3274

 5.9663, 0.4501,
0.3174

158.7750, 0.3582,
0.3276

 2.8246, 0.4885,
0.3104

196.6380, 0.3550,
0.3278

 1.0409, 0.5679,
0.3020

240.0873, 0.3523,

 0.0000, 1.0000,

0.3279

0.0000


289.5073, 0.3499,
0.3281

 0.0000, 0.0000,
0.0000


 39.8006, 0.3853,
0.3256


 39.8006, 0.3853,
0.3256


 32.7054, 0.4195,
0.3246

 48.3809, 0.3574,
0.3267

 27.0057, 0.4601,
0.3239


 58.5178, 0.3349,
0.3277


 22.6112, 0.5058,
0.3236

 70.2852, 0.3170,
0.3287

 19.4186, 0.5527,
0.3240

 83.7504, 0.3026,
0.3297

 17.3090, 0.5946,
0.3252

 94.4352, 0.2935,
0.3289

■ 16.1394, 0.6243,
0.3271

■ 15.7154, 0.6366,
0.3281

Harmonies

Analogous

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



39.8006, 0.3499, 0.2932



39.8006, 0.3853, 0.3256



39.8006, 0.3996, 0.3606

Triad

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



39.8006, 0.3853, 0.3256



39.8006, 0.3149, 0.3997



39.8006, 0.2405, 0.2649

Complementary

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



39.8006, 0.3853, 0.3256



64.4505, 0.2678, 0.3326

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.



39.8006, 0.2329, 0.2880



39.8006, 0.3853, 0.3256



39.8006, 0.2739, 0.3686

Square

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



39.8006, 0.3853, 0.3256



39.8006, 0.3571, 0.4070



39.8006, 0.2445, 0.3259



39.8006, 0.2662, 0.2591

Rectangle

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



39.8006, 0.3853, 0.3256



39.8006, 0.3950, 0.3819



39.8006, 0.2445, 0.3259



39.8006, 0.2359, 0.2707

Sweetspot

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



39.8025, 0.3853, 0.3256



83.3201, 0.3297, 0.3280



42.2584, 0.3132, 0.2471



17.3715, 0.3324, 0.3279



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.



39.8025, 0.3853, 0.3256



47.4125, 0.4069, 0.3249



51.7063, 0.3759, 0.3678



13.7097, 0.3286, 0.3281



9.2402, 0.6355, 0.3274



0.6438, 0.6222, 0.3201

Inverse Universe

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



39.8025, 0.3853, 0.3256



47.4125, 0.4069, 0.3249



48.7120, 0.2609, 0.2866



13.7097, 0.3286, 0.3281



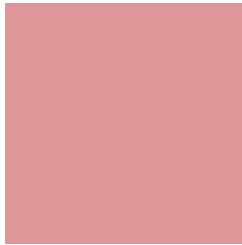
9.2402, 0.6355, 0.3274



0.6438, 0.6222, 0.3201

Previews

White Background



This preview shows how the Yxy color 39.8006, 0.3853, 0.3256 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 39.8006, 0.3853, 0.3256 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

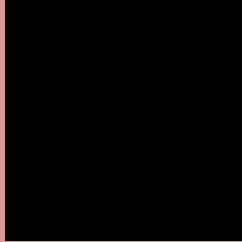
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 39.8006, 0.3853, 0.3256

Background



This preview shows how black text looks on a background with the Yxy color 39.8006, 0.3853, 0.3256.



This preview shows how white text looks on a background with the Yxy color 39.8006, 0.3853, 0.3256.

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

39.8006, 0.3853, 0.3256

Protanopia

40.0189, 0.3225, 0.3373

Deuteranopia

39.7662, 0.3529, 0.3450



Tritanopia

39.8803, 0.3792, 0.3161

Trichromacy



Original Color

39.8006, 0.3853, 0.3256

Protanomaly

39.5503, 0.3446, 0.3331

Deuteranomaly

39.5581, 0.3644, 0.3368

Tritanomaly

39.7765, 0.3824, 0.3197

Monochromacy



Original Color

39.8006, 0.3853, 0.3256

Achromatopsia

41.2543, 0.3127, 0.3290

Achromatomaly

40.3439, 0.3376, 0.3278

CSS Examples

Text

The CSS property to change the color of the text to Yxy 39.8006, 0.3853, 0.3256 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(223, 150, 153)` looks like.

```
.text, #text, p{  
    color:rgb(223, 150, 153)  
}
```

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(223, 150, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 150, 153) }
```

Border

The CSS property to change the border of an element to Yxy 39.8006, 0.3853, 0.3256 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(223, 150, 153) }
```

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

```
.border{ border-color:rgb(223, 150, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(223, 150, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 150, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 150, 153);  
box-shadow:4px 4px 4px 4px rgb(223, 150,  
153) }
```


Background

The CSS property to change the background color of an element to Yxy 39.8006, 0.3853, 0.3256 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 150, 153) }
```

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

```
.background{ background-color: rgb(223,  
150, 153) }
```

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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