

Converting Colors

$Yxy(39.5339, 0.3735, 0.3231)$

Have a look what the booklet for
Yxy(39.5339, 0.3735, 0.3231)
contains.

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Color

Yxy(39.4897, 0.3733, 0.3231)

Conversions

Conversions Part 1

Format	Color
Hex	D8989D
RGB	216, 152, 157
RGB Percent	85%, 60%, 62%
CMY	0.1531, 0.4038, 0.3844
CMYK	0.00, 0.30, 0.27, 0.15
HSL	355°, 45%, 72%
HSV	355°, 30%, 85%
XYZ	45.6252, 39.4897, 37.1064
YIQ	171.7060, 36.5390, 15.1230

Conversions

Conversions Part 2

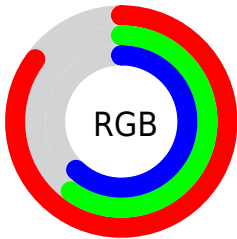
Format	Color
R _Y B	216, 152, 157
Decimal	14194845
CIE Lab	69.10, 24.66, 7.03
CIE LCh	69, 25.648, 15.915
Yxy	39.4897, 0.3733, 0.3231
Android (android.graphics.Color)	4292384925 (0xFFD8989D)
YUV	171.7060, -7.2501, 38.8458
Hunter-Lab	62.8408, 19.6274, 8.9789

Details

The Yxy color **39.4897, 0.3733, 0.3231** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **60.4784, 0.2730, 0.3351**, and the grayscale version is **41.1222, 0.3127, 0.3290**.

A 20% lighter version of the original color is **70.5888, 0.3468, 0.3250**, and **17.6285, 0.3924, 0.3195** is the 20% darker color. If you saturate the color by 10%, you get **32.4807, 0.4040, 0.3211**, and if you desaturate by 10%, it is **47.8898, 0.3483, 0.3252**.

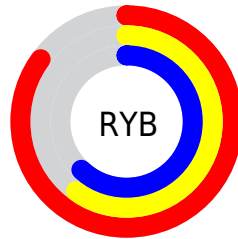
Distribution



Red (85%)

Green (60%)

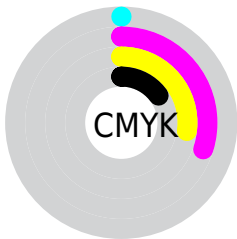
Blue (62%)



Red (85%)

Yellow (60%)

Blue (62%)

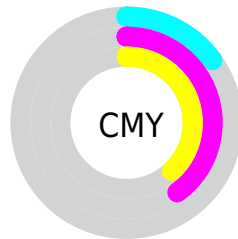


Cyan (0%)

Magenta (30%)

Yellow (27%)

Black (15%)



Cyan (15%)


Magenta (40%)


Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 39.4897, 0.3733, 0.3231 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 39.4897, 0.3733, 0.3231 by changing the saturation by 10% instead.


 39.4897, 0.3733,
0.3231


 39.4897, 0.3733,
0.3231


343.9680, 0.3419,
0.3267

 27.1409, 0.3815,
0.3220


 74.3858, 0.3616,
0.3245

 17.6791, 0.3922,
0.3205


 97.7019, 0.3573,
0.3250

 10.7198, 0.4068,
0.3182


125.4426, 0.3537,
0.3254

 5.8788, 0.4278,
0.3145

157.9922, 0.3507,
0.3258

 2.7715, 0.4605,
0.3080

195.7351, 0.3480,
0.3261

 1.0136, 0.5242,
0.2978

239.0558, 0.3457,


 0.0000, 1.0000,


0.3263


0.0000


288.3387, 0.3437,
0.3265


 0.0000, 0.0000,
0.0000

 39.4897, 0.3733,
0.3231


 39.4897, 0.3733,
0.3231


 32.4807, 0.4040,
0.3211


 47.8898, 0.3483,
0.3252

 26.7825, 0.4410,
0.3194

 57.7446, 0.3282,
0.3272

 22.3153, 0.4837,
0.3183

 69.1204, 0.3122,
0.3291

 18.9882, 0.5295,
0.3183

 82.0777, 0.2992,
0.3308

 16.6977, 0.5737,
0.3198

 93.3346, 0.2894,
0.3289

■ 15.3217, 0.6096,
0.3226

■ 14.6550, 0.6322,
0.3259

■ 14.6343, 0.6329,
0.3260

Harmonies

Analogous

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



39.4897, 0.3413, 0.2949



39.4897, 0.3733, 0.3231



39.4897, 0.3881, 0.3541

Triad

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



39.4897, 0.3733, 0.3231



39.4897, 0.3191, 0.3918



39.4897, 0.2477, 0.2744

Complementary

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



39.4897, 0.3733, 0.3231



60.4784, 0.2730, 0.3351

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.



39.4897, 0.2428, 0.2966



39.4897, 0.3733, 0.3231



39.4897, 0.2825, 0.3669

Square

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



39.4897, 0.3733, 0.3231



39.4897, 0.3554, 0.3962



39.4897, 0.2550, 0.3306



39.4897, 0.2689, 0.2673

Rectangle

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



39.4897, 0.3733, 0.3231



39.4897, 0.3858, 0.3731



39.4897, 0.2550, 0.3306



39.4897, 0.2442, 0.2802

Sweetspot

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



39.4916, 0.3733, 0.3231



84.9321, 0.3273, 0.3273



41.2158, 0.3113, 0.2547



17.6948, 0.3300, 0.3270



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.



39.4916, 0.3733, 0.3231



50.4398, 0.3933, 0.3217



48.9692, 0.3692, 0.3613



12.4363, 0.3279, 0.3272



8.6708, 0.6310, 0.3250



0.5286, 0.6047, 0.3105

Inverse Universe

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



39.4916, 0.3733, 0.3231



50.4398, 0.3933, 0.3217



48.1693, 0.2664, 0.2942



12.4363, 0.3279, 0.3272



8.6708, 0.6310, 0.3250



0.5286, 0.6047, 0.3105

Previews

White Background



This preview shows how the Yxy color 39.4897, 0.3733, 0.3231 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 39.4897, 0.3733, 0.3231 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 39.4897, 0.3733, 0.3231

Background



This preview shows how black text looks on a background with the Yxy color 39.4897, 0.3733, 0.3231.



This preview shows how white text looks on a background with the Yxy color 39.4897, 0.3733, 0.3231.

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

39.4897, 0.3733, 0.3231

Protanopia

39.6427, 0.3190, 0.3318

Deuteranopia

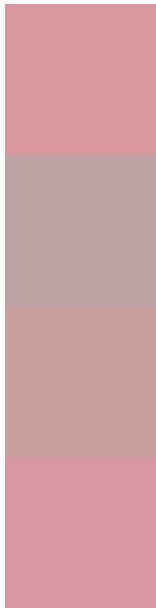
39.6373, 0.3471, 0.3398



Tritanopia

39.5293, 0.3684, 0.3146

Trichromacy



Original Color

39.4897, 0.3733, 0.3231

Protanomaly

39.3038, 0.3379, 0.3277

Deuteranomaly

39.4759, 0.3561, 0.3330

Tritanomaly

39.4581, 0.3705, 0.3170

Monochromacy



Original Color

39.4897, 0.3733, 0.3231

Achromatopsia

41.2543, 0.3127, 0.3290

Achromatomaly

40.3917, 0.3327, 0.3264

CSS Examples

Text

The CSS property to change the color of the text to Yxy 39.4897, 0.3733, 0.3231 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(216, 152, 157)` looks like.

```
.text, #text, p{  
    color:rgb(216, 152, 157)  
}
```

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(216, 152, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 152, 157) }
```

Border

The CSS property to change the border of an element to Yxy 39.4897, 0.3733, 0.3231 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(216, 152, 157) }
```

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

```
.border{ border-color:rgb(216, 152, 157) }
```

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

Here you see how a box with a 4 pixel `rgb(216, 152, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 152, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 152, 157);  
box-shadow:4px 4px 4px 4px rgb(216, 152,  
157) }
```


Background

The CSS property to change the background color of an element to Yxy 39.4897, 0.3733, 0.3231 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 152, 157) }
```

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

```
.background{ background-color: rgb(216,  
152, 157) }
```

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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