

Converting Colors

$Yxy(39.5249, 0.3904, 0.3347)$

Have a look what the booklet for
Yxy(39.5249, 0.3904, 0.3347)
contains.

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Color

Yxy(39.5807, 0.3903, 0.3353)

Conversions

Conversions Part 1

Format	Color
Hex	DD9792
RGB	221, 151, 146
RGB Percent	87%, 59%, 57%
CMY	0.1333, 0.4078, 0.4276
CMYK	0.00, 0.32, 0.34, 0.13
HSL	4°, 52%, 72%
HSV	4°, 34%, 87%
XYZ	46.0732, 39.5807, 32.3917
YIQ	171.3600, 43.3250, 13.2850

Conversions

Conversions Part 2

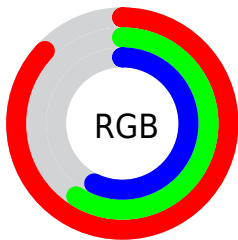
Format	Color
R _Y B	221, 151, 146
Decimal	14522258
CIE Lab	69.17, 25.66, 13.33
CIE LCh	69, 28.917, 27.455
Yxy	39.5807, 0.3903, 0.3353
Android (android.graphics.Color)	4292712338 (0xFFDD9792)
YUV	171.3600, -12.5025, 43.5343
Hunter-Lab	62.9132, 20.6228, 13.5130

Details

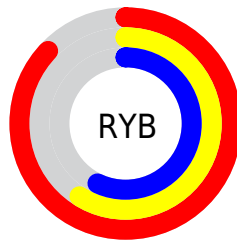
The Yxy color **39.5807, 0.3903, 0.3353** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **60.4245, 0.2639, 0.3225**, and the grayscale version is **40.9631, 0.3127, 0.3290**.

A 20% lighter version of the original color is **69.5727, 0.3554, 0.3353**, and **17.6607, 0.4139, 0.3341** is the 20% darker color. If you saturate the color by 10%, you get **32.8940, 0.4252, 0.3371**, and if you desaturate by 10%, it is **47.5645, 0.3615, 0.3334**.

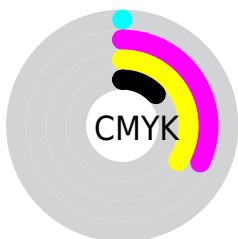
Distribution



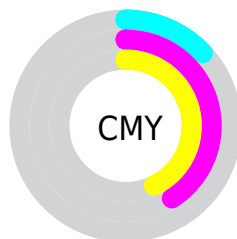
- Red (87%)
- Green (59%)
- Blue (57%)



- Red (87%)
- Yellow (59%)
- Blue (57%)



- Cyan (0%)
- Magenta (32%)
- Yellow (34%)
- Black (13%)





- Cyan (13%)
- Magenta (41%)
- Yellow (43%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 39.5807, 0.3903, 0.3353 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 39.5807, 0.3903, 0.3353 by changing the saturation by 10% instead.


 39.5807, 0.3903,
0.3353


 39.5807, 0.3903,
0.3353


344.3531, 0.3500,
0.3332

 27.2118, 0.4008,
0.3355


 74.5246, 0.3753,
0.3348

 17.7323, 0.4145,
0.3355


 97.8684, 0.3698,
0.3345

 10.7580, 0.4331,
0.3350


125.6392, 0.3652,
0.3342

 5.9043, 0.4597,
0.3336

158.2215, 0.3613,
0.3340

 2.7870, 0.5004,
0.3293

195.9996, 0.3579,
0.3338

 1.0216, 0.6057,
0.3371

239.3580, 0.3549,

 0.0000, 1.0000,

0.3335

0.0000


288.6810, 0.3523,
0.3333

 0.0000, 0.0000,
0.0000


 39.5807, 0.3903,
0.3353


 39.5807, 0.3903,
0.3353


 32.8940, 0.4252,
0.3371


 47.5645, 0.3615,
0.3334


 27.4307, 0.4661,
0.3386


 56.9027, 0.3381,
0.3315


 23.1182, 0.5115,
0.3394

 67.6564, 0.3191,
0.3297

 19.8740, 0.5575,
0.3391

 79.8809, 0.3039,
0.3280

 17.6049, 0.5977,
0.3374

 93.5337, 0.2923,
0.3280

■ 16.2012, 0.6257,
0.3346

■ 94.1133, 0.2923,
0.3289

■ 15.7104, 0.6360,
0.3332

Harmonies

Analogous

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



39.5807, 0.3603, 0.3021



39.5807, 0.3903, 0.3353



39.5807, 0.3975, 0.3693

Triad

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



39.5807, 0.3903, 0.3353



39.5807, 0.3031, 0.3919



39.5807, 0.2471, 0.2627

Complementary

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



39.5807, 0.3903, 0.3353



60.4245, 0.2639, 0.3225

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.



39.5807, 0.2344, 0.2808



39.5807, 0.3903, 0.3353



39.5807, 0.2651, 0.3567

Square

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



39.5807, 0.3903, 0.3353



39.5807, 0.3454, 0.4061



39.5807, 0.2407, 0.3147



39.5807, 0.2767, 0.2616

Rectangle

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



39.5807, 0.3903, 0.3353



39.5807, 0.3885, 0.3885



39.5807, 0.2407, 0.3147



39.5807, 0.2408, 0.2668

Sweetspot

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



39.5826, 0.3903, 0.3353



84.2158, 0.3302, 0.3307



40.8790, 0.3211, 0.2501



17.5859, 0.3330, 0.3310



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.



39.5826, 0.3903, 0.3353



47.7498, 0.4154, 0.3367



53.6237, 0.3754, 0.3791



13.1911, 0.3290, 0.3306



9.1843, 0.6348, 0.3341



0.6454, 0.6197, 0.3461

Inverse Universe

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



60.4245, 0.2639, 0.3225



80.8693, 0.2551, 0.3209



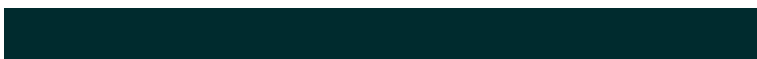
43.3627, 0.2575, 0.2729



14.6720, 0.2982, 0.3274



28.7878, 0.2189, 0.3080



1.9110, 0.2199, 0.3117

Previews

White Background



This preview shows how the Yxy color 39.5807, 0.3903, 0.3353 looks on a white background.

Color Contrast Check

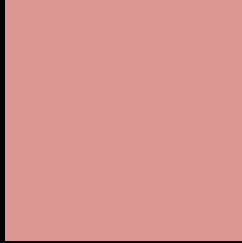
Large Text (above 18pt) WCAG AA × Fail

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 39.5807, 0.3903, 0.3353 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

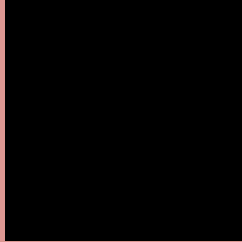
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 39.5807, 0.3903, 0.3353

Background



This preview shows how black text looks on a background with the Yxy color 39.5807, 0.3903, 0.3353.



This preview shows how white text looks on a background with the Yxy color 39.5807, 0.3903, 0.3353.

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

39.5807, 0.3903, 0.3353

Protanopia

39.9726, 0.3314, 0.3485

Deuteranopia

39.8101, 0.3616, 0.3543



Tritanopia

39.5626, 0.3772, 0.3160

Trichromacy



Original Color

39.5807, 0.3903, 0.3353

Protanomaly

39.3141, 0.3512, 0.3424

Deuteranomaly

39.6780, 0.3710, 0.3471

Tritanomaly

39.7088, 0.3821, 0.3232

Monochromacy



Original Color

39.5807, 0.3903, 0.3353

Achromatopsia

40.7240, 0.3127, 0.3290

Achromatomaly

39.9784, 0.3384, 0.3317

CSS Examples

Text

The CSS property to change the color of the text to Yxy 39.5807, 0.3903, 0.3353 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(221, 151, 146)` looks like.

```
.text, #text, p{  
  color:rgb(221, 151, 146)  
}
```

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(221, 151, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 151, 146) }
```

Border

The CSS property to change the border of an element to Yxy 39.5807, 0.3903, 0.3353 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(221, 151, 146) }
```

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

```
.border{ border-color:rgb(221, 151, 146) }
```

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

Here you see how a box with a 4 pixel `rgb(221, 151, 146)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 151, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 151, 146);  
box-shadow:4px 4px 4px 4px rgb(221, 151,  
146) }
```


Background

The CSS property to change the background color of an element to Yxy 39.5807, 0.3903, 0.3353 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 151, 146) }
```

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

```
.background{ background-color: rgb(221,  
151, 146) }
```

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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