

Converting Colors

$Yxy(38.8471, 0.3880, 0.3291)$

Have a look what the booklet for
Yxy(38.8471, 0.3880, 0.3291)
contains.

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Color

Yxy(39.0370, 0.3879, 0.3292)

Conversions

Conversions Part 1

Format	Color
Hex	DD9595
RGB	221, 149, 149
RGB Percent	87%, 58%, 58%
CMY	0.1332, 0.4157, 0.4157
CMYK	0.00, 0.33, 0.33, 0.13
HSL	360°, 51%, 73%
HSV	360°, 33%, 87%
XYZ	45.9977, 39.0370, 33.5467
YIQ	170.5280, 42.9120, 15.2640

Conversions

Conversions Part 2

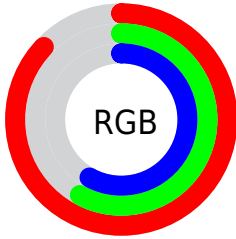
Format	Color
R _Y B	221, 149, 149
Decimal	14521749
CIE Lab	68.78, 27.13, 11.09
CIE LCh	69, 29.312, 22.227
Yxy	39.0370, 0.3879, 0.3292
Android (android.graphics.Color)	4292711829 (0xFFDD9595)
YUV	170.5280, -10.6133, 44.2639
Hunter-Lab	62.4796, 22.0731, 11.9016

Details

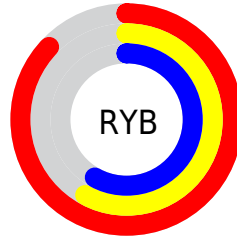
The Yxy color **39.0370, 0.3879, 0.3292** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **63.3376, 0.2664, 0.3289**, and the grayscale version is **40.5152, 0.3127, 0.3290**.

A 20% lighter version of the original color is **68.7575, 0.3535, 0.3301**, and **17.3237, 0.4122, 0.3277** is the 20% darker color. If you saturate the color by 10%, you get **32.0565, 0.4235, 0.3293**, and if you desaturate by 10%, it is **47.4823, 0.3588, 0.3291**.

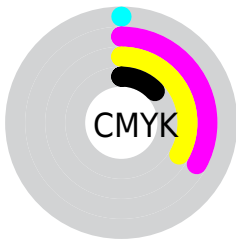
Distribution



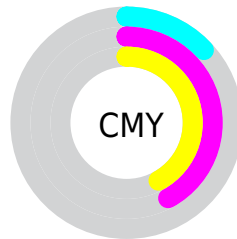
- Red (87%)
- Green (58%)
- Blue (58%)



- Red (87%)
- Yellow (58%)
- Blue (58%)



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





- Cyan (13%)
- Magenta (42%)
- Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 39.0370, 0.3879, 0.3292 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 39.0370, 0.3879, 0.3292 by changing the saturation by 10% instead.


 39.0370, 0.3879,
0.3292


 39.0370, 0.3879,
0.3292


342.0478, 0.3488,
0.3300

 26.7885, 0.3981,
0.3287


 73.6948, 0.3734,
0.3297

 17.4145, 0.4115,
0.3278


 96.8730, 0.3680,
0.3299

 10.5304, 0.4297,
0.3262


124.4631, 0.3635,
0.3300

 5.7520, 0.4558,
0.3232

156.8497, 0.3597,
0.3300

 2.6949, 0.4962,
0.3169

194.4170, 0.3564,
0.3300

 0.9746, 0.5923,
0.3160

237.5496, 0.3536,

 0.0000, 1.0000,

0.3300

0.0000

286.6317, 0.3510,
0.3300

0.0000, 0.0000,
0.0000

39.0370, 0.3879,
0.3292

39.0370, 0.3879,
0.3292

32.0565, 0.4235,
0.3293

47.4823, 0.3588,
0.3291

26.4522, 0.4657,
0.3294

57.4630, 0.3355,
0.3291

22.1348, 0.5129,
0.3296

69.0521, 0.3169,
0.3290

19.0022, 0.5605,
0.3297

82.3161, 0.3020,
0.3290

16.9368, 0.6016,
0.3298

94.1165, 0.2923,
0.3289

■ 15.7970, 0.6290,
0.3299

■ 15.3767, 0.6401,
0.3300

Harmonies

Analogous

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



39.0370, 0.3542, 0.2963



39.0370, 0.3879, 0.3292



39.0370, 0.3996, 0.3641

Triad

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



39.0370, 0.3879, 0.3292



39.0370, 0.3104, 0.3975



39.0370, 0.2424, 0.2635

Complementary

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



39.0370, 0.3879, 0.3292



63.3376, 0.2664, 0.3289

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.



39.0370, 0.2328, 0.2849



39.0370, 0.3879, 0.3292



39.0370, 0.2702, 0.3644

Square

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



39.0370, 0.3879, 0.3292



39.0370, 0.3530, 0.4074



39.0370, 0.2425, 0.3215



39.0370, 0.2697, 0.2594

Rectangle

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



39.0370, 0.3879, 0.3292



39.0370, 0.3933, 0.3848



39.0370, 0.2425, 0.3215



39.0370, 0.2371, 0.2687

Sweetspot

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



39.0389, 0.3879, 0.3292



83.2611, 0.3304, 0.3290



41.9029, 0.3154, 0.2481



17.3574, 0.3333, 0.3291



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.



39.0389, 0.3879, 0.3292



47.2720, 0.4111, 0.3293



51.7479, 0.3746, 0.3703



13.0516, 0.3292, 0.3290



8.9300, 0.6401, 0.3300



0.5785, 0.6400, 0.3299

Inverse Universe

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



39.0389, 0.3879, 0.3292



47.2720, 0.4111, 0.3293



46.8172, 0.2608, 0.2836



13.0516, 0.3292, 0.3290



8.9300, 0.6401, 0.3300



0.5785, 0.6400, 0.3299

Previews

White Background



This preview shows how the Yxy color 39.0370, 0.3879, 0.3292 looks on a white background.

Color Contrast Check

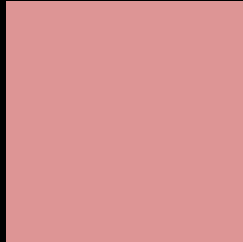
Large Text (above 18pt) WCAG AA × Fail

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 39.0370, 0.3879, 0.3292 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

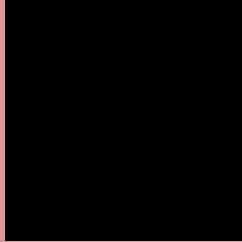
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 39.0370, 0.3879, 0.3292

Background



This preview shows how black text looks on a background with the Yxy color 39.0370, 0.3879, 0.3292.



This preview shows how white text looks on a background with the Yxy color 39.0370, 0.3879, 0.3292.

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

39.0370, 0.3879, 0.3292

Protanopia

39.3927, 0.3251, 0.3416

Deuteranopia

39.1537, 0.3560, 0.3492



Tritanopia

38.9002, 0.3789, 0.3148

Trichromacy



Original Color

39.0370, 0.3879, 0.3292

Protanomaly

38.8034, 0.3466, 0.3371

Deuteranomaly

38.9486, 0.3677, 0.3408

Tritanomaly

39.0760, 0.3828, 0.3208

Monochromacy



Original Color

39.0370, 0.3879, 0.3292

Achromatopsia

40.7240, 0.3127, 0.3290

Achromatomaly

39.6575, 0.3377, 0.3291

CSS Examples

Text

The CSS property to change the color of the text to Yxy 39.0370, 0.3879, 0.3292 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, 149, 149)` looks like.

```
.text, #text, p{  
    color:rgb(221, 149, 149)  
}
```

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, 149, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 149, 149) }
```

Border

The CSS property to change the border of an element to Yxy 39.0370, 0.3879, 0.3292 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, 149, 149) }
```

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

```
.border{ border-color:rgb(221, 149, 149) }
```

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

Here you see how a box with a 4 pixel `rgb(221, 149, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 149, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 149, 149);  
box-shadow:4px 4px 4px 4px rgb(221, 149,  
149) }
```


Background

The CSS property to change the background color of an element to $\text{Yxy } 39.0370, 0.3879, 0.3292$ is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 149, 149) }
```

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

```
.background{ background-color: rgb(221,  
149, 149) }
```

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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