

Converting Colors

$Yxy(39.2752, 0.3930, 0.3595)$

Have a look what the booklet for
Yxy(39.2752, 0.3930, 0.3595)
contains.

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Color

Yxy(39.2918, 0.3924, 0.3593)

Conversions

Conversions Part 1

Format	Color
Hex	D39C84
RGB	211, 156, 132
RGB Percent	83%, 61%, 52%
CMY	0.1727, 0.3882, 0.4823
CMYK	0.00, 0.26, 0.37, 0.17
HSL	18°, 47%, 67%
HSV	18°, 37%, 83%
XYZ	42.9115, 39.2918, 27.1532
YIQ	169.7090, 40.4840, 4.1960

Conversions

Conversions Part 2

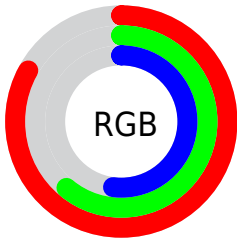
Format	Color
R _Y B	211, 166, 132
Decimal	13868164
CIE Lab	68.96, 17.36, 20.60
CIE LCh	69, 26.937, 49.881
Yxy	39.2918, 0.3924, 0.3593
Android (android.graphics.Color)	4292058244 (0xFFD39C84)
YUV	169.7090, -18.5905, 36.2122
Hunter-Lab	62.6832, 12.5016, 18.1949

Details

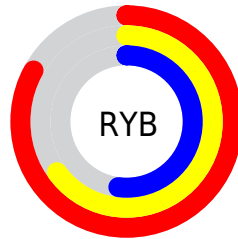
The Yxy color **39.2918, 0.3924, 0.3593** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **45.1306, 0.2561, 0.2961**, and the grayscale version is **40.1257, 0.3127, 0.3290**.

A 20% lighter version of the original color is **71.3513, 0.3656, 0.3560**, and **17.6809, 0.4176, 0.3675** is the 20% darker color. If you saturate the color by 10%, you get **34.1394, 0.4227, 0.3672**, and if you desaturate by 10%, it is **45.1604, 0.3661, 0.3509**.

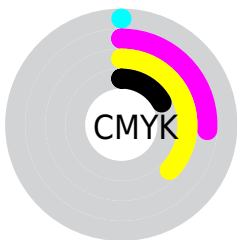
Distribution



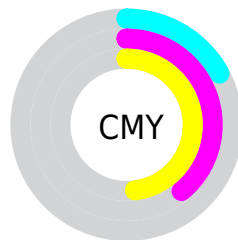
- Red (83%)
- Green (61%)
- Blue (52%)



- Red (83%)
- Yellow (65%)
- Blue (52%)



- Cyan (0%)
- Magenta (26%)
- Yellow (37%)
- Black (17%)





- Cyan (17%)
- Magenta (39%)
- Yellow (48%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 39.2918, 0.3924, 0.3593 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 39.2918, 0.3924, 0.3593 by changing the saturation by 10% instead.


 39.2918, 0.3924,
0.3593


 39.2918, 0.3924,
0.3593


343.1295, 0.3511,
0.3450

 26.9868, 0.4031,
0.3625


 74.0839, 0.3771,
0.3544

 17.5633, 0.4170,
0.3663


 97.3398, 0.3714,
0.3524

 10.6369, 0.4357,
0.3708

 125.0147, 0.3667,
0.3508

 5.8233, 0.4621,
0.3759

157.4931, 0.3626,
0.3493

 2.7379, 0.5018,
0.3807

195.1594, 0.3592,
0.3481

 0.9965, 0.5982,
0.4018

238.3980, 0.3561,

 0.0000, 1.0000,

0.3469

0.0000

287.5932, 0.3535,
0.3459

■ 0.0000, 0.0000,
0.0000

■ 39.2918, 0.3924,
0.3593

■ 39.2918, 0.3924,
0.3593

■ 34.1394, 0.4227,
0.3672

■ 45.1604, 0.3661,
0.3509

■ 29.6693, 0.4567,
0.3739

■ 51.7661, 0.3437,
0.3426

■ 25.8531, 0.4931,
0.3782

■ 59.1359, 0.3248,
0.3346

■ 22.6582, 0.5298,
0.3789

■ 67.2938, 0.3089,
0.3271

■ 20.0485, 0.5634,
0.3751

■ 76.2626, 0.2954,
0.3203

■ 17.9821, 0.5904,
0.3667

■ 85.8310, 0.2860,
0.3176

■ 17.5290, 0.5967,
0.3644

■ 92.5847, 0.2866,
0.3289

Harmonies

Analogous

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



39.2918, 0.3798, 0.3269



39.2918, 0.3924, 0.3593



39.2918, 0.3820, 0.3867

Triad

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



39.2918, 0.3924, 0.3593



39.2918, 0.2763, 0.3643



39.2918, 0.2707, 0.2645

Complementary

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



39.2918, 0.3924, 0.3593



45.1306, 0.2561, 0.2961

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.



39.2918, 0.2465, 0.2697



39.2918, 0.3924, 0.3593



39.2918, 0.2495, 0.3254

Square

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



39.2918, 0.3924, 0.3593



39.2918, 0.3140, 0.3930



39.2918, 0.2390, 0.2909



39.2918, 0.3074, 0.2745

Rectangle

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



39.2918, 0.3924, 0.3593



39.2918, 0.3641, 0.3980



39.2918, 0.2390, 0.2909



39.2918, 0.2610, 0.2645

Sweetspot

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



39.2937, 0.3924, 0.3593



86.4951, 0.3314, 0.3375



33.9483, 0.3407, 0.2622



18.1794, 0.3340, 0.3386



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.



39.2937, 0.3924, 0.3593



53.8771, 0.4165, 0.3658



54.6210, 0.3749, 0.4049



12.3861, 0.3283, 0.3361



10.7411, 0.5940, 0.3666



0.7402, 0.5574, 0.3956

Inverse Universe

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



45.1306, 0.2561, 0.2961



64.0589, 0.2449, 0.2877



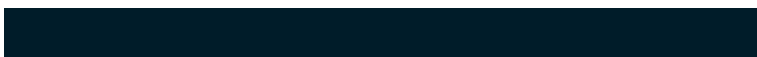
30.7240, 0.2479, 0.2393



12.7749, 0.2983, 0.3218



15.5892, 0.1965, 0.2274



1.0080, 0.2023, 0.2483

Previews

White Background



This preview shows how the Yxy color 39.2918, 0.3924, 0.3593 looks on a white background.

Color Contrast Check

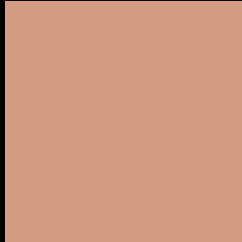
Large Text (above 18pt) WCAG AA × Fail

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 39.2918, 0.3924, 0.3593 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

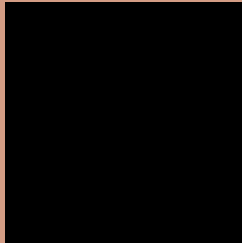
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 39.2918, 0.3924, 0.3593

Background



This preview shows how black text looks on a background with the Yxy color 39.2918, 0.3924, 0.3593.



This preview shows how white text looks on a background with the Yxy color 39.2918, 0.3924, 0.3593.

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

39.2918, 0.3924, 0.3593

Protanopia

39.4239, 0.3498, 0.3709

Deuteranopia

39.4851, 0.3775, 0.3698



Tritanopia

39.3970, 0.3651, 0.3156

Trichromacy



Original Color

39.2918, 0.3924, 0.3593

Protanomaly

39.4049, 0.3649, 0.3668

Deuteranomaly

39.4768, 0.3835, 0.3666

Tritanomaly

39.1956, 0.3751, 0.3304

Monochromacy



Original Color

39.2918, 0.3924, 0.3593

Achromatopsia

40.1978, 0.3127, 0.3290

Achromatomaly

39.6249, 0.3399, 0.3413

CSS Examples

Text

The CSS property to change the color of the text to Yxy 39.2918, 0.3924, 0.3593 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(211, 156, 132)` looks like.

```
.text, #text, p{  
    color:rgb(211, 156, 132)  
}
```

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(211, 156, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 156, 132) }
```

Border

The CSS property to change the border of an element to Yxy 39.2918, 0.3924, 0.3593 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(211, 156, 132) }
```

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

```
.border{ border-color:rgb(211, 156, 132) }
```

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

Here you see how a box with a 4 pixel `rgb(211, 156, 132)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 156, 132); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 156, 132);  
box-shadow:4px 4px 4px 4px rgb(211, 156,  
132) }
```


Background

The CSS property to change the background color of an element to Yxy 39.2918, 0.3924, 0.3593 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 156, 132) }
```

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

```
.background{ background-color: rgb(211,  
156, 132) }
```

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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