

Converting Colors

$Yxy(39.5127, 0.4095, 0.4103)$

Have a look what the booklet for
Yxy(39.5127, 0.4095, 0.4103)
contains.

Yxy(39.5127, 0.4095, 0.4103)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(39.5127, 0.4095, 0.4103)

Conversions

Conversions Part 1

Format	Color
Hex	C9A363
RGB	201, 163, 99
RGB Percent	79%, 64%, 39%
CMY	0.2118, 0.3608, 0.6117
CMYK	0.00, 0.19, 0.51, 0.21
HSL	38°, 49%, 59%
HSV	38°, 51%, 79%
XYZ	39.4357, 39.5127, 17.3536
YIQ	167.0660, 43.1920, -11.8480

Conversions

Conversions Part 2

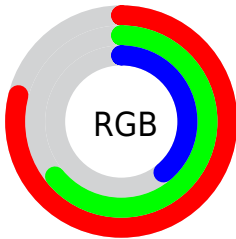
Format	Color
RYB	160, 201, 99
Decimal	13214563
CIELab	69.12, 6.02, 38.32
CIELCh	69, 38.795, 81.069
Yxy	39.5127, 0.4095, 0.4103
Android (android.graphics.Color)	4291404643 (0xFFC9A363)
YUV	167.0660, -33.5565, 29.7601
Hunter-Lab	62.8591, 1.9813, 27.6331

Details

The Yxy color **39.5127, 0.4095, 0.4103** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **24.7589, 0.2278, 0.2290**, and the grayscale version is **38.8292, 0.3127, 0.3290**.

A 20% lighter version of the original color is **73.6372, 0.3881, 0.3975**, and **17.8384, 0.4360, 0.4309** is the 20% darker color. If you saturate the color by 10%, you get **36.5963, 0.4319, 0.4237**, and if you desaturate by 10%, it is **42.6859, 0.3875, 0.3949**.

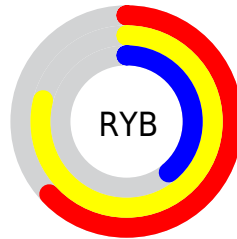
Distribution



Red (79%)

Green (64%)

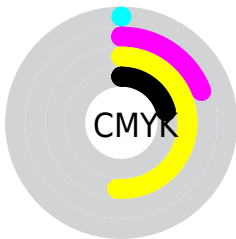
Blue (39%)



Red (63%)

Yellow (79%)

Blue (39%)

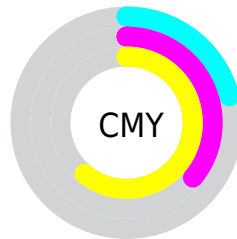


Cyan (0%)

Magenta (19%)

Yellow (51%)

Black (21%)



Cyan (21%)


Magenta (36%)


Yellow (61%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 39.5127, 0.4095, 0.4103 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 39.5127, 0.4095, 0.4103 by changing the saturation by 10% instead.


 39.5127, 0.4095,
0.4103


 39.5127, 0.4095,
0.4103


344.0654, 0.3608,
0.3706

 27.1588, 0.4212,
0.4194


 74.4209, 0.3920,
0.3964


 17.6925, 0.4359,
0.4303


 97.7440, 0.3853,
0.3910

 10.7295, 0.4542,
0.4433


 125.4923, 0.3797,
0.3864

 5.8852, 0.4772,
0.4581

 158.0502, 0.3748,
0.3824

 2.7754, 0.5166,
0.4834

195.8020, 0.3706,
0.3789

 1.0156, 0.5279,
0.4721

239.1322, 0.3669,

 0.0000, 1.0000,

0.3758

0.0000

288.4252, 0.3637,
0.3731

0.0000, 0.0000,
0.0000

39.5127, 0.4095,
0.4103

39.5127, 0.4095,
0.4103

36.5963, 0.4319,
0.4237

42.6859, 0.3875,
0.3949

33.9212, 0.4537,
0.4339

46.1194, 0.3667,
0.3785

31.4781, 0.4738,
0.4398

49.8236, 0.3473,
0.3619

29.2545, 0.4911,
0.4407

53.8065, 0.3297,
0.3456

27.3720, 0.5046,
0.4376

58.0755, 0.3138,
0.3301

■ 62.6379, 0.2997,
0.3155

■ 67.5006, 0.2871,
0.3020

■ 72.3570, 0.2786,
0.2944

■ 76.4438, 0.2792,
0.3026

Harmonies

Analogous

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



39.5127, 0.4272, 0.3706



39.5127, 0.4095, 0.4103



39.5127, 0.3660, 0.4326

Triad

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



39.5127, 0.4095, 0.4103



39.5127, 0.2227, 0.3199



39.5127, 0.3065, 0.2544

Complementary

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



39.5127, 0.4095, 0.4103



24.7589, 0.2278, 0.2290

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.



39.5127, 0.2548, 0.2397



39.5127, 0.4095, 0.4103



39.5127, 0.2101, 0.2716

Square

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



39.5127, 0.4095, 0.4103



39.5127, 0.2583, 0.3784



39.5127, 0.2212, 0.2446



39.5127, 0.3649, 0.2850

Rectangle

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



39.5127, 0.4095, 0.4103



39.5127, 0.3294, 0.4301



39.5127, 0.2212, 0.2446



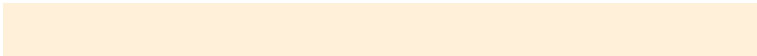
39.5127, 0.2877, 0.2475

Sweetspot

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



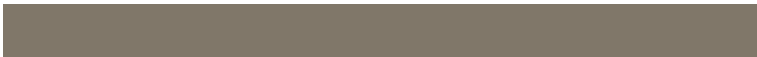
39.5146, 0.4095, 0.4103



89.0214, 0.3373, 0.3528



23.1794, 0.3987, 0.2788



18.7434, 0.3411, 0.3563



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.



39.5146, 0.4095, 0.4103



62.1310, 0.4343, 0.4250



53.5023, 0.3759, 0.4555



11.7273, 0.3274, 0.3435



17.3921, 0.5030, 0.4388



0.9590, 0.4812, 0.4561

Inverse Universe

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



24.7589, 0.2278, 0.2290



34.1429, 0.2095, 0.2022



16.5149, 0.2259, 0.1732



10.9239, 0.2983, 0.3141



5.9662, 0.1667, 0.1200



0.4210, 0.1786, 0.1629

Previews

White Background



This preview shows how the Yxy color 39.5127, 0.4095, 0.4103 looks on a white background.

Color Contrast Check

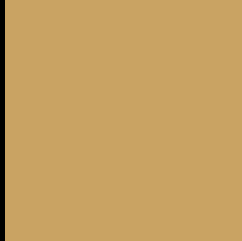
Large Text (above 18pt) WCAG AA × Fail

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 39.5127, 0.4095, 0.4103 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

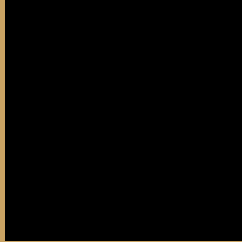
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 39.5127, 0.4095, 0.4103

Background



This preview shows how black text looks on a background with the Yxy color 39.5127, 0.4095, 0.4103.



This preview shows how white text looks on a background with the Yxy color 39.5127, 0.4095, 0.4103.

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

39.5127, 0.4095, 0.4103

Protanopia

39.6298, 0.3879, 0.4207

Deuteranopia

39.3697, 0.4149, 0.4066



Tritanopia

39.4981, 0.3533, 0.3141

Trichromacy



Original Color

39.5127, 0.4095, 0.4103

Protanomaly

39.6339, 0.3960, 0.4174

Deuteranomaly

39.5789, 0.4132, 0.4081

Tritanomaly

39.3858, 0.3754, 0.3497

Monochromacy



Original Color

39.5127, 0.4095, 0.4103

Achromatopsia

38.6429, 0.3127, 0.3290

Achromatomaly

38.8091, 0.3467, 0.3626

CSS Examples

Text

The CSS property to change the color of the text to Yxy 39.5127, 0.4095, 0.4103 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(201, 163, 99)` looks like.

```
.text, #text, p{  
    color:rgb(201, 163, 99)  
}
```

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(201, 163, 99) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 163, 99) }
```

Border

The CSS property to change the border of an element to Yxy 39.5127, 0.4095, 0.4103 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(201, 163, 99) }
```

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

```
.border{ border-color:rgb(201, 163, 99) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 163, 99)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 163, 99); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 163, 99);  
box-shadow:4px 4px 4px 4px rgb(201, 163,  
99) }
```


Background

The CSS property to change the background color of an element to Yxy 39.5127, 0.4095, 0.4103 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 163, 99) }
```

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

```
.background{ background-color: rgb(201,  
163, 99) }
```

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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