

Converting Colors

$Yxy(39.5308, 0.4094, 0.3864)$

Have a look what the booklet for
Yxy(39.5308, 0.4094, 0.3864)
contains.

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Color

Yxy(39.6678, 0.4094, 0.3876)

Conversions

Conversions Part 1

Format	Color
Hex	D29F70
RGB	210, 159, 112
RGB Percent	82%, 62%, 44%
CMY	0.1765, 0.3764, 0.5608
CMYK	0.00, 0.24, 0.47, 0.18
HSL	29°, 52%, 63%
HSV	29°, 47%, 82%
XYZ	41.8989, 39.6678, 20.7754
YIQ	168.8910, 45.4830, -3.8050

Conversions

Conversions Part 2

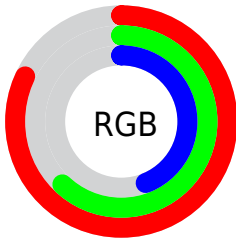
Format	Color
R _Y B	210, 202, 112
Decimal	13803376
CIE Lab	69.23, 13.15, 31.81
CIE LCh	69, 34.423, 67.539
Yxy	39.6678, 0.4094, 0.3876
Android (android.graphics.Color)	4291993456 (0xFFD29F70)
YUV	168.8910, -28.0473, 36.0526
Hunter-Lab	62.9824, 8.5275, 24.5302

Details

The Yxy color **39.6678, 0.4094, 0.3876** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **34.2825, 0.2386, 0.2605**, and the grayscale version is **39.7445, 0.3127, 0.3290**.

A 20% lighter version of the original color is **72.0335, 0.3804, 0.3806**, and **17.8563, 0.4371, 0.4024** is the 20% darker color. If you saturate the color by 10%, you get **35.6622, 0.4367, 0.3987**, and if you desaturate by 10%, it is **44.1184, 0.3841, 0.3751**.

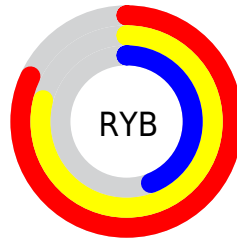
Distribution



Red (82%)

Green (62%)

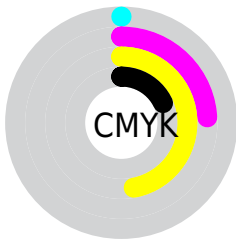
Blue (44%)



Red (82%)

Yellow (79%)

Blue (44%)

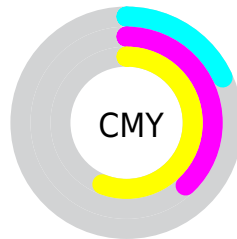


Cyan (0%)

Magenta (24%)

Yellow (47%)

Black (18%)



Cyan (18%)


Magenta (38%)

Yellow (56%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 39.6678, 0.4094, 0.3876 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 39.6678, 0.4094, 0.3876 by changing the saturation by 10% instead.


 39.6678, 0.4094,
0.3876

 39.6678, 0.4094,
0.3876

344.7214, 0.3600,
0.3596

 27.2796, 0.4218,
0.3939


 74.6574, 0.3913,
0.3779


 17.7833, 0.4375,
0.4013


 98.0276, 0.3846,
0.3741

 10.7946, 0.4580,
0.4101


 125.8273, 0.3789,
0.3708

 5.9289, 0.4853,
0.4198

 158.4408, 0.3740,
0.3680

 2.8019, 0.5412,
0.4438

196.2526, 0.3698,
0.3655

 1.0292, 0.5724,
0.4276

239.6470, 0.3661,

 0.0000, 1.0000,

0.3633

0.0000


289.0085, 0.3628,
0.3614

 0.0000, 0.0000,
0.0000

 39.6678, 0.4094,
0.3876

 39.6678, 0.4094,
0.3876


 35.6622, 0.4367,
0.3987


 44.1184, 0.3841,
0.3751


 32.0796, 0.4652,
0.4072


 49.0234, 0.3612,
0.3621


 28.9044, 0.4933,
0.4118

 54.3991, 0.3410,
0.3492

 26.1170, 0.5192,
0.4115

 60.2591, 0.3233,
0.3369

 23.6946, 0.5411,
0.4057

 66.6164, 0.3078,
0.3252

■ 22.9586, 0.5479,
0.4031

■ 73.4833, 0.2944,
0.3144

■ 80.6123, 0.2850,
0.3085

■ 87.0782, 0.2856,
0.3200

■ 92.4403, 0.2860,
0.3289

Harmonies

Analogous

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



39.6678, 0.4114, 0.3491



39.6678, 0.4094, 0.3876



39.6678, 0.3802, 0.4152

Triad

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



39.6678, 0.4094, 0.3876



39.6678, 0.2445, 0.3446



39.6678, 0.2851, 0.2539

Complementary

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



39.6678, 0.4094, 0.3876



34.2825, 0.2386, 0.2605

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.



39.6678, 0.2451, 0.2486



39.6678, 0.4094, 0.3876



39.6678, 0.2232, 0.2960

Square

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



39.6678, 0.4094, 0.3876



39.6678, 0.2845, 0.3927



39.6678, 0.2235, 0.2623



39.6678, 0.3361, 0.2757

Rectangle

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



39.6678, 0.4094, 0.3876



39.6678, 0.3506, 0.4213



39.6678, 0.2235, 0.2623



39.6678, 0.2700, 0.2502

Sweetspot

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



39.6697, 0.4094, 0.3876



86.6278, 0.3363, 0.3461



27.9770, 0.3700, 0.2648



18.1300, 0.3404, 0.3488



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.



39.6697, 0.4094, 0.3876



55.3648, 0.4366, 0.3986



59.3620, 0.3828, 0.4392



12.7307, 0.3279, 0.3402



14.2049, 0.5456, 0.4050



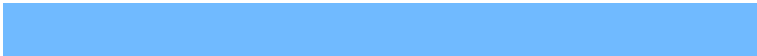
0.9527, 0.5164, 0.4281

Inverse Universe

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



34.2825, 0.2386, 0.2605



46.0020, 0.2236, 0.2425



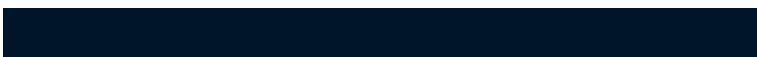
20.4181, 0.2255, 0.1882



12.4206, 0.2983, 0.3176



9.7449, 0.1794, 0.1657



0.7034, 0.1883, 0.1980

Previews

White Background



This preview shows how the Yxy color 39.6678, 0.4094, 0.3876 looks on a white background.

Color Contrast Check

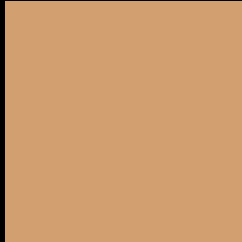
Large Text (above 18pt) WCAG AA × Fail

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 39.6678, 0.4094, 0.3876 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

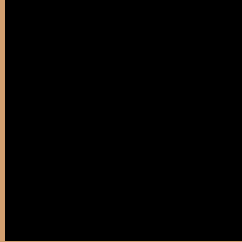
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 39.6678, 0.4094, 0.3876

Background



This preview shows how black text looks on a background with the Yxy color 39.6678, 0.4094, 0.3876.



This preview shows how white text looks on a background with the Yxy color 39.6678, 0.4094, 0.3876.

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

39.6678, 0.4094, 0.3876

Protanopia

39.7042, 0.3731, 0.4018

Deuteranopia

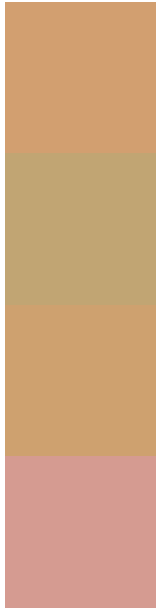
39.6849, 0.4015, 0.3942



Tritanopia

39.5839, 0.3651, 0.3145

Trichromacy



Original Color

39.6678, 0.4094, 0.3876

Protanomaly

39.4855, 0.3860, 0.3955

Deuteranomaly

39.7592, 0.4051, 0.3922

Tritanomaly

39.6332, 0.3816, 0.3416

Monochromacy



Original Color

39.6678, 0.4094, 0.3876

Achromatopsia

39.6755, 0.3127, 0.3290

Achromatomaly

39.2387, 0.3463, 0.3523

CSS Examples

Text

The CSS property to change the color of the text to Yxy 39.6678, 0.4094, 0.3876 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(210, 159, 112)` looks like.

```
.text, #text, p{  
    color:rgb(210, 159, 112)  
}
```

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(210, 159, 112) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 159, 112) }
```

Border

The CSS property to change the border of an element to Yxy 39.6678, 0.4094, 0.3876 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(210, 159, 112) }
```

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

```
.border{ border-color:rgb(210, 159, 112) }
```

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

Here you see how a box with a 4 pixel `rgb(210, 159, 112)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 159, 112); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 159, 112);  
box-shadow:4px 4px 4px 4px rgb(210, 159,  
112) }
```


Background

The CSS property to change the background color of an element to Yxy 39.6678, 0.4094, 0.3876 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 159, 112) }
```

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

```
.background{ background-color: rgb(210,  
159, 112) }
```

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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