

Converting Colors

$Yxy(39.6075, 0.4249, 0.3930)$

Have a look what the booklet for
Yxy(39.6075, 0.4249, 0.3930)
contains.

Yxy(39.7123, 0.4241, 0.3928)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(39.7123, 0.4241, 0.3928)

Conversions

Conversions Part 1

Format	Color
Hex	D89D68
RGB	216, 157, 104
RGB Percent	85%, 62%, 41%
CMY	0.1529, 0.3843, 0.5920
CMYK	0.00, 0.27, 0.52, 0.15
HSL	28°, 59%, 63%
HSV	28°, 52%, 85%
XYZ	42.8767, 39.7123, 18.5115
YIQ	168.5990, 52.1770, -3.9750

Conversions

Conversions Part 2

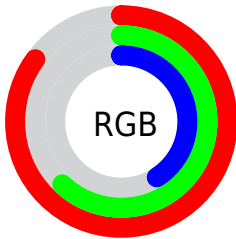
Format	Color
RYB	216, 205, 104
Decimal	14196072
CIELab	69.26, 15.95, 36.21
CIELCh	69, 39.569, 66.225
Yxy	39.7123, 0.4241, 0.3928
Android (android.graphics.Color)	4292386152 (0xFFD89D68)
YUV	168.5990, -31.8473, 41.5707
Hunter-Lab	63.0177, 11.1690, 26.6959

Details

The Yxy color **39.7123, 0.4241, 0.3928** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **34.1113, 0.2308, 0.2522**, and the grayscale version is **39.6111, 0.3127, 0.3290**.

A 20% lighter version of the original color is **70.7473, 0.3870, 0.3868**, and **17.8530, 0.4553, 0.4075** is the 20% darker color. If you saturate the color by 10%, you get **35.6559, 0.4525, 0.4025**, and if you desaturate by 10%, it is **44.2438, 0.3974, 0.3811**.

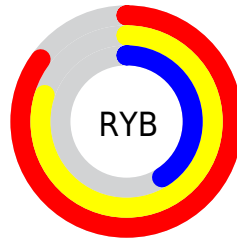
Distribution



Red (85%)

Green (62%)

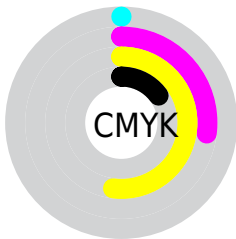
Blue (41%)



Red (85%)

Yellow (80%)

Blue (41%)

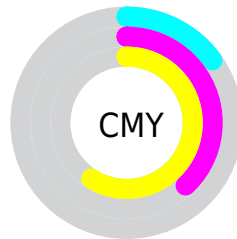


Cyan (0%)

Magenta (27%)

Yellow (52%)

Black (15%)



Cyan (15%)

Magenta (38%)

Yellow (59%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 39.7123, 0.4241, 0.3928 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 39.7123, 0.4241, 0.3928 by changing the saturation by 10% instead.


 39.7123, 0.4241,
0.3928


 39.7123, 0.4241,
0.3928


344.9095, 0.3674,
0.3631

 27.3143, 0.4381,
0.3991


 74.7252, 0.4035,
0.3827

 17.8094, 0.4557,
0.4063


 98.1089, 0.3958,
0.3787

 10.8132, 0.4783,
0.4143


 125.9233, 0.3892,
0.3752

 5.9414, 0.5075,
0.4218

 158.5528, 0.3836,
0.3722

 2.8095, 0.5618,
0.4382

196.3818, 0.3787,
0.3695

 1.0331, 0.5889,
0.4111

239.7946, 0.3745,

 0.0000, 1.0000,

0.3671

0.0000

289.1757, 0.3707,
0.3650

■ 0.0000, 0.0000,
0.0000

■ 39.7123, 0.4241,
0.3928

■ 39.7123, 0.4241,
0.3928

■ 35.6559, 0.4525,
0.4025

■ 44.2438, 0.3974,
0.3811

■ 32.0504, 0.4813,
0.4090

■ 49.2619, 0.3730,
0.3684

■ 28.8774, 0.5089,
0.4110

■ 54.7846, 0.3513,
0.3555

■ 26.1141, 0.5332,
0.4076

■ 60.8273, 0.3322,
0.3430

■ 24.1374, 0.5502,
0.4013

■ 67.4045, 0.3155,
0.3311

■ 74.5301, 0.3011,
0.3200

■ 82.2020, 0.2887,
0.3100

■ 88.9919, 0.2892,
0.3218

■ 93.3394, 0.2894,
0.3289

Harmonies

Analogous

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



39.7123, 0.4255, 0.3487



39.7123, 0.4241, 0.3928



39.7123, 0.3912, 0.4264

Triad

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



39.7123, 0.4241, 0.3928



39.7123, 0.2363, 0.3492



39.7123, 0.2785, 0.2435

Complementary

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



39.7123, 0.4241, 0.3928



34.1113, 0.2308, 0.2522

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.



39.7123, 0.2342, 0.2380



39.7123, 0.4241, 0.3928



39.7123, 0.2117, 0.2925

Square

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



39.7123, 0.4241, 0.3928



39.7123, 0.2822, 0.4052



39.7123, 0.2112, 0.2538



39.7123, 0.3366, 0.2672

Rectangle

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



39.7123, 0.4241, 0.3928



39.7123, 0.3576, 0.4355



39.7123, 0.2112, 0.2538



39.7123, 0.2617, 0.2395

Sweetspot

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



39.7142, 0.4241, 0.3928



84.6867, 0.3401, 0.3483



27.1789, 0.3795, 0.2582



17.7363, 0.3441, 0.3510



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.



39.7142, 0.4241, 0.3928



51.5077, 0.4547, 0.4032



62.8222, 0.3899, 0.4500



13.3800, 0.3279, 0.3401



14.4992, 0.5477, 0.4033



1.0396, 0.5198, 0.4254

Inverse Universe

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



34.1113, 0.2308, 0.2522



42.4840, 0.2155, 0.2327



18.5798, 0.2144, 0.1699



13.0810, 0.2982, 0.3177



10.2520, 0.1800, 0.1678



0.7836, 0.1883, 0.1978

Previews

White Background



This preview shows how the Yxy color 39.7123, 0.4241, 0.3928 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 39.7123, 0.4241, 0.3928 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

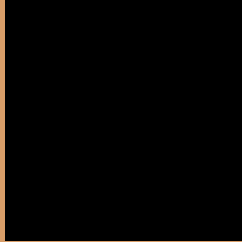
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 39.7123, 0.4241, 0.3928

Background



This preview shows how black text looks on a background with the Yxy color 39.7123, 0.4241, 0.3928.



This preview shows how white text looks on a background with the Yxy color 39.7123, 0.4241, 0.3928.

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

39.7123, 0.4241, 0.3928

Protanopia

39.6704, 0.3802, 0.4108

Deuteranopia

39.7991, 0.4107, 0.4031



Tritanopia

39.7581, 0.3748, 0.3160

Trichromacy



Original Color

39.7123, 0.4241, 0.3928

Protanomaly

39.7076, 0.3962, 0.4047

Deuteranomaly

39.6762, 0.4160, 0.3995

Tritanomaly

39.7360, 0.3937, 0.3450

Monochromacy



Original Color

39.7123, 0.4241, 0.3928

Achromatopsia

39.6755, 0.3127, 0.3290

Achromatomaly

39.3937, 0.3511, 0.3563

CSS Examples

Text

The CSS property to change the color of the text to Yxy 39.7123, 0.4241, 0.3928 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(216, 157, 104)` looks like.

```
.text, #text, p{  
    color:rgb(216, 157, 104)  
}
```

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(216, 157, 104) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 157, 104) }
```

Border

The CSS property to change the border of an element to Yxy 39.7123, 0.4241, 0.3928 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(216, 157, 104) }
```

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

```
.border{ border-color:rgb(216, 157, 104) }
```

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

Here you see how a box with a 4 pixel `rgb(216, 157, 104)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 157, 104); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 157, 104);  
box-shadow:4px 4px 4px 4px rgb(216, 157,  
104) }
```


Background

The CSS property to change the background color of an element to Yxy 39.7123, 0.4241, 0.3928 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 157, 104) }
```

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

```
.background{ background-color: rgb(216,  
157, 104) }
```

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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