

Converting Colors

$Y_{xy}(39.7918, 0.4052, 0.3730)$

Have a look what the booklet for
Yxy(39.7918, 0.4052, 0.3730)
contains.

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Color

Yxy(39.8152, 0.4049, 0.3723)

Conversions

Conversions Part 1

Format	Color
Hex	D69D7A
RGB	214, 157, 122
RGB Percent	84%, 62%, 48%
CMY	0.1608, 0.3843, 0.5214
CMYK	0.00, 0.27, 0.43, 0.16
HSL	23°, 53%, 66%
HSV	23°, 43%, 84%
XYZ	43.3016, 39.8152, 23.8271
YIQ	170.0530, 45.2070, 1.1990

Conversions

Conversions Part 2

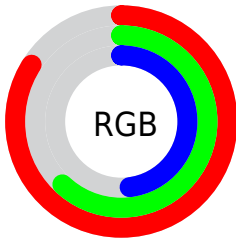
Format	Color
R _Y B	214, 178, 122
Decimal	14065018
CIE Lab	69.34, 16.90, 26.61
CIE LCh	69, 31.523, 57.586
Yxy	39.8152, 0.4049, 0.3723
Android (android.graphics.Color)	4292255098 (0xFFD69D7A)
YUV	170.0530, -23.6901, 38.5415
Hunter-Lab	63.0993, 12.0710, 21.7808

Details

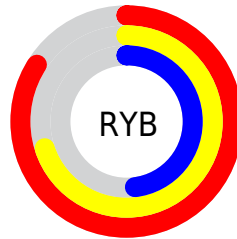
The Yxy color **39.8152, 0.4049, 0.3723** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **41.2449, 0.2466, 0.2802**, and the grayscale version is **40.3319, 0.3127, 0.3290**.

A 20% lighter version of the original color is **71.4421, 0.3729, 0.3673**, and **17.9572, 0.4318, 0.3827** is the 20% darker color. If you saturate the color by 10%, you get **35.0968, 0.4348, 0.3816**, and if you desaturate by 10%, it is **45.1414, 0.3781, 0.3621**.

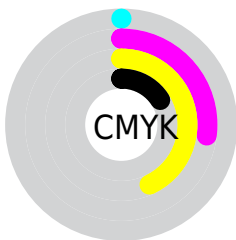
Distribution



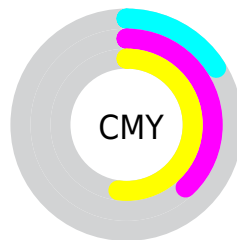
- Red (84%)
- Green (62%)
- Blue (48%)



- Red (84%)
- Yellow (70%)
- Blue (48%)



- Cyan (0%)
- Magenta (27%)
- Yellow (43%)
- Black (16%)





- Cyan (16%)
- Magenta (38%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 39.8152, 0.4049, 0.3723 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 39.8152, 0.4049, 0.3723 by changing the saturation by 10% instead.

 39.8152, 0.4049,
0.3723


 39.8152, 0.4049,
0.3723


345.3441, 0.3574,
0.3519


 27.3945, 0.4170,
0.3768


 74.8820, 0.3874,
0.3653

 17.8697, 0.4325,
0.3821


 98.2969, 0.3809,
0.3625

 10.8565, 0.4532,
0.3883


 126.1453, 0.3755,
0.3602

 5.9704, 0.4815,
0.3950

158.8117, 0.3708,
0.3581

 2.8271, 0.5277,
0.4049

196.6803, 0.3668,
0.3563

 1.0421, 0.5941,
0.4059

240.1357, 0.3633,

 0.0000, 1.0000,

0.3546

0.0000

289.5621, 0.3602,
0.3532

0.0000, 0.0000,
0.0000

39.8152, 0.4049,
0.3723

39.8152, 0.4049,
0.3723

35.0968, 0.4348,
0.3816

45.1414, 0.3781,
0.3621

30.9571, 0.4672,
0.3889

51.0914, 0.3548,
0.3516

27.3731, 0.5005,
0.3929


57.6878, 0.3346,
0.3414

24.3176, 0.5325,
0.3924

64.9503, 0.3173,
0.3317


21.7603, 0.5602,
0.3866

72.8974, 0.3026,
0.3227

 20.2360, 0.5768,
0.3802

 81.5473, 0.2900,
0.3144

 89.7852, 0.2881,
0.3236

 93.0350, 0.2883,
0.3289

Harmonies

Analogous

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



39.8152, 0.3973, 0.3356



39.8152, 0.4049, 0.3723



39.8152, 0.3860, 0.4017

Triad

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



39.8152, 0.4049, 0.3723



39.8152, 0.2608, 0.3589



39.8152, 0.2737, 0.2562

Complementary

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



39.8152, 0.4049, 0.3723



41.2449, 0.2466, 0.2802

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.



39.8152, 0.2418, 0.2572



39.8152, 0.4049, 0.3723



39.8152, 0.2346, 0.3129

Square

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



39.8152, 0.4049, 0.3723



39.8152, 0.3018, 0.3978



39.8152, 0.2281, 0.2764



39.8152, 0.3184, 0.2717

Rectangle

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



39.8152, 0.4049, 0.3723



39.8152, 0.3620, 0.4120



39.8152, 0.2281, 0.2764



39.8152, 0.2613, 0.2546

Sweetspot

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



39.8171, 0.4049, 0.3723



85.6316, 0.3349, 0.3416



31.5299, 0.3532, 0.2592



17.8432, 0.3391, 0.3438



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.



39.8171, 0.4049, 0.3723



52.4951, 0.4334, 0.3812



57.8164, 0.3819, 0.4222



13.1871, 0.3282, 0.3379



12.4183, 0.5742, 0.3823



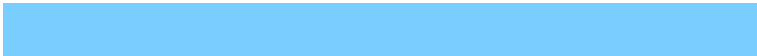
0.9063, 0.5418, 0.4080

Inverse Universe

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



41.2449, 0.2466, 0.2802



54.8465, 0.2330, 0.2670



26.1279, 0.2355, 0.2142



13.2776, 0.2982, 0.3199



13.2178, 0.1889, 0.2001



0.9547, 0.1958, 0.2249

Previews

White Background



This preview shows how the Yxy color 39.8152, 0.4049, 0.3723 looks on a white background.

Color Contrast Check

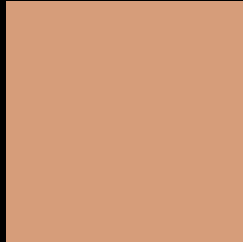
Large Text (above 18pt) WCAG AA × Fail

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 39.8152, 0.4049, 0.3723 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

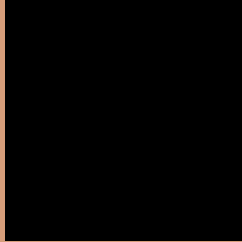
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 39.8152, 0.4049, 0.3723

Background



This preview shows how black text looks on a background with the Yxy color 39.8152, 0.4049, 0.3723.



This preview shows how white text looks on a background with the Yxy color 39.8152, 0.4049, 0.3723.

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

39.8152, 0.4049, 0.3723

Protanopia

39.8533, 0.3623, 0.3870

Deuteranopia

39.7777, 0.3911, 0.3820



Tritanopia

39.6830, 0.3694, 0.3146

Trichromacy



Original Color

39.8152, 0.4049, 0.3723

Protanomaly

39.8603, 0.3779, 0.3822

Deuteranomaly

39.6439, 0.3962, 0.3787

Tritanomaly

39.6723, 0.3833, 0.3353

Monochromacy



Original Color

39.8152, 0.4049, 0.3723

Achromatopsia

40.1978, 0.3127, 0.3290

Achromatomaly

39.6493, 0.3436, 0.3453

CSS Examples

Text

The CSS property to change the color of the text to Yxy 39.8152, 0.4049, 0.3723 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(214, 157, 122)` looks like.

```
.text, #text, p{  
    color:rgb(214, 157, 122)  
}
```

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(214, 157, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 157, 122) }
```

Border

The CSS property to change the border of an element to Yxy 39.8152, 0.4049, 0.3723 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(214, 157, 122) }
```

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

```
.border{ border-color:rgb(214, 157, 122) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 157, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(214, 157, 122); -webkit-box-shadow:4px 4px 4px 4px rgb(214, 157, 122); box-shadow:4px 4px 4px 4px rgb(214, 157, 122) }
```


Background

The CSS property to change the background color of an element to Yxy 39.8152, 0.4049, 0.3723 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 157, 122) }
```

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

```
.background{ background-color: rgb(214,  
157, 122) }
```

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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