

Converting Colors

$Yxy(38.7393, 0.4096, 0.3723)$

Have a look what the booklet for
Yxy(38.7393, 0.4096, 0.3723)
contains.

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Color

Yxy(38.7393, 0.4096, 0.3723)

Conversions

Conversions Part 1

Format	Color
Hex	D69A77
RGB	214, 154, 119
RGB Percent	84%, 60%, 47%
CMY	0.1607, 0.3961, 0.5332
CMYK	0.00, 0.28, 0.44, 0.16
HSL	22°, 54%, 65%
HSV	22°, 44%, 84%
XYZ	42.6205, 38.7393, 22.6942
YIQ	167.9500, 46.9950, 1.8350

Conversions

Conversions Part 2

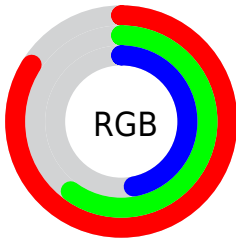
Format	Color
R _Y B	214, 174, 119
Decimal	14064247
CIE Lab	68.56, 18.21, 27.22
CIE LCh	69, 32.748, 56.209
Yxy	38.7393, 0.4096, 0.3723
Android (android.graphics.Color)	4292254327 (0xFFD69A77)
YUV	167.9500, -24.1323, 40.3859
Hunter-Lab	62.2409, 13.3093, 21.9504

Details

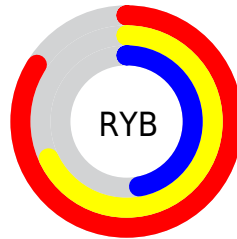
The Yxy color **38.7393, 0.4096, 0.3723** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **41.0377, 0.2448, 0.2800**, and the grayscale version is **39.2378, 0.3127, 0.3290**.

A 20% lighter version of the original color is **69.8395, 0.3761, 0.3674**, and **17.3108, 0.4388, 0.3825** is the 20% darker color. If you saturate the color by 10%, you get **34.0683, 0.4404, 0.3811**, and if you desaturate by 10%, it is **44.0327, 0.3821, 0.3625**.

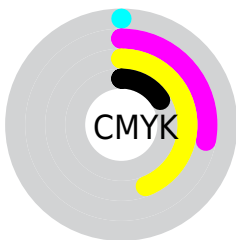
Distribution



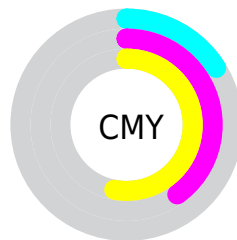
- Red (84%)
- Green (60%)
- Blue (47%)



- Red (84%)
- Yellow (68%)
- Blue (47%)



- Cyan (0%)
- Magenta (28%)
- Yellow (44%)
- Black (16%)




- Cyan (16%)
- Magenta (40%)
- Yellow (53%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 38.7393, 0.4096, 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 38.7393, 0.4096, 0.3723 by changing the saturation by 10% instead.


 38.7393, 0.4096,
0.3723


 38.7393, 0.4096,
0.3723


340.7808, 0.3595,
0.3520

 26.5570, 0.4224,
0.3767


 73.2399, 0.3911,
0.3654

 17.2408, 0.4389,
0.3818


 96.3269, 0.3843,
0.3626

 10.4063, 0.4608,
0.3876


 123.8177, 0.3785,
0.3603

 5.6692, 0.4910,
0.3936

156.0966, 0.3736,
0.3582

 2.6450, 0.5439,
0.4049

193.5479, 0.3693,
0.3564

 0.9493, 0.6048,
0.3952

236.5561, 0.3656,

 0.0000, 1.0000,

0.3548

0.0000

285.5056, 0.3624,
0.3533

0.0000, 0.0000,
0.0000

38.7393, 0.4096,
0.3723

38.7393, 0.4096,
0.3723

34.0683, 0.4404,
0.3811

44.0327, 0.3821,
0.3625

29.9896, 0.4735,
0.3877

49.9657, 0.3580,
0.3523

26.4788, 0.5074,
0.3909


56.5621, 0.3373,
0.3424

23.5069, 0.5395,
0.3894


63.8424, 0.3196,
0.3329

21.0419, 0.5669,
0.3828

71.8262, 0.3045,
0.3241

 19.8589, 0.5801,
0.3776

 80.5324, 0.2917,
0.3160

 89.0553, 0.2880,
0.3224

 93.0375, 0.2883,
0.3289

Harmonies

Analogous

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



38.7393, 0.4004, 0.3339



38.7393, 0.4096, 0.3723



38.7393, 0.3907, 0.4039

Triad

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



38.7393, 0.4096, 0.3723



38.7393, 0.2600, 0.3626



38.7393, 0.2700, 0.2527

Complementary

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



38.7393, 0.4096, 0.3723



41.0377, 0.2448, 0.2800

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.



38.7393, 0.2375, 0.2544



38.7393, 0.4096, 0.3723



38.7393, 0.2319, 0.3140

Square

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



38.7393, 0.4096, 0.3723



38.7393, 0.3033, 0.4028



38.7393, 0.2242, 0.2751



38.7393, 0.3163, 0.2681

Rectangle

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



38.7393, 0.4096, 0.3723



38.7393, 0.3660, 0.4156



38.7393, 0.2242, 0.2751



38.7393, 0.2572, 0.2513

Sweetspot

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



38.7412, 0.4096, 0.3723



85.4024, 0.3350, 0.3412



30.7614, 0.3550, 0.2570



17.7869, 0.3392, 0.3434



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.



38.7412, 0.4096, 0.3723



51.2142, 0.4376, 0.3804



57.5649, 0.3842, 0.4251



13.1621, 0.3282, 0.3376



12.1849, 0.5775, 0.3797



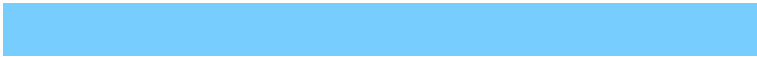
0.8906, 0.5447, 0.4057

Inverse Universe

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



41.0377, 0.2448, 0.2800



54.9820, 0.2321, 0.2677



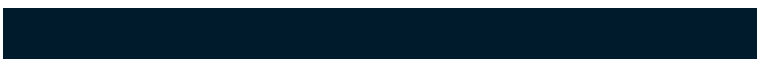
25.2005, 0.2327, 0.2097



13.3034, 0.2982, 0.3202



13.6494, 0.1901, 0.2044



0.9789, 0.1968, 0.2284

Previews

White Background



This preview shows how the Yxy color 38.7393, 0.4096, 0.3723 looks on a white background.

Color Contrast Check

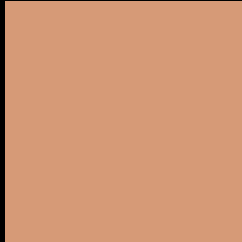
Large Text (above 18pt) WCAG AA × Fail

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 38.7393, 0.4096, 0.3723 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

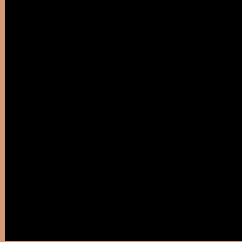
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 38.7393, 0.4096, 0.3723

Background



This preview shows how black text looks on a background with the Yxy color 38.7393, 0.4096, 0.3723.



This preview shows how white text looks on a background with the Yxy color 38.7393, 0.4096, 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

38.7393, 0.4096, 0.3723

Protanopia

38.8214, 0.3629, 0.3877

Deuteranopia

38.7290, 0.3930, 0.3838



Tritanopia

38.9384, 0.3731, 0.3158

Trichromacy



Original Color

38.7393, 0.4096, 0.3723

Protanomaly

38.4772, 0.3791, 0.3815

Deuteranomaly

38.7409, 0.3992, 0.3802

Tritanomaly

38.9293, 0.3873, 0.3366

Monochromacy



Original Color

38.7393, 0.4096, 0.3723

Achromatopsia

39.1572, 0.3127, 0.3290

Achromatomaly

38.7107, 0.3459, 0.3468

CSS Examples

Text

The CSS property to change the color of the text to Yxy 38.7393, 0.4096, 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, 154, 119)` looks like.

```
.text, #text, p{  
    color:rgb(214, 154, 119)  
}
```

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, 154, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 154, 119) }
```

Border

The CSS property to change the border of an element to Yxy 38.7393, 0.4096, 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, 154, 119) }
```

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

```
.border{ border-color:rgb(214, 154, 119) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 154, 119)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 154, 119); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 154, 119);  
box-shadow:4px 4px 4px 4px rgb(214, 154,  
119) }
```


Background

The CSS property to change the background color of an element to Yxy 38.7393, 0.4096, 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, 154, 119) }
```

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

```
.background{ background-color: rgb(214,  
154, 119) }
```

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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