

Converting Colors

$Yxy(39.1100, 0.3764, 0.3809)$

Have a look what the booklet for
Yxy(39.1100, 0.3764, 0.3809)
contains.

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Color

Yxy(39.2381, 0.3763, 0.3814)

Conversions

Conversions Part 1

Format	Color
Hex	C0A47D
RGB	192, 164, 125
RGB Percent	75%, 64%, 49%
CMY	0.2471, 0.3568, 0.5099
CMYK	0.00, 0.15, 0.35, 0.25
HSL	35°, 35%, 62%
HSV	35°, 35%, 75%
XYZ	38.7134, 39.2381, 24.9276
YIQ	167.9260, 29.2070, -6.1930

Conversions

Conversions Part 2

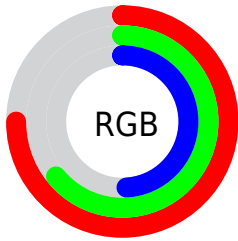
Format	Color
RYB	173, 192, 125
Decimal	12625021
CIELab	68.92, 4.58, 24.07
CIElCh	69, 24.502, 79.217
Yxy	39.2381, 0.3763, 0.3814
Android (android.graphics.Color)	4290815101 (0xFFC0A47D)
YUV	167.9260, -21.1625, 21.1129
Hunter-Lab	62.6403, 0.6973, 20.2539

Details

The Yxy color **39.2381, 0.3763, 0.3814** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **30.9353, 0.2562, 0.2700**, and the grayscale version is **39.2147, 0.3127, 0.3290**.

A 20% lighter version of the original color is **74.0171, 0.3639, 0.3719**, and **17.4285, 0.3947, 0.3950** is the 20% darker color. If you saturate the color by 10%, you get **36.0156, 0.3986, 0.3964**, and if you desaturate by 10%, it is **42.7401, 0.3557, 0.3659**.

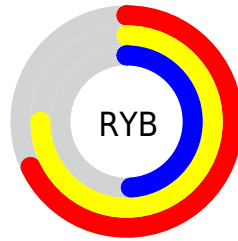
Distribution



Red (75%)

Green (64%)

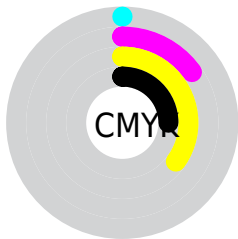
Blue (49%)



Red (68%)

Yellow (75%)

Blue (49%)

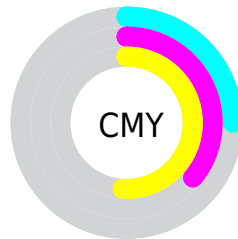


Cyan (0%)

Magenta (15%)

Yellow (35%)

Black (25%)



Cyan (25%)


Magenta (36%)


Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 39.2381, 0.3763, 0.3814 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 39.2381, 0.3763, 0.3814 by changing the saturation by 10% instead.


 39.2381, 0.3763,
0.3814

 39.2381, 0.3763,
0.3814


342.9017, 0.3437,
0.3551


 26.9450, 0.3846,
0.3879


 74.0019, 0.3643,
0.3719

 17.5319, 0.3953,
0.3961


 97.2414, 0.3598,
0.3683

 10.6145, 0.4095,
0.4068


 124.8985, 0.3561,
0.3652

 5.8082, 0.4291,
0.4209

157.3576, 0.3529,
0.3626

 2.7288, 0.4603,
0.4426

195.0031, 0.3501,
0.3604

 0.9919, 0.5186,
0.4814

238.2193, 0.3477,

 0.0000, 0.0000,

0.3584

0.0000

287.3907, 0.3456,
0.3566

■ 39.2381, 0.3763,
0.3814

■ 39.2381, 0.3763,
0.3814

■ 36.0156, 0.3986,
0.3964

■ 42.7401, 0.3557,
0.3659

■ 33.0582, 0.4222,
0.4102

■ 46.5243, 0.3370,
0.3506

■ 30.3585, 0.4461,
0.4215

■ 50.6004, 0.3202,
0.3359

■ 27.9060, 0.4694,
0.4292

■ 54.9758, 0.3054,
0.3220

■ 25.6893, 0.4906,
0.4323

■ 59.6578, 0.2922,
0.3091

■ 23.6950, 0.5086,
0.4301

■ 64.6530, 0.2807,
0.2972

■ 22.7535, 0.5171,
0.4276

■ 69.6831, 0.2729,
0.2907

■ 73.9969, 0.2737,
0.2997

■ 78.5153, 0.2745,
0.3086

Harmonies

Analogous

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



39.2381, 0.3852, 0.3564



39.2381, 0.3763, 0.3814



39.2381, 0.3502, 0.3939

Triad

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



39.2381, 0.3763, 0.3814



39.2381, 0.2553, 0.3268



39.2381, 0.3072, 0.2786

Complementary

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



39.2381, 0.3763, 0.3814



30.9353, 0.2562, 0.2700

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.



39.2381, 0.2738, 0.2699



39.2381, 0.3763, 0.3814



39.2381, 0.2453, 0.2951

Square

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



39.2381, 0.3763, 0.3814



39.2381, 0.2803, 0.3617



39.2381, 0.2518, 0.2752



39.2381, 0.3440, 0.2990

Rectangle

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



39.2381, 0.3763, 0.3814



39.2381, 0.3270, 0.3917



39.2381, 0.2518, 0.2752



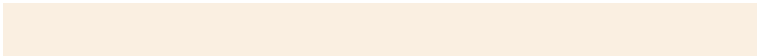
39.2381, 0.2952, 0.2743

Sweetspot

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



39.2399, 0.3763, 0.3814



87.7418, 0.3288, 0.3436



28.2014, 0.3588, 0.2899



18.6006, 0.3312, 0.3457



97.7402, 0.3127, 0.3290



20.4902, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



39.2399, 0.3763, 0.3814



66.5233, 0.3935, 0.3932



49.8091, 0.3606, 0.4161



11.0304, 0.3275, 0.3424



15.4681, 0.5155, 0.4289



0.8020, 0.4885, 0.4503

Inverse Universe

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



30.9353, 0.2562, 0.2700



49.2085, 0.2430, 0.2541



23.1695, 0.2543, 0.2269



10.4237, 0.2984, 0.3152



6.5859, 0.1704, 0.1334



0.4205, 0.1828, 0.1782

Previews

White Background



This preview shows how the Yxy color 39.2381, 0.3763, 0.3814 looks on a white background.

Color Contrast Check

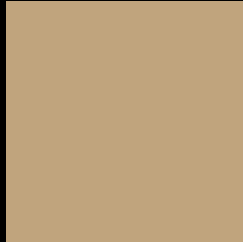
Large Text (above 18pt) WCAG AA × Fail

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 39.2381, 0.3763, 0.3814 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

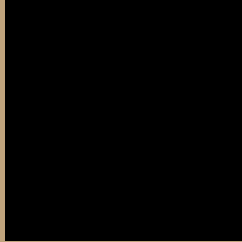
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 39.2381, 0.3763, 0.3814

Background



This preview shows how black text looks on a background with the Yxy color 39.2381, 0.3763, 0.3814.



This preview shows how white text looks on a background with the Yxy color 39.2381, 0.3763, 0.3814.

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

39.2381, 0.3763, 0.3814

Protanopia

39.2409, 0.3607, 0.3862

Deuteranopia

39.1382, 0.3838, 0.3749



Tritanopia

39.2263, 0.3398, 0.3136

Trichromacy



Original Color

39.2381, 0.3763, 0.3814

Protanomaly

39.3341, 0.3660, 0.3854

Deuteranomaly

39.0828, 0.3803, 0.3767

Tritanomaly

39.0768, 0.3528, 0.3370

Monochromacy



Original Color

39.2381, 0.3763, 0.3814

Achromatopsia

39.1572, 0.3127, 0.3290

Achromatomaly

39.2515, 0.3354, 0.3499

CSS Examples

Text

The CSS property to change the color of the text to Yxy 39.2381, 0.3763, 0.3814 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(192, 164, 125)` looks like.

```
.text, #text, p{  
    color:rgb(192, 164, 125)  
}
```

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(192, 164, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 164, 125) }
```

Border

The CSS property to change the border of an element to Yxy 39.2381, 0.3763, 0.3814 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(192, 164, 125) }
```

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

```
.border{ border-color:rgb(192, 164, 125) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 164, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 164, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 164, 125);  
box-shadow:4px 4px 4px 4px rgb(192, 164,  
125) }
```


Background

The CSS property to change the background color of an element to Yxy 39.2381, 0.3763, 0.3814 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 164, 125) }
```

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

```
.background{ background-color: rgb(192,  
164, 125) }
```

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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