

Converting Colors

Yxy(36.1702, 0.3845, 0.3814)

Have a look what the booklet for
Yxy(36.1702, 0.3845, 0.3814)
contains.

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Color

Yxy(36.0321, 0.3847, 0.3809)

Conversions

Conversions Part 1

Format	Color
Hex	BE9C76
RGB	190, 156, 118
RGB Percent	75%, 61%, 46%
CMY	0.2549, 0.3882, 0.5373
CMYK	0.00, 0.18, 0.38, 0.25
HSL	32°, 36%, 60%
HSV	32°, 38%, 75%
XYZ	36.3916, 36.0321, 22.1736
YIQ	161.8340, 32.4620, -4.6100

Conversions

Conversions Part 2

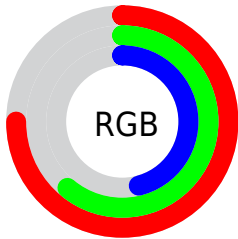
Format	Color
RYB	182, 190, 118
Decimal	12491894
CIELab	66.54, 7.28, 24.65
CIElCh	67, 25.702, 73.557
Yxy	36.0321, 0.3847, 0.3809
Android (android.graphics.Color)	4290681974 (0xFFBE9C76)
YUV	161.8340, -21.6102, 24.7016
Hunter-Lab	60.0267, 3.1699, 20.1173

Details

The Yxy color **36.0321, 0.3847, 0.3809** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **30.0164, 0.2521, 0.2703**, and the grayscale version is **36.1414, 0.3127, 0.3290**.

A 20% lighter version of the original color is **68.7696, 0.3709, 0.3715**, and **15.6837, 0.4069, 0.3960** is the 20% darker color. If you saturate the color by 10%, you get **32.7272, 0.4088, 0.3944**, and if you desaturate by 10%, it is **39.6536, 0.3626, 0.3668**.

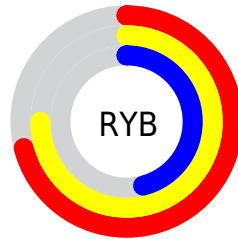
Distribution



Red (75%)

Green (61%)

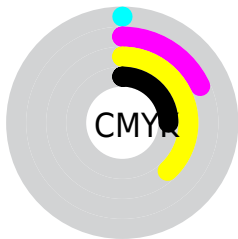
Blue (46%)



Red (71%)

Yellow (75%)

Blue (46%)

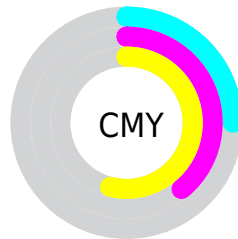


Cyan (0%)

Magenta (18%)

Yellow (38%)

Black (25%)



Cyan (25%)


Magenta (39%)


Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 36.0321, 0.3847, 0.3809 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 36.0321, 0.3847, 0.3809 by changing the saturation by 10% instead.

 36.0321, 0.3847,
0.3809

 36.0321, 0.3847,
0.3809


329.1008, 0.3472,
0.3548


 24.4590, 0.3944,
0.3873


 69.0816, 0.3708,
0.3715

 15.6744, 0.4070,
0.3954


 91.3268, 0.3656,
0.3679

 9.2941, 0.4240,
0.4057


 117.8981, 0.3613,
0.3649

 4.9335, 0.4475,
0.4190

149.1800, 0.3577,
0.3623

 2.2083, 0.4963,
0.4487

185.5568, 0.3545,
0.3600

 0.7245, 0.5446,
0.4554

227.4130, 0.3517,

 0.0000, 0.0000,

0.3581

0.0000

275.1328, 0.3493,
0.3563

■ 36.0321, 0.3847,
0.3809

■ 36.0321, 0.3847,
0.3809

■ 32.7272, 0.4088,
0.3944

■ 39.6536, 0.3626,
0.3668

■ 29.7235, 0.4344,
0.4063

■ 43.5962, 0.3427,
0.3528

■ 27.0117, 0.4606,
0.4156

■ 47.8708, 0.3251,
0.3392

■ 24.5798, 0.4860,
0.4209

■ 52.4861, 0.3096,
0.3264

■ 22.4145, 0.5091,
0.4212

■ 57.4505, 0.2960,
0.3144

■ 20.4980, 0.5287,
0.4164

■ 62.7719, 0.2842,
0.3034

■ 20.1216, 0.5328,
0.4152

■ 68.4581, 0.2738,
0.2932

■ 73.5134, 0.2725,
0.2992

■ 78.5687, 0.2734,
0.3091

Harmonies

Analogous

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



36.0321, 0.3902, 0.3523



36.0321, 0.3847, 0.3809



36.0321, 0.3593, 0.3979

Triad

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



36.0321, 0.3847, 0.3809



36.0321, 0.2549, 0.3337



36.0321, 0.2993, 0.2722

Complementary

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



36.0321, 0.3847, 0.3809



30.0164, 0.2521, 0.2703

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.



36.0321, 0.2652, 0.2654



36.0321, 0.3847, 0.3809



36.0321, 0.2410, 0.2979

Square

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



36.0321, 0.3847, 0.3809



36.0321, 0.2842, 0.3708



36.0321, 0.2446, 0.2739



36.0321, 0.3391, 0.2918

Rectangle

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



36.0321, 0.3847, 0.3809



36.0321, 0.3353, 0.3986



36.0321, 0.2446, 0.2739



36.0321, 0.2868, 0.2683

Sweetspot

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



36.0338, 0.3847, 0.3809



84.1481, 0.3307, 0.3436



26.1941, 0.3597, 0.2817



18.2428, 0.3331, 0.3454



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.



36.0338, 0.3847, 0.3809



60.5641, 0.4034, 0.3916



48.9229, 0.3678, 0.4222



10.3477, 0.3276, 0.3411



13.5395, 0.5309, 0.4167



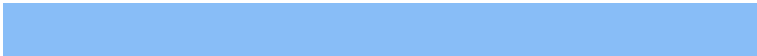
0.6604, 0.4973, 0.4434

Inverse Universe

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



30.0164, 0.2521, 0.2703



48.1885, 0.2393, 0.2556



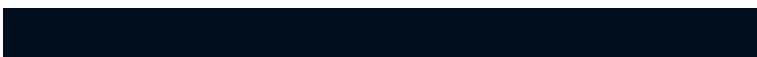
20.6080, 0.2452, 0.2159



9.9480, 0.2984, 0.3166



7.4528, 0.1752, 0.1506



0.4229, 0.1878, 0.1961

Previews

White Background



This preview shows how the Yxy color 36.0321, 0.3847, 0.3809 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 36.0321, 0.3847, 0.3809 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

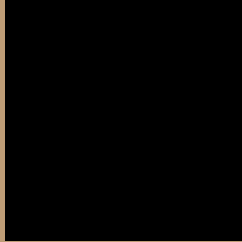
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 36.0321, 0.3847, 0.3809

Background



This preview shows how black text looks on a background with the Yxy color 36.0321, 0.3847, 0.3809.



This preview shows how white text looks on a background with the Yxy color 36.0321, 0.3847, 0.3809.

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

36.0321, 0.3847, 0.3809

Protanopia

36.2198, 0.3624, 0.3880

Deuteranopia

35.9572, 0.3873, 0.3792



Tritanopia

36.0234, 0.3473, 0.3133

Trichromacy



Original Color

36.0321, 0.3847, 0.3809

Protanomaly

36.2010, 0.3704, 0.3855

Deuteranomaly

35.8271, 0.3863, 0.3794

Tritanomaly

35.8693, 0.3611, 0.3372

Monochromacy



Original Color

36.0321, 0.3847, 0.3809

Achromatopsia

36.1307, 0.3127, 0.3290

Achromatomaly

35.9876, 0.3374, 0.3492

CSS Examples

Text

The CSS property to change the color of the text to Yxy 36.0321, 0.3847, 0.3809 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(190, 156, 118)` looks like.

```
.text, #text, p{  
    color:rgb(190, 156, 118)  
}
```

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(190, 156, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 156, 118) }
```

Border

The CSS property to change the border of an element to Yxy 36.0321, 0.3847, 0.3809 is called "border". The border property can be set on classes, ids or directly on the HTML element.

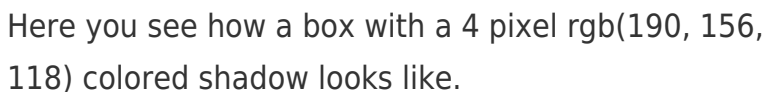
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(190, 156, 118) }
```

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

```
.border{ border-color:rgb(190, 156, 118) }
```

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



Here you see how a box with a 4 pixel `rgb(190, 156, 118)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(190, 156, 118); -webkit-box-shadow:4px 4px 4px 4px rgb(190, 156, 118); box-shadow:4px 4px 4px 4px rgb(190, 156, 118) }
```


Background

The CSS property to change the background color of an element to Yxy 36.0321, 0.3847, 0.3809 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 156, 118) }
```

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

```
.background{ background-color: rgb(190,  
156, 118) }
```

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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