

Converting Colors

Yxy(36.4857, 0.4129, 0.4015)

Have a look what the booklet for
Yxy(36.4857, 0.4129, 0.4015)
contains.

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Color

Yxy(36.4857, 0.4129, 0.4015)

Conversions

Conversions Part 1

Format	Color
Hex	C79B63
RGB	199, 155, 99
RGB Percent	78%, 61%, 39%
CMY	0.2197, 0.3921, 0.6118
CMYK	0.00, 0.22, 0.50, 0.22
HSL	34°, 47%, 58%
HSV	34°, 50%, 78%
XYZ	37.5217, 36.4857, 16.8661
YIQ	161.7720, 44.2000, -8.0880

Conversions

Conversions Part 2

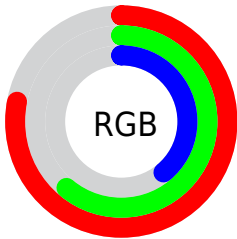
Format	Color
RYB	178, 199, 99
Decimal	13081443
CIELab	66.89, 9.51, 35.50
CIELCh	67, 36.753, 75.006
Yxy	36.4857, 0.4129, 0.4015
Android (android.graphics.Color)	4291271523 (0xFFC79B63)
YUV	161.7720, -30.9466, 32.6490
Hunter-Lab	60.4034, 5.1755, 25.7271

Details

The Yxy color **36.4857, 0.4129, 0.4015** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **26.4045, 0.2308, 0.2412**, and the grayscale version is **36.1509, 0.3127, 0.3290**.

A 20% lighter version of the original color is **69.0953, 0.3919, 0.3889**, and **15.9793, 0.4420, 0.4185** is the 20% darker color. If you saturate the color by 10%, you get **33.3450, 0.4376, 0.4136**, and if you desaturate by 10%, it is **39.9346, 0.3892, 0.3875**.

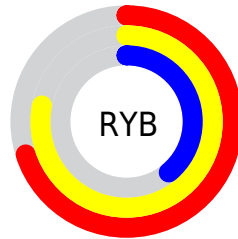
Distribution



Red (78%)

Green (61%)

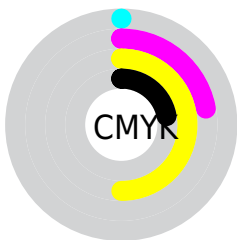
Blue (39%)



Red (70%)

Yellow (78%)

Blue (39%)

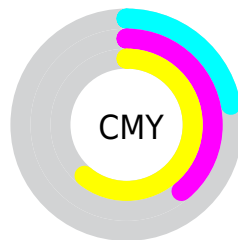


Cyan (0%)

Magenta (22%)

Yellow (50%)

Black (22%)



Cyan (22%)

Magenta (39%)

Yellow (61%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 36.4857, 0.4129, 0.4015 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 36.4857, 0.4129, 0.4015 by changing the saturation by 10% instead.


 36.4857, 0.4129,
0.4015


 36.4857, 0.4129,
0.4015


331.0785, 0.3614,
0.3661


 24.8095, 0.4257,
0.4096


 69.7811, 0.3941,
0.3891

 15.9352, 0.4419,
0.4192


 92.1691, 0.3871,
0.3843

 9.4783, 0.4626,
0.4306


 118.8965, 0.3811,
0.3801

 5.0545, 0.4899,
0.4435

 150.3477, 0.3760,
0.3766

 2.2793, 0.5359,
0.4641

186.9071, 0.3716,
0.3734

 0.7627, 0.5579,
0.4421

228.9591, 0.3678,

 0.0000, 0.0000,

0.3707

0.0000

276.8881, 0.3644,
0.3683

■ 36.4857, 0.4129,
0.4015

■ 36.4857, 0.4129,
0.4015

■ 33.3450, 0.4376,
0.4136

■ 39.9346, 0.3892,
0.3875

■ 30.4959, 0.4624,
0.4227

■ 43.6971, 0.3671,
0.3727

■ 27.9275, 0.4858,
0.4275

■ 47.7849, 0.3470,
0.3577

■ 25.6256, 0.5065,
0.4272

■ 52.2074, 0.3290,
0.3432

■ 23.6158, 0.5237,
0.4223

■ 56.9734, 0.3131,
0.3293

■ 62.0915, 0.2990,
0.3164

■ 67.5699, 0.2867,
0.3044

■ 73.2105, 0.2776,
0.2966

■ 78.0626, 0.2783,
0.3062

Harmonies

Analogous

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



36.4857, 0.4236, 0.3611



36.4857, 0.4129, 0.4015



36.4857, 0.3748, 0.4276

Triad

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



36.4857, 0.4129, 0.4015



36.4857, 0.2303, 0.3316



36.4857, 0.2955, 0.2518

Complementary

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



36.4857, 0.4129, 0.4015



26.4045, 0.2308, 0.2412

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.



36.4857, 0.2480, 0.2411



36.4857, 0.4129, 0.4015



36.4857, 0.2131, 0.2813

Square

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



36.4857, 0.4129, 0.4015



36.4857, 0.2691, 0.3876



36.4857, 0.2194, 0.2503



36.4857, 0.3524, 0.2790

Rectangle

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



36.4857, 0.4129, 0.4015



36.4857, 0.3403, 0.4297



36.4857, 0.2194, 0.2503



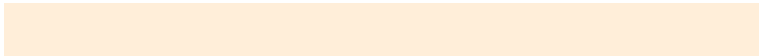
36.4857, 0.2780, 0.2463

Sweetspot

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



36.4875, 0.4129, 0.4015



87.5123, 0.3377, 0.3503



23.0737, 0.3878, 0.2708



18.3795, 0.3416, 0.3535



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.



36.4875, 0.4129, 0.4015



58.0710, 0.4392, 0.4143



53.2030, 0.3812, 0.4516



11.6062, 0.3276, 0.3419



15.3664, 0.5219, 0.4238



0.8701, 0.4949, 0.4452

Inverse Universe

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



26.4045, 0.2308, 0.2412



38.5209, 0.2142, 0.2184



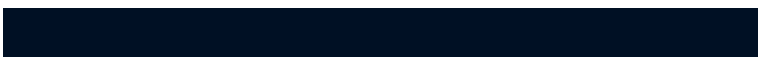
15.9865, 0.2214, 0.1729



11.0420, 0.2983, 0.3157



7.2544, 0.1722, 0.1399



0.4872, 0.1836, 0.1808

Previews

White Background



This preview shows how the Yxy color 36.4857, 0.4129, 0.4015 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 36.4857, 0.4129, 0.4015 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 36.4857, 0.4129, 0.4015

Background



This preview shows how black text looks on a background with the Yxy color 36.4857, 0.4129, 0.4015.



This preview shows how white text looks on a background with the Yxy color 36.4857, 0.4129, 0.4015.

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

36.4857, 0.4129, 0.4015

Protanopia

36.6187, 0.3833, 0.4146

Deuteranopia

36.6836, 0.4112, 0.4030



Tritanopia

36.5204, 0.3602, 0.3150

Trichromacy



Original Color

36.4857, 0.4129, 0.4015

Protanomaly

36.5203, 0.3943, 0.4094

Deuteranomaly

36.6836, 0.4112, 0.4030

Tritanomaly

36.4959, 0.3802, 0.3474

Monochromacy



Original Color

36.4857, 0.4129, 0.4015

Achromatopsia

36.1307, 0.3127, 0.3290

Achromatomaly

35.7743, 0.3473, 0.3577

CSS Examples

Text

The CSS property to change the color of the text to Yxy 36.4857, 0.4129, 0.4015 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(199, 155, 99)` looks like.

```
.text, #text, p{  
    color:rgb(199, 155, 99)  
}
```

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(199, 155, 99) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 155, 99) }
```

Border

The CSS property to change the border of an element to Yxy 36.4857, 0.4129, 0.4015 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(199, 155, 99) }
```

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

```
.border{ border-color:rgb(199, 155, 99) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 155, 99)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 155, 99); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 155, 99);  
box-shadow:4px 4px 4px 4px rgb(199, 155,  
99) }
```


Background

The CSS property to change the background color of an element to Yxy 36.4857, 0.4129, 0.4015 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 155, 99) }
```

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

```
.background{ background-color: rgb(199,  
155, 99) }
```

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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