

Converting Colors

Yxy(36.8454, 0.4159, 0.4008)

Have a look what the booklet for
Yxy(36.8454, 0.4159, 0.4008)
contains.

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Color

Yxy(36.9001, 0.4160, 0.4005)

Conversions

Conversions Part 1

Format	Color
Hex	CA9B63
RGB	202, 155, 99
RGB Percent	79%, 61%, 39%
CMY	0.2079, 0.3921, 0.6118
CMYK	0.00, 0.23, 0.51, 0.21
HSL	33°, 49%, 59%
HSV	33°, 51%, 79%
XYZ	38.3282, 36.9001, 16.9068
YIQ	162.6690, 45.9880, -7.4520

Conversions

Conversions Part 2

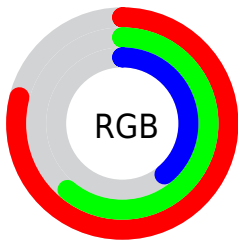
Format	Color
RYB	185, 202, 99
Decimal	13278051
CIELab	67.20, 10.77, 35.95
CIElCh	67, 37.533, 73.324
Yxy	36.9001, 0.4160, 0.4005
Android (android.graphics.Color)	4291468131 (0xFFCA9B63)
YUV	162.6690, -31.3888, 34.4933
Hunter-Lab	60.7455, 6.3225, 26.0201

Details

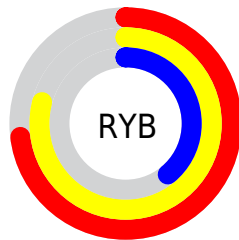
The Yxy color **36.9001, 0.4160, 0.4005** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **27.4678, 0.2301, 0.2423**, and the grayscale version is **36.5968, 0.3127, 0.3290**.

A 20% lighter version of the original color is **69.0953, 0.3919, 0.3889**, and **16.1594, 0.4448, 0.4173** is the 20% darker color. If you saturate the color by 10%, you get **33.6116, 0.4414, 0.4121**, and if you desaturate by 10%, it is **40.5228, 0.3917, 0.3870**.

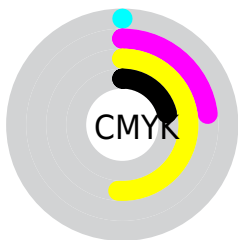
Distribution



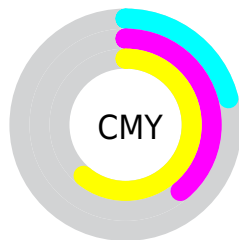
- Red (79%)
- Green (61%)
- Blue (39%)



- Red (73%)
- Yellow (79%)
- Blue (39%)



- Cyan (0%)
- Magenta (23%)
- Yellow (51%)
- Black (21%)





- Cyan (21%)
- Magenta (39%)
- Yellow (61%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 36.9001, 0.4160, 0.4005 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 36.9001, 0.4160, 0.4005 by changing the saturation by 10% instead.


 36.9001, 0.4160,
0.4005


 36.9001, 0.4160,
0.4005


332.8778, 0.3630,
0.3659

 25.1302, 0.4292,
0.4083


 70.4191, 0.3967,
0.3884


 16.1740, 0.4458,
0.4175


 92.9370, 0.3894,
0.3837

 9.6474, 0.4670,
0.4282


 119.8062, 0.3833,
0.3797

 5.1658, 0.4949,
0.4399

 151.4113, 0.3781,
0.3762

 2.3449, 0.5416,
0.4584

188.1366, 0.3735,
0.3731

 0.7973, 0.5646,
0.4354

230.3666, 0.3696,

 0.0000, 0.0000,

0.3704

0.0000

278.4855, 0.3661,
0.3680

■ 36.9001, 0.4160,
0.4005

■ 36.9001, 0.4160,
0.4005

■ 33.6116, 0.4414,
0.4121

■ 40.5228, 0.3917,
0.3870

■ 30.6395, 0.4669,
0.4205

■ 44.4860, 0.3691,
0.3726

■ 27.9717, 0.4910,
0.4246

■ 48.8023, 0.3486,
0.3580

■ 25.5927, 0.5122,
0.4234

■ 53.4820, 0.3304,
0.3438

■ 23.6744, 0.5287,
0.4184

■ 58.5350, 0.3142,
0.3303

■ 63.9704, 0.3000,
0.3176

■ 69.7973, 0.2875,
0.3059

■ 75.6588, 0.2797,
0.3008

■ 80.8855, 0.2804,
0.3108

Harmonies

Analogous

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



36.9001, 0.4252, 0.3589



36.9001, 0.4160, 0.4005



36.9001, 0.3784, 0.4284

Triad

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



36.9001, 0.4160, 0.4005



36.9001, 0.2306, 0.3348



36.9001, 0.2921, 0.2496

Complementary

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



36.9001, 0.4160, 0.4005



27.4678, 0.2301, 0.2423

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.



36.9001, 0.2448, 0.2397



36.9001, 0.4160, 0.4005



36.9001, 0.2119, 0.2828

Square

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



36.9001, 0.4160, 0.4005



36.9001, 0.2711, 0.3916



36.9001, 0.2170, 0.2502



36.9001, 0.3498, 0.2763

Rectangle

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



36.9001, 0.4160, 0.4005



36.9001, 0.3437, 0.4319



36.9001, 0.2170, 0.2502



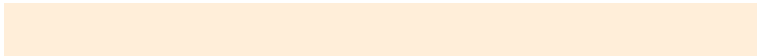
36.9001, 0.2745, 0.2442

Sweetspot

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



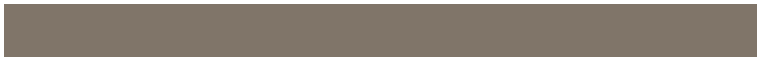
36.9019, 0.4160, 0.4005



87.1453, 0.3378, 0.3497



23.5874, 0.3871, 0.2679



18.2911, 0.3417, 0.3528



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.



36.9019, 0.4160, 0.4005



56.4693, 0.4436, 0.4129



55.2175, 0.3836, 0.4525



12.2077, 0.3277, 0.3416



15.4164, 0.5268, 0.4199



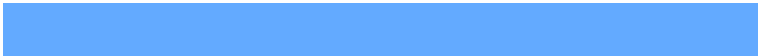
0.9459, 0.5003, 0.4410

Inverse Universe

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



27.4678, 0.2301, 0.2423



38.7995, 0.2134, 0.2197



16.0380, 0.2184, 0.1696



11.6729, 0.2983, 0.3161



7.8590, 0.1736, 0.1449



0.5565, 0.1840, 0.1824

Previews

White Background



This preview shows how the Yxy color 36.9001, 0.4160, 0.4005 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 36.9001, 0.4160, 0.4005 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

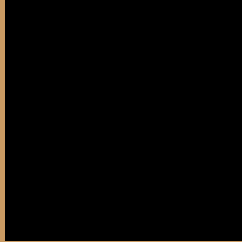
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 36.9001, 0.4160, 0.4005

Background



This preview shows how black text looks on a background with the Yxy color 36.9001, 0.4160, 0.4005.



This preview shows how white text looks on a background with the Yxy color 36.9001, 0.4160, 0.4005.

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

36.9001, 0.4160, 0.4005

Protanopia

37.0939, 0.3838, 0.4155

Deuteranopia

36.8199, 0.4122, 0.4027



Tritanopia

36.9484, 0.3633, 0.3152

Trichromacy



Original Color

36.9001, 0.4160, 0.4005

Protanomaly

36.9941, 0.3947, 0.4103

Deuteranomaly

36.9571, 0.4133, 0.4023

Tritanomaly

36.9185, 0.3834, 0.3472

Monochromacy



Original Color

36.9001, 0.4160, 0.4005

Achromatopsia

36.6253, 0.3127, 0.3290

Achromatomaly

36.3822, 0.3481, 0.3574

CSS Examples

Text

The CSS property to change the color of the text to Yxy 36.9001, 0.4160, 0.4005 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(202, 155, 99)` looks like.

```
.text, #text, p{  
    color:rgb(202, 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(202, 155, 99) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 155, 99) }
```

Border

The CSS property to change the border of an element to Yxy 36.9001, 0.4160, 0.4005 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(202, 155, 99) }
```

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

```
.border{ border-color:rgb(202, 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(202, 155, 99)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 155, 99); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 155, 99);  
box-shadow:4px 4px 4px 4px rgb(202, 155,  
99) }
```


Background

The CSS property to change the background color of an element to Yxy 36.9001, 0.4160, 0.4005 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 155, 99) }
```

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

```
.background{ background-color: rgb(202,  
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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