

Converting Colors

$Yxy(37.3753, 0.4238, 0.4092)$

Have a look what the booklet for
Yxy(37.3753, 0.4238, 0.4092)
contains.

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Color

Yxy(37.3870, 0.4236, 0.4090)

Conversions

Conversions Part 1

Format	Color
Hex	CC9C5C
RGB	204, 156, 92
RGB Percent	80%, 61%, 36%
CMY	0.2000, 0.3882, 0.6392
CMYK	0.00, 0.24, 0.55, 0.20
HSL	34°, 52%, 58%
HSV	34°, 55%, 80%
XYZ	38.7216, 37.3870, 15.3022
YIQ	163.0560, 49.1520, -9.7280

Conversions

Conversions Part 2

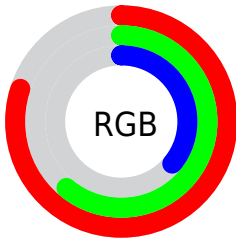
Format	Color
RYB	176, 204, 92
Decimal	13409372
CIELab	67.57, 10.46, 40.10
CIELCh	68, 41.439, 75.380
Yxy	37.3870, 0.4236, 0.4090
Android (android.graphics.Color)	4291599452 (0xFFCC9C5C)
YUV	163.0560, -35.0306, 35.9079
Hunter-Lab	61.1449, 6.0362, 27.9635

Details

The Yxy color **37.3870, 0.4236, 0.4090** is a dark color, and the websafe version is hex **CC9966**. The color can be described as middle muted orange. A complement of this color would be **25.3907, 0.2228, 0.2291**, and the grayscale version is **36.8061, 0.3127, 0.3290**.

A 20% lighter version of the original color is **69.3668, 0.3966, 0.3968**, and **16.4806, 0.4546, 0.4276** is the 20% darker color. If you saturate the color by 10%, you get **34.2495, 0.4481, 0.4201**, and if you desaturate by 10%, it is **40.8353, 0.3996, 0.3955**.

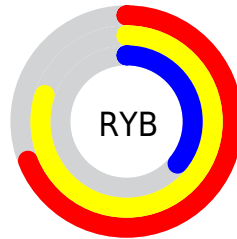
Distribution



Red (80%)

Green (61%)

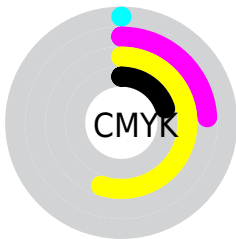
Blue (36%)



Red (69%)

Yellow (80%)

Blue (36%)

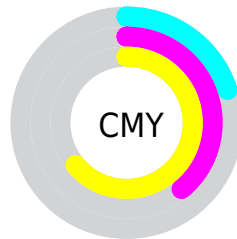


Cyan (0%)

Magenta (24%)

Yellow (55%)

Black (20%)



Cyan (20%)


Magenta (39%)


Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 37.3870, 0.4236, 0.4090 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 37.3870, 0.4236, 0.4090 by changing the saturation by 10% instead.


 37.3870, 0.4236,
0.4090


 37.3870, 0.4236,
0.4090


334.9830, 0.3673,
0.3706

 25.5073, 0.4373,
0.4174


 71.1676, 0.4033,
0.3958

 16.4554, 0.4543,
0.4271


 93.8372, 0.3956,
0.3906

 9.8470, 0.4755,
0.4381


 120.8723, 0.3890,
0.3861

 5.2976, 0.5046,
0.4512

 152.6572, 0.3834,
0.3822

 2.4229, 0.5396,
0.4604

189.5764, 0.3786,
0.3788

 0.8376, 0.5608,
0.4392

232.0141, 0.3743,

 0.0000, 0.0000,

0.3757

0.0000

280.3548, 0.3706,
0.3730

■ 37.3870, 0.4236,
0.4090

■ 37.3870, 0.4236,
0.4090

■ 34.2495, 0.4481,
0.4201

■ 40.8353, 0.3996,
0.3955

■ 31.4051, 0.4719,
0.4275

■ 44.6004, 0.3769,
0.3807

■ 28.8419, 0.4937,
0.4302

■ 48.6945, 0.3560,
0.3654

■ 26.5440, 0.5122,
0.4275

■ 53.1275, 0.3371,
0.3503

■ 25.4615, 0.5207,
0.4248

■ 57.9089, 0.3203,
0.3358

■ 63.0475, 0.3053,
0.3221

■ 68.5520, 0.2922,
0.3094

■ 74.4172, 0.2807,
0.2979

■ 79.2917, 0.2813,
0.3074

Harmonies

Analogous

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



37.3870, 0.4367, 0.3639



37.3870, 0.4236, 0.4090



37.3870, 0.3804, 0.4392

Triad

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



37.3870, 0.4236, 0.4090



37.3870, 0.2208, 0.3305



37.3870, 0.2939, 0.2442

Complementary

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



37.3870, 0.4236, 0.4090



25.3907, 0.2228, 0.2291

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.



37.3870, 0.2414, 0.2321



37.3870, 0.4236, 0.4090



37.3870, 0.2027, 0.2746

Square

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



37.3870, 0.4236, 0.4090



37.3870, 0.2631, 0.3944



37.3870, 0.2099, 0.2413



37.3870, 0.3576, 0.2741

Rectangle

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



37.3870, 0.4236, 0.4090



37.3870, 0.3418, 0.4422



37.3870, 0.2099, 0.2413



37.3870, 0.2745, 0.2380

Sweetspot

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



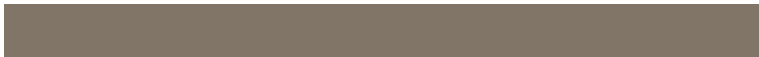
37.3888, 0.4236, 0.4090



86.9930, 0.3395, 0.3523



22.4018, 0.4013, 0.2683



18.2856, 0.3433, 0.3554



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.



37.3888, 0.4236, 0.4090



55.7604, 0.4528, 0.4219



55.7638, 0.3849, 0.4623



12.2601, 0.3276, 0.3422



16.2144, 0.5189, 0.4262



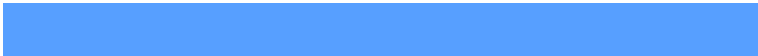
0.9853, 0.4943, 0.4457

Inverse Universe

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



25.3907, 0.2228, 0.2291



33.9665, 0.2047, 0.2026



14.6945, 0.2130, 0.1571



11.6213, 0.2983, 0.3154



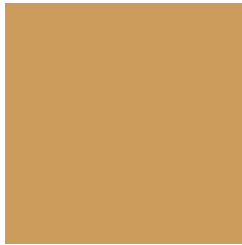
7.2540, 0.1712, 0.1362



0.5238, 0.1819, 0.1748

Previews

White Background



This preview shows how the Yxy color 37.3870, 0.4236, 0.4090 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 37.3870, 0.4236, 0.4090 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

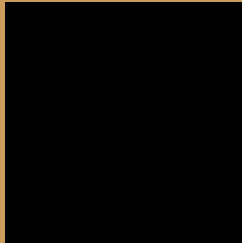
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 37.3870, 0.4236, 0.4090

Background



This preview shows how black text looks on a background with the Yxy color 37.3870, 0.4236, 0.4090.



This preview shows how white text looks on a background with the Yxy color 37.3870, 0.4236, 0.4090.

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

37.3870, 0.4236, 0.4090

Protanopia

37.5602, 0.3912, 0.4249

Deuteranopia

37.3042, 0.4198, 0.4113



Tritanopia

37.3847, 0.3663, 0.3154

Trichromacy



Original Color

37.3870, 0.4236, 0.4090

Protanomaly

37.4676, 0.4022, 0.4195

Deuteranomaly

37.4432, 0.4208, 0.4109

Tritanomaly

37.2924, 0.3886, 0.3496

Monochromacy



Original Color

37.3870, 0.4236, 0.4090

Achromatopsia

36.6253, 0.3127, 0.3290

Achromatomaly

36.4127, 0.3520, 0.3616

CSS Examples

Text

The CSS property to change the color of the text to Yxy 37.3870, 0.4236, 0.4090 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(204, 156, 92)` looks like.

```
.text, #text, p{  
    color:rgb(204, 156, 92)  
}
```

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(204, 156, 92) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 156, 92) }
```

Border

The CSS property to change the border of an element to Yxy 37.3870, 0.4236, 0.4090 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(204, 156, 92) }
```

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

```
.border{ border-color:rgb(204, 156, 92) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 156, 92)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 156, 92); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 156, 92);  
box-shadow:4px 4px 4px 4px rgb(204, 156,  
92) }
```


Background

The CSS property to change the background color of an element to Yxy 37.3870, 0.4236, 0.4090 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 156, 92) }
```

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

```
.background{ background-color: rgb(204,  
156, 92) }
```

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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