

Converting Colors

$Yxy(38.6017, 0.4125, 0.4010)$

Have a look what the booklet for
Yxy(38.6017, 0.4125, 0.4010)
contains.

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Color

Yxy(38.5930, 0.4126, 0.4011)

Conversions

Conversions Part 1

Format	Color
Hex	CC9F66
RGB	204, 159, 102
RGB Percent	80%, 62%, 40%
CMY	0.2000, 0.3765, 0.6000
CMYK	0.00, 0.22, 0.50, 0.20
HSL	34°, 50%, 60%
HSV	34°, 50%, 80%
XYZ	39.6995, 38.5930, 17.9254
YIQ	165.9570, 45.1170, -8.1870

Conversions

Conversions Part 2

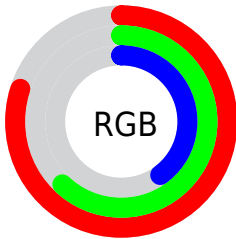
Format	Color
RYB	183, 204, 102
Decimal	13410150
CIELab	68.46, 9.72, 36.00
CIELCh	68, 37.288, 74.887
Yxy	38.5930, 0.4126, 0.4011
Android (android.graphics.Color)	4291600230 (0xFFCC9F66)
YUV	165.9570, -31.5308, 33.3637
Hunter-Lab	62.1233, 5.3537, 26.3784

Details

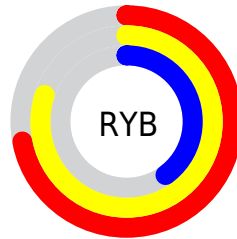
The Yxy color **38.5930, 0.4126, 0.4011** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **28.0516, 0.2311, 0.2418**, and the grayscale version is **38.2513, 0.3127, 0.3290**.

A 20% lighter version of the original color is **71.6862, 0.3876, 0.3907**, and **17.1852, 0.4404, 0.4196** is the 20% darker color. If you saturate the color by 10%, you get **35.2550, 0.4374, 0.4132**, and if you desaturate by 10%, it is **42.2597, 0.3888, 0.3871**.

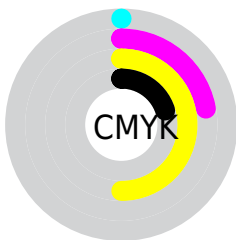
Distribution



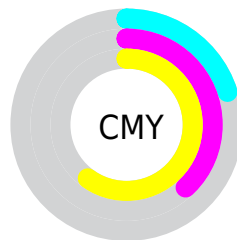
- Red (80%)
- Green (62%)
- Blue (40%)



- Red (72%)
- Yellow (80%)
- Blue (40%)



- Cyan (0%)
- Magenta (22%)
- Yellow (50%)
- Black (20%)





- Cyan (20%)
- Magenta (38%)
- Yellow (60%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 38.5930, 0.4126, 0.4011 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 38.5930, 0.4126, 0.4011 by changing the saturation by 10% instead.


 38.5930, 0.4126,
0.4011


 38.5930, 0.4126,
0.4011


340.1570, 0.3618,
0.3662

 26.4433, 0.4251,
0.4090


 73.0161, 0.3941,
0.3889


 17.1555, 0.4409,
0.4184


 96.0583, 0.3872,
0.3842

 10.3454, 0.4610,
0.4294


 123.5001, 0.3813,
0.3801

 5.6286, 0.4868,
0.4415

 155.7259, 0.3763,
0.3766

 2.6206, 0.5348,
0.4652

193.1201, 0.3719,
0.3735

 0.9370, 0.5533,
0.4467

236.0671, 0.3681,

 0.0000, 1.0000,

0.3708

0.0000

284.9513, 0.3647,
0.3684

■ 0.0000, 0.0000,
0.0000

■ 38.5930, 0.4126,
0.4011

■ 38.5930, 0.4126,
0.4011

■ 35.2550, 0.4374,
0.4132

■ 42.2597, 0.3888,
0.3871

■ 32.2279, 0.4623,
0.4223

■ 46.2609, 0.3667,
0.3723

■ 29.5003, 0.4859,
0.4272

■ 50.6089, 0.3466,
0.3573

■ 27.0568, 0.5067,
0.4269

■ 55.3139, 0.3287,
0.3428

■ 24.8744, 0.5244,
0.4218

■ 60.3852, 0.3127,
0.3290

■ 65.8321, 0.2987,
0.3161

■ 71.6631, 0.2864,
0.3041

■ 77.2122, 0.2811,
0.3034

■ 82.3807, 0.2817,
0.3131

Harmonies

Analogous

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



38.5930, 0.4232, 0.3608



38.5930, 0.4126, 0.4011



38.5930, 0.3747, 0.4271

Triad

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



38.5930, 0.4126, 0.4011



38.5930, 0.2307, 0.3319



38.5930, 0.2954, 0.2521

Complementary

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



38.5930, 0.4126, 0.4011



28.0516, 0.2311, 0.2418

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.



38.5930, 0.2481, 0.2415



38.5930, 0.4126, 0.4011



38.5930, 0.2135, 0.2817

Square

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



38.5930, 0.4126, 0.4011



38.5930, 0.2695, 0.3875



38.5930, 0.2197, 0.2507



38.5930, 0.3520, 0.2791

Rectangle

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



38.5930, 0.4126, 0.4011



38.5930, 0.3404, 0.4292



38.5930, 0.2197, 0.2507



38.5930, 0.2779, 0.2465

Sweetspot

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



38.5949, 0.4126, 0.4011



87.4789, 0.3377, 0.3503



24.4751, 0.3874, 0.2710



18.3714, 0.3416, 0.3534



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.



38.5949, 0.4126, 0.4011



57.9732, 0.4394, 0.4141



56.2776, 0.3810, 0.4512



12.2361, 0.3276, 0.3420



15.8434, 0.5225, 0.4233



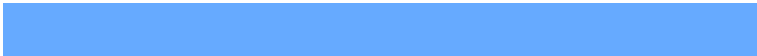
0.9671, 0.4970, 0.4435

Inverse Universe

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



28.0516, 0.2311, 0.2418



38.6065, 0.2142, 0.2188



16.9934, 0.2217, 0.1734



11.6449, 0.2983, 0.3157



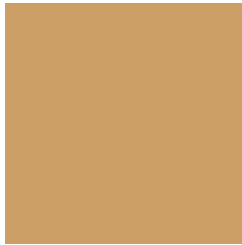
7.5253, 0.1723, 0.1401



0.5386, 0.1829, 0.1783

Previews

White Background



This preview shows how the Yxy color 38.5930, 0.4126, 0.4011 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 38.5930, 0.4126, 0.4011 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 38.5930, 0.4126, 0.4011

Background



This preview shows how black text looks on a background with the Yxy color 38.5930, 0.4126, 0.4011.



This preview shows how white text looks on a background with the Yxy color 38.5930, 0.4126, 0.4011.

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

38.5930, 0.4126, 0.4011

Protanopia

38.6024, 0.3826, 0.4142

Deuteranopia

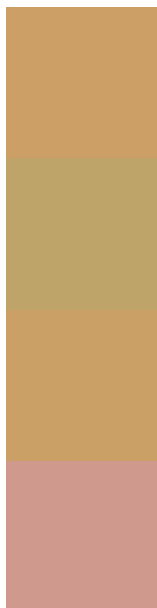
38.7974, 0.4109, 0.4026



Tritanopia

38.3329, 0.3603, 0.3141

Trichromacy



Original Color

38.5930, 0.4126, 0.4011

Protanomaly

38.4975, 0.3934, 0.4092

Deuteranomaly

38.7974, 0.4109, 0.4026

Tritanomaly

38.2997, 0.3800, 0.3458

Monochromacy



Original Color

38.5930, 0.4126, 0.4011

Achromatopsia

38.1326, 0.3127, 0.3290

Achromatomaly

37.8809, 0.3475, 0.3570

CSS Examples

Text

The CSS property to change the color of the text to Yxy 38.5930, 0.4126, 0.4011 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, 159, 102)` looks like.

```
.text, #text, p{  
    color:rgb(204, 159, 102)  
}
```

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, 159, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 159, 102) }
```

Border

The CSS property to change the border of an element to Yxy 38.5930, 0.4126, 0.4011 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, 159, 102) }
```

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

```
.border{ border-color:rgb(204, 159, 102) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 159, 102)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 159, 102); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 159, 102);  
box-shadow:4px 4px 4px 4px rgb(204, 159,  
102) }
```


Background

The CSS property to change the background color of an element to Yxy 38.5930, 0.4126, 0.4011 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 159, 102) }
```

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

```
.background{ background-color: rgb(204,  
159, 102) }
```

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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