

Converting Colors

Yxy(38.7322, 0.3996, 0.4022)

Have a look what the booklet for
Yxy(38.7322, 0.3996, 0.4022)
contains.

Yxy(38.7516, 0.3999, 0.4021)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(38.7516, 0.3999, 0.4021)

Conversions

Conversions Part 1

Format	Color
Hex	C5A26A
RGB	197, 162, 106
RGB Percent	77%, 64%, 42%
CMY	0.2276, 0.3646, 0.5843
CMYK	0.00, 0.18, 0.46, 0.23
HSL	37°, 44%, 59%
HSV	37°, 46%, 77%
XYZ	38.5396, 38.7516, 19.0819
YIQ	166.0810, 38.8360, -9.9960

Conversions

Conversions Part 2

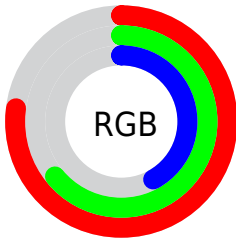
Format	Color
RYB	163, 197, 106
Decimal	12952170
CIELab	68.57, 5.55, 33.89
CIElCh	69, 34.341, 80.703
Yxy	38.7516, 0.3999, 0.4021
Android (android.graphics.Color)	4291142250 (0xFFC5A26A)
YUV	166.0810, -29.6199, 27.1160
Hunter-Lab	62.2508, 1.5708, 25.4013

Details

The Yxy color **38.7516, 0.3999, 0.4021** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **26.1225, 0.2361, 0.2415**, and the grayscale version is **38.3055, 0.3127, 0.3290**.

A 20% lighter version of the original color is **73.3543, 0.3836, 0.3896**, and **17.3270, 0.4242, 0.4223** is the 20% darker color. If you saturate the color by 10%, you get **35.8037, 0.4225, 0.4163**, and if you desaturate by 10%, it is **41.9576, 0.3781, 0.3864**.

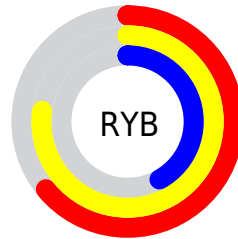
Distribution



Red (77%)

Green (64%)

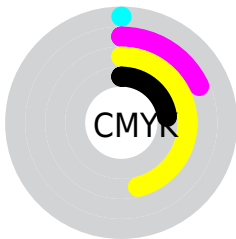
Blue (42%)



Red (64%)

Yellow (77%)

Blue (42%)

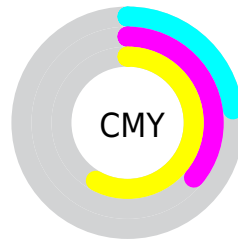


Cyan (0%)

Magenta (18%)

Yellow (46%)

Black (23%)



Cyan (23%)


Magenta (36%)


Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 38.7516, 0.3999, 0.4021 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 38.7516, 0.3999, 0.4021 by changing the saturation by 10% instead.


 38.7516, 0.3999,
0.4021


 38.7516, 0.3999,
0.4021


340.8332, 0.3556,
0.3660

 26.5665, 0.4108,
0.4106


 73.2587, 0.3838,
0.3893

 17.2480, 0.4246,
0.4211


 96.3495, 0.3777,
0.3843

 10.4114, 0.4423,
0.4339


 123.8444, 0.3726,
0.3801

 5.6726, 0.4652,
0.4494

 156.1277, 0.3682,
0.3765

 2.6470, 0.5147,
0.4853

193.5839, 0.3644,
0.3734

 0.9504, 0.5256,
0.4744

236.5972, 0.3611,

 0.0000, 0.0000,

0.3706

0.0000

285.5522, 0.3582,
0.3681

■ 38.7516, 0.3999,
0.4021

■ 38.7516, 0.3999,
0.4021

■ 35.8037, 0.4225,
0.4163

■ 41.9576, 0.3781,
0.3864

■ 33.0991, 0.4451,
0.4279

■ 45.4249, 0.3578,
0.3701

■ 30.6294, 0.4667,
0.4357

■ 49.1634, 0.3391,
0.3539

■ 28.3830, 0.4859,
0.4388

■ 53.1807, 0.3222,
0.3383

■ 26.3461, 0.5020,
0.4366

■ 57.4840, 0.3072,
0.3235

■ 25.6155, 0.5077,
0.4351

■ 62.0803, 0.2938,
0.3096

■ 66.9762, 0.2819,
0.2968

■ 71.6143, 0.2761,
0.2937

■ 75.7364, 0.2768,
0.3021

Harmonies

Analogous

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



38.7516, 0.4148, 0.3668



38.7516, 0.3999, 0.4021



38.7516, 0.3616, 0.4211

Triad

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



38.7516, 0.3999, 0.4021



38.7516, 0.2321, 0.3221



38.7516, 0.3068, 0.2614

Complementary

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



38.7516, 0.3999, 0.4021



26.1225, 0.2361, 0.2415

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.



38.7516, 0.2604, 0.2483



38.7516, 0.3999, 0.4021



38.7516, 0.2202, 0.2786

Square

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



38.7516, 0.3999, 0.4021



38.7516, 0.2648, 0.3733



38.7516, 0.2300, 0.2534



38.7516, 0.3588, 0.2891

Rectangle

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



38.7516, 0.3999, 0.4021



38.7516, 0.3289, 0.4185



38.7516, 0.2300, 0.2534



38.7516, 0.2900, 0.2552

Sweetspot

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



38.7534, 0.3999, 0.4021



89.4718, 0.3356, 0.3508



24.1359, 0.3852, 0.2811



18.8229, 0.3395, 0.3543



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.



38.7534, 0.3999, 0.4021



64.3275, 0.4217, 0.4159



51.6284, 0.3723, 0.4443



11.7063, 0.3274, 0.3432



17.0218, 0.5062, 0.4362



0.9431, 0.4835, 0.4543

Inverse Universe

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



26.1225, 0.2361, 0.2415



39.0815, 0.2198, 0.2191



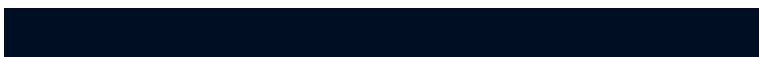
17.9869, 0.2339, 0.1886



10.9442, 0.2983, 0.3144



6.1713, 0.1676, 0.1233



0.4319, 0.1794, 0.1659

Previews

White Background



This preview shows how the Yxy color 38.7516, 0.3999, 0.4021 looks on a white background.

Color Contrast Check

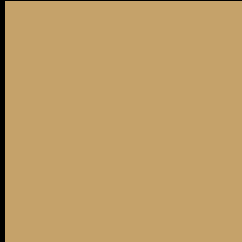
Large Text (above 18pt) WCAG AA × Fail

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 38.7516, 0.3999, 0.4021 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 38.7516, 0.3999, 0.4021

Background



This preview shows how black text looks on a background with the Yxy color 38.7516, 0.3999, 0.4021.



This preview shows how white text looks on a background with the Yxy color 38.7516, 0.3999, 0.4021.

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

38.7516, 0.3999, 0.4021

Protanopia

38.6652, 0.3800, 0.4103

Deuteranopia

38.7388, 0.4063, 0.3981



Tritanopia

38.8924, 0.3503, 0.3151

Trichromacy



Original Color

38.7516, 0.3999, 0.4021

Protanomaly

38.5366, 0.3871, 0.4075

Deuteranomaly

38.8097, 0.4036, 0.3999

Tritanomaly

38.8848, 0.3694, 0.3474

Monochromacy



Original Color

38.7516, 0.3999, 0.4021

Achromatopsia

38.1326, 0.3127, 0.3290

Achromatomaly

38.2710, 0.3431, 0.3586

CSS Examples

Text

The CSS property to change the color of the text to Yxy 38.7516, 0.3999, 0.4021 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(197, 162, 106)` looks like.

```
.text, #text, p{  
    color:rgb(197, 162, 106)  
}
```

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(197, 162, 106) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 162, 106) }
```

Border

The CSS property to change the border of an element to Yxy 38.7516, 0.3999, 0.4021 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(197, 162, 106) }
```

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

```
.border{ border-color:rgb(197, 162, 106) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 162, 106)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 162, 106); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 162, 106);  
box-shadow:4px 4px 4px 4px rgb(197, 162,  
106) }
```


Background

The CSS property to change the background color of an element to Yxy 38.7516, 0.3999, 0.4021 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 162, 106) }
```

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

```
.background{ background-color: rgb(197,  
162, 106) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor