

Converting Colors

$Yxy(38.8868, 0.4178, 0.4390)$

Have a look what the booklet for
Yxy(38.8868, 0.4178, 0.4390)
contains.

Yxy(38.9297, 0.4177, 0.4385)	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(38.9297, 0.4177, 0.4385)

Conversions

Conversions Part 1

Format	Color
Hex	C2A54E
RGB	194, 165, 78
RGB Percent	76%, 65%, 31%
CMY	0.2391, 0.3530, 0.6941
CMYK	0.00, 0.15, 0.60, 0.24
HSL	45°, 49%, 53%
HSV	45°, 60%, 76%
XYZ	37.0831, 38.9297, 12.7665
YIQ	163.7530, 45.2110, -20.9090

Conversions

Conversions Part 2

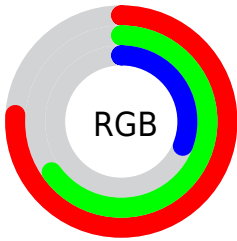
Format	Color
RYB	117, 194, 78
Decimal	12756302
CIELab	68.70, 0.27, 48.15
CIELCh	69, 48.147, 89.681
Yxy	38.9297, 0.4177, 0.4385
Android (android.graphics.Color)	4290946382 (0xFFC2A54E)
YUV	163.7530, -42.2762, 26.5266
Hunter-Lab	62.3937, -3.0991, 31.5442

Details

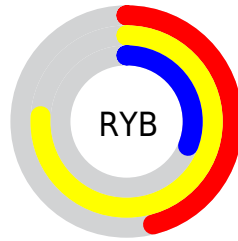
The Yxy color **38.9297, 0.4177, 0.4385** is a dark color, and the websafe version is hex **CC9933**. The color can be described as middle muted orange. A complement of this color would be **16.0365, 0.2076, 0.1835**, and the grayscale version is **37.1913, 0.3127, 0.3290**.

A 20% lighter version of the original color is **73.6808, 0.3997, 0.4199**, and **17.2032, 0.4429, 0.4644** is the 20% darker color. If you saturate the color by 10%, you get **36.9751, 0.4348, 0.4512**, and if you desaturate by 10%, it is **41.0366, 0.3994, 0.4226**.

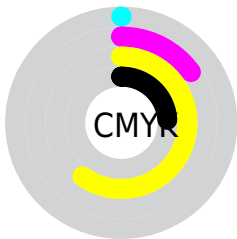
Distribution



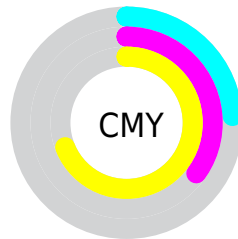
- Red (76%)
- Green (65%)
- Blue (31%)



- Red (46%)
- Yellow (76%)
- Blue (31%)



- Cyan (0%)
- Magenta (15%)
- Yellow (60%)
- Black (24%)





- Cyan (24%)
- Magenta (35%)
- Yellow (69%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 38.9297, 0.4177, 0.4385 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 38.9297, 0.4177, 0.4385 by changing the saturation by 10% instead.


 38.9297, 0.4177,
0.4385


 38.9297, 0.4177,
0.4385


341.5915, 0.3664,
0.3850


 26.7050, 0.4292,
0.4504


 73.5309, 0.3998,
0.4199

 17.3518, 0.4427,
0.4644


 96.6763, 0.3928,
0.4126


 10.4857, 0.4582,
0.4804


 124.2306, 0.3868,
0.4064

 5.7221, 0.4843,
0.5074

 156.5784, 0.3816,
0.4009

 2.6769, 0.4886,
0.5114

 194.1040, 0.3771,
0.3962

 0.9655, 0.4892,
0.5108

237.1918, 0.3731,

 0.0000, 0.0000,

0.3920

0.0000

286.2261, 0.3695,
0.3883

■ 38.9297, 0.4177,
0.4385

■ 38.9297, 0.4177,
0.4385

■ 36.9751, 0.4348,
0.4512

■ 41.0366, 0.3994,
0.4226

■ 35.1590, 0.4498,
0.4598

■ 43.2975, 0.3806,
0.4046

■ 33.4737, 0.4621,
0.4637

■ 45.7208, 0.3621,
0.3855

■ 31.9018, 0.4718,
0.4635

■ 48.3125, 0.3444,
0.3661

■ 31.8712, 0.4719,
0.4635

■ 51.0785, 0.3278,
0.3470

■ 54.0240, 0.3124,
0.3286

■ 57.1540, 0.2984,
0.3113

■ 60.4733, 0.2858,
0.2952

■ 63.9865, 0.2744,
0.2803

Harmonies

Analogous

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



38.9297, 0.4519, 0.3919



38.9297, 0.4177, 0.4385



38.9297, 0.3574, 0.4605

Triad

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



38.9297, 0.4177, 0.4385



38.9297, 0.1956, 0.2964



38.9297, 0.3250, 0.2474

Complementary

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



38.9297, 0.4177, 0.4385



16.0365, 0.2076, 0.1835

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.



38.9297, 0.2572, 0.2239



38.9297, 0.4177, 0.4385



38.9297, 0.1894, 0.2450

Square

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



38.9297, 0.4177, 0.4385



38.9297, 0.2299, 0.3697



38.9297, 0.2104, 0.2218



38.9297, 0.3968, 0.2879

Rectangle

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



38.9297, 0.4177, 0.4385



38.9297, 0.3113, 0.4501



38.9297, 0.2104, 0.2218



38.9297, 0.3008, 0.2374

Sweetspot

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



38.9316, 0.4177, 0.4385



88.2437, 0.3418, 0.3632



18.0238, 0.4457, 0.2896



19.0092, 0.3469, 0.3689



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.



38.9316, 0.4177, 0.4385



65.8440, 0.4401, 0.4546



47.3549, 0.3720, 0.4814



11.3177, 0.3271, 0.3462



21.0840, 0.4711, 0.4642



1.0149, 0.4572, 0.4752

Inverse Universe

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



16.0365, 0.2076, 0.1835



20.9125, 0.1858, 0.1467



12.3521, 0.2201, 0.1486



10.1483, 0.2983, 0.3112



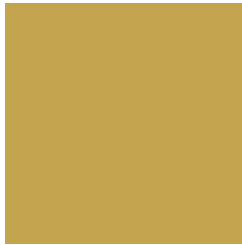
4.0915, 0.1585, 0.0905



0.2907, 0.1710, 0.1356

Previews

White Background



This preview shows how the Yxy color 38.9297, 0.4177, 0.4385 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 38.9297, 0.4177, 0.4385 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 38.9297, 0.4177, 0.4385

Background



This preview shows how black text looks on a background with the Yxy color 38.9297, 0.4177, 0.4385.



This preview shows how white text looks on a background with the Yxy color 38.9297, 0.4177, 0.4385.

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

38.9297, 0.4177, 0.4385

Protanopia

39.0089, 0.4066, 0.4447

Deuteranopia

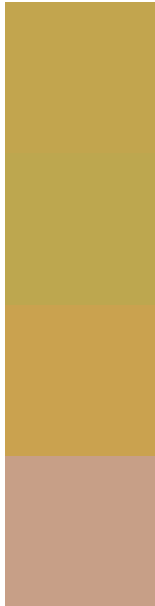
38.9715, 0.4340, 0.4259



Tritanopia

38.7893, 0.3483, 0.3138

Trichromacy



Original Color

38.9297, 0.4177, 0.4385

Protanomaly

39.0208, 0.4103, 0.4421

Deuteranomaly

38.9617, 0.4274, 0.4304

Tritanomaly

38.6877, 0.3759, 0.3606

Monochromacy



Original Color

38.9297, 0.4177, 0.4385

Achromatopsia

37.1238, 0.3127, 0.3290

Achromatomaly

37.3583, 0.3516, 0.3732

CSS Examples

Text

The CSS property to change the color of the text to Yxy 38.9297, 0.4177, 0.4385 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(194, 165, 78)` looks like.

```
.text, #text, p{  
    color:rgb(194, 165, 78)  
}
```

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(194, 165, 78) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 165, 78) }
```

Border

The CSS property to change the border of an element to Yxy 38.9297, 0.4177, 0.4385 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(194, 165, 78) }
```

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

```
.border{ border-color:rgb(194, 165, 78) }
```

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

Here you see how a box with a 4 pixel rgb(194, 165, 78) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 165, 78); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 165, 78);  
box-shadow:4px 4px 4px 4px rgb(194, 165,  
78) }
```


Background

The CSS property to change the background color of an element to Yxy 38.9297, 0.4177, 0.4385 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 165, 78) }
```

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

```
.background{ background-color: rgb(194,  
165, 78) }
```

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