

Converting Colors

$Y_{xy}(40.9520, 0.3998, 0.4227)$

Have a look what the booklet for
Yxy(40.9520, 0.3998, 0.4227)
contains.

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Color

Yxy(41.0819, 0.3996, 0.4233)

Conversions

Conversions Part 1

Format	Color
Hex	C2AA61
RGB	194, 170, 97
RGB Percent	76%, 67%, 38%
CMY	0.2392, 0.3333, 0.6197
CMYK	0.00, 0.12, 0.50, 0.24
HSL	45°, 44%, 57%
HSV	45°, 50%, 76%
XYZ	38.7818, 41.0819, 17.1878
YIQ	168.8540, 37.7370, -17.6150

Conversions

Conversions Part 2

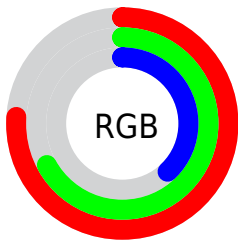
Format	Color
RYB	129, 194, 97
Decimal	12757601
CIELab	70.23, -0.84, 40.59
CIElCh	70, 40.597, 91.191
Yxy	41.0819, 0.3996, 0.4233
Android (android.graphics.Color)	4290947681 (0xFFC2AA61)
YUV	168.8540, -35.4240, 22.0530
Hunter-Lab	64.0952, -4.1623, 28.9674

Details

The Yxy color **41.0819, 0.3996, 0.4233** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **20.1060, 0.2254, 0.2108**, and the grayscale version is **39.7651, 0.3127, 0.3290**.

A 20% lighter version of the original color is **76.7158, 0.3843, 0.4067**, and **18.5735, 0.4213, 0.4473** is the 20% darker color. If you saturate the color by 10%, you get **38.9981, 0.4178, 0.4392**, and if you desaturate by 10%, it is **43.3238, 0.3809, 0.4053**.

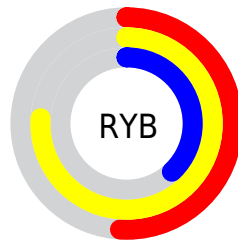
Distribution



Red (76%)

Green (67%)

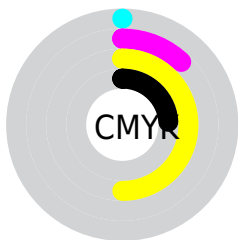
Blue (38%)



Red (51%)

Yellow (76%)

Blue (38%)

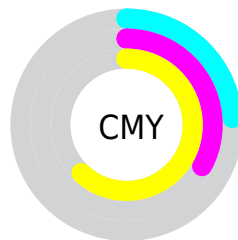


Cyan (0%)

Magenta (12%)

Yellow (50%)

Black (24%)



Cyan (24%)


Magenta (33%)


Yellow (62%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 41.0819, 0.3996, 0.4233 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 41.0819, 0.3996, 0.4233 by changing the saturation by 10% instead.


 41.0819, 0.3996,
0.4233

 41.0819, 0.3996,
0.4233

350.6628, 0.3567,
0.3766

 28.3831, 0.4096,
0.4343


 76.8082, 0.3844,
0.4067

 18.6146, 0.4218,
0.4477


 100.6045, 0.3786,
0.4003

 11.3922, 0.4366,
0.4641

 128.8687, 0.3736,
0.3949

 6.3313, 0.4543,
0.4841

 161.9853, 0.3693,
0.3902

 3.0475, 0.4832,
0.5168

200.3386, 0.3655,
0.3861

 1.1566, 0.4817,
0.5183

244.3130, 0.3622,

 0.0258, 0.1325,

0.3826

0.8675

294.2929, 0.3593,
0.3794

0.0000, 0.0000,
0.0000

41.0819, 0.3996,
0.4233

41.0819, 0.3996,
0.4233

38.9981, 0.4178,
0.4392

43.3238, 0.3809,
0.4053

37.0593, 0.4348,
0.4518

45.7245, 0.3624,
0.3861

35.2593, 0.4496,
0.4604

48.2921, 0.3447,
0.3666

33.5885, 0.4617,
0.4642

51.0323, 0.3281,
0.3475

32.0315, 0.4713,
0.4640

53.9502, 0.3127,
0.3290

■ 57.0510, 0.2987,
0.3116

■ 60.3395, 0.2860,
0.2954

■ 63.8200, 0.2746,
0.2804

■ 66.3825, 0.2735,
0.2830

Harmonies

Analogous

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



41.0819, 0.4284, 0.3864



41.0819, 0.3996, 0.4233



41.0819, 0.3488, 0.4370

Triad

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



41.0819, 0.3996, 0.4233



41.0819, 0.2128, 0.3005



41.0819, 0.3266, 0.2612

Complementary

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



41.0819, 0.3996, 0.4233



20.1060, 0.2254, 0.2108

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.



41.0819, 0.2692, 0.2401



41.0819, 0.3996, 0.4233



41.0819, 0.2083, 0.2577

Square

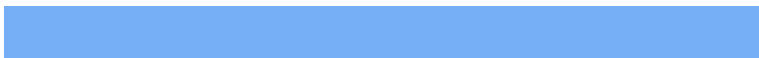
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



41.0819, 0.3996, 0.4233



41.0819, 0.2417, 0.3598



41.0819, 0.2277, 0.2379



41.0819, 0.3852, 0.2970

Rectangle

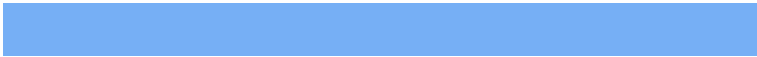
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



41.0819, 0.3996, 0.4233



41.0819, 0.3100, 0.4259



41.0819, 0.2277, 0.2379



41.0819, 0.3064, 0.2523

Sweetspot

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



41.0838, 0.3996, 0.4233



89.8140, 0.3366, 0.3574



21.4016, 0.4159, 0.2968



19.4365, 0.3402, 0.3615



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.



41.0838, 0.3996, 0.4233



70.3059, 0.4195, 0.4405



47.9698, 0.3634, 0.4590



11.3225, 0.3271, 0.3462



21.1916, 0.4704, 0.4647



1.0189, 0.4567, 0.4756

Inverse Universe

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



20.1060, 0.2254, 0.2108



28.1307, 0.2055, 0.1798



16.5218, 0.2396, 0.1805



10.1439, 0.2983, 0.3112



4.0615, 0.1583, 0.0899



0.2887, 0.1708, 0.1349

Previews

White Background



This preview shows how the Yxy color 41.0819, 0.3996, 0.4233 looks on a white background.

Color Contrast Check

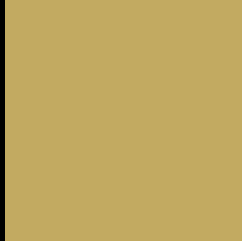
Large Text (above 18pt) WCAG AA × Fail

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 41.0819, 0.3996, 0.4233 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 41.0819, 0.3996, 0.4233

Background



This preview shows how black text looks on a background with the Yxy color 41.0819, 0.3996, 0.4233.



This preview shows how white text looks on a background with the Yxy color 41.0819, 0.3996, 0.4233.

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

41.0819, 0.3996, 0.4233

Protanopia

41.2057, 0.3926, 0.4263

Deuteranopia

40.9881, 0.4176, 0.4098



Tritanopia

40.9632, 0.3394, 0.3126

Trichromacy



Original Color

41.0819, 0.3996, 0.4233

Protanomaly

41.0840, 0.3952, 0.4244

Deuteranomaly

40.9916, 0.4113, 0.4138

Tritanomaly

40.6320, 0.3624, 0.3526

Monochromacy



Original Color

41.0819, 0.3996, 0.4233

Achromatopsia

39.6755, 0.3127, 0.3290

Achromatomaly

39.8241, 0.3440, 0.3653

CSS Examples

Text

The CSS property to change the color of the text to Yxy 41.0819, 0.3996, 0.4233 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, 170, 97)` looks like.

```
.text, #text, p{  
    color:rgb(194, 170, 97)  
}
```

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, 170, 97) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 170, 97) }
```

Border

The CSS property to change the border of an element to Yxy 41.0819, 0.3996, 0.4233 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, 170, 97) }
```

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

```
.border{ border-color:rgb(194, 170, 97) }
```

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

Here you see how a box with a 4 pixel rgb(194, 170, 97) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 170, 97); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 170, 97);  
box-shadow:4px 4px 4px 4px rgb(194, 170,  
97) }
```


Background

The CSS property to change the background color of an element to Yxy 41.0819, 0.3996, 0.4233 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 170, 97) }
```

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

```
.background{ background-color: rgb(194,  
170, 97) }
```

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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