

Converting Colors

$Yxy(41.0973, 0.4272, 0.4629)$

Have a look what the booklet for
Yxy(41.0973, 0.4272, 0.4629)
contains.

Yxy(41.0233, 0.4266, 0.4629)	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(41.0233, 0.4266, 0.4629)

Conversions

Conversions Part 1

Format	Color
Hex	C3AB39
RGB	195, 171, 57
RGB Percent	76%, 67%, 22%
CMY	0.2353, 0.3294, 0.7766
CMYK	0.00, 0.12, 0.71, 0.24
HSL	50°, 55%, 49%
HSV	50°, 71%, 76%
XYZ	37.8063, 41.0233, 9.7928
YIQ	165.1800, 50.8980, -30.3660

Conversions

Conversions Part 2

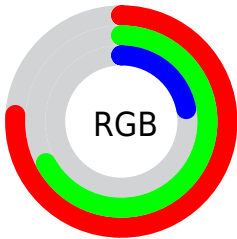
Format	Color
RYB	86, 195, 57
Decimal	12823353
CIELab	70.19, -3.80, 59.00
CIELCh	70, 59.122, 93.688
Yxy	41.0233, 0.4266, 0.4629
Android (android.graphics.Color)	4291013433 (0xFFC3AB39)
YUV	165.1800, -53.3327, 26.1521
Hunter-Lab	64.0494, -6.7237, 35.7695

Details

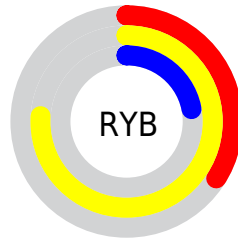
The Yxy color **41.0233, 0.4266, 0.4629** is a dark color, and the websafe version is hex **CC9933**. The color can be described as middle muted orange. A complement of this color would be **10.6891, 0.1854, 0.1369**, and the grayscale version is **37.9602, 0.3127, 0.3290**.

A 20% lighter version of the original color is **76.8004, 0.4093, 0.4408**, and **18.5969, 0.4452, 0.4847** is the 20% darker color. If you saturate the color by 10%, you get **39.6024, 0.4385, 0.4722**, and if you desaturate by 10%, it is **42.5556, 0.4123, 0.4495**.

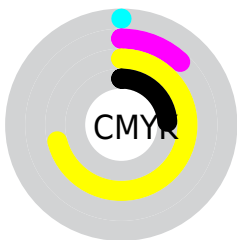
Distribution



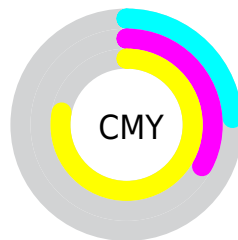
- Red (76%)
- Green (67%)
- Blue (22%)



- Red (34%)
- Yellow (76%)
- Blue (22%)



- Cyan (0%)
- Magenta (12%)
- Yellow (71%)
- Black (24%)





- Cyan (24%)
- Magenta (33%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 41.0233, 0.4266, 0.4629 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 41.0233, 0.4266, 0.4629 by changing the saturation by 10% instead.


 41.0233, 0.4266,
0.4629


 41.0233, 0.4266,
0.4629

350.4180, 0.3736,
0.3991

 28.3373, 0.4371,
0.4762


 76.7193, 0.4091,
0.4413

 18.5801, 0.4485,
0.4912


 100.4980, 0.4019,
0.4327


 11.3672, 0.4602,
0.5077


 128.7431, 0.3957,
0.4251

 6.3144, 0.4729,
0.5271

 161.8390, 0.3901,
0.4186

 3.0372, 0.4688,
0.5312

 200.1700, 0.3853,
0.4128

 1.1512, 0.4617,
0.5383

 244.1206, 0.3809,

 0.0213, 0.0000,

0.4077

1.0000

294.0751, 0.3771,
0.4031

0.0000, 0.0000,
0.0000

41.0233, 0.4266,
0.4629

41.0233, 0.4266,
0.4629

39.6024, 0.4385,
0.4722

42.5556, 0.4123,
0.4495

38.2778, 0.4476,
0.4768

44.2014, 0.3964,
0.4327

37.1275, 0.4539,
0.4778

45.9696, 0.3795,
0.4135

47.8665, 0.3623,
0.3929

49.8977, 0.3453,
0.3718

■ 52.0686, 0.3291,
0.3508

■ 54.3841, 0.3139,
0.3305

■ 56.8490, 0.2997,
0.3113

■ 59.4676, 0.2868,
0.2933

Harmonies

Analogous

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



41.0233, 0.4748, 0.4071



41.0233, 0.4266, 0.4629



41.0233, 0.3520, 0.4887

Triad

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



41.0233, 0.4266, 0.4629



41.0233, 0.1724, 0.2777



41.0233, 0.3384, 0.2386

Complementary

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



41.0233, 0.4266, 0.4629



10.6891, 0.1854, 0.1369

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.



41.0233, 0.2556, 0.2087



41.0233, 0.4266, 0.4629



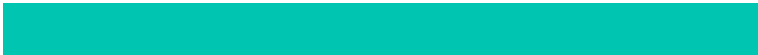
41.0233, 0.1703, 0.2231

Square

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



41.0233, 0.4266, 0.4629



41.0233, 0.2065, 0.3649



41.0233, 0.1980, 0.2021



41.0233, 0.4242, 0.2868

Rectangle

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



41.0233, 0.4266, 0.4629



41.0233, 0.2976, 0.4726



41.0233, 0.1980, 0.2021



41.0233, 0.3089, 0.2263

Sweetspot

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



41.0253, 0.4266, 0.4629



89.1651, 0.3463, 0.3729



15.1391, 0.5074, 0.3012



19.2972, 0.3510, 0.3789



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.



41.0253, 0.4266, 0.4629



69.5960, 0.4439, 0.4753



45.9318, 0.3675, 0.5104



11.4508, 0.3269, 0.3479



24.2406, 0.4533, 0.4783



1.1276, 0.4445, 0.4853

Inverse Universe

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



10.6891, 0.1854, 0.1369



12.5213, 0.1647, 0.0984



9.6122, 0.2110, 0.1219



10.0248, 0.2983, 0.3094



3.3878, 0.1547, 0.0769



0.2357, 0.1653, 0.1149

Previews

White Background



This preview shows how the Yxy color 41.0233, 0.4266, 0.4629 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 41.0233, 0.4266, 0.4629 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 41.0233, 0.4266, 0.4629

Background



This preview shows how black text looks on a background with the Yxy color 41.0233, 0.4266, 0.4629.



This preview shows how white text looks on a background with the Yxy color 41.0233, 0.4266, 0.4629.

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

41.0233, 0.4266, 0.4629

Protanopia

41.0069, 0.4228, 0.4657

Deuteranopia

40.9677, 0.4515, 0.4411



Tritanopia

40.9575, 0.3444, 0.3140

Trichromacy



Original Color

41.0233, 0.4266, 0.4629

Protanomaly

41.1379, 0.4237, 0.4651

Deuteranomaly

40.9981, 0.4426, 0.4488

Tritanomaly

40.5801, 0.3806, 0.3732

Monochromacy



Original Color

41.0233, 0.4266, 0.4629

Achromatopsia

37.6262, 0.3127, 0.3290

Achromatomaly

38.3739, 0.3580, 0.3871

CSS Examples

Text

The CSS property to change the color of the text to Yxy 41.0233, 0.4266, 0.4629 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(195, 171, 57)` looks like.

```
.text, #text, p{  
    color:rgb(195, 171, 57)  
}
```

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(195, 171, 57) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 171, 57) }
```

Border

The CSS property to change the border of an element to Yxy 41.0233, 0.4266, 0.4629 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(195, 171, 57) }
```

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

```
.border{ border-color:rgb(195, 171, 57) }
```

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

Here you see how a box with a 4 pixel rgb(195, 171, 57) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 171, 57); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 171, 57);  
box-shadow:4px 4px 4px 4px rgb(195, 171,  
57) }
```


Background

The CSS property to change the background color of an element to Yxy 41.0233, 0.4266, 0.4629 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 171, 57) }
```

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

```
.background{ background-color: rgb(195,  
171, 57) }
```

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