

Converting Colors

$Yxy(43.6587, 0.4883, 0.4452)$

Have a look what the booklet for
Yxy(43.6587, 0.4883, 0.4452)
contains.

Yxy(43.5413, 0.4885, 0.4451)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(43.5413, 0.4885, 0.4451)

Conversions

Conversions Part 1

Format	Color
Hex	EDA113
RGB	237, 161, 19
RGB Percent	93%, 63%, 7%
CMY	0.0706, 0.3686, 0.9260
CMYK	0.00, 0.32, 0.92, 0.07
HSL	39°, 86%, 50%
HSV	39°, 92%, 93%
XYZ	47.7868, 43.5413, 6.4955
YIQ	167.5360, 90.8780, -28.0500

Conversions

Conversions Part 2

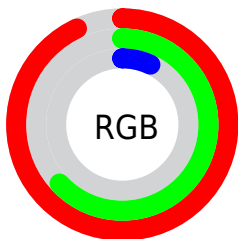
Format	Color
RYB	136, 237, 19
Decimal	15573267
CIELab	71.92, 18.61, 73.44
CIELCh	72, 75.762, 75.778
Yxy	43.5413, 0.4885, 0.4451
Android (android.graphics.Color)	4293763347 (0xFFEDA113)
YUV	167.5360, -73.2282, 60.9199
Hunter-Lab	65.9858, 13.7942, 40.3537

Details

The Yxy color **43.5413, 0.4885, 0.4451** is a dark color, and the websafe version is hex **CC9900**. The color can be described as middle washed orange. A complement of this color would be **14.4112, 0.1694, 0.1243**, and the grayscale version is **39.2452, 0.3127, 0.3290**.

A 20% lighter version of the original color is **71.0118, 0.4294, 0.4524**, and **20.2658, 0.5033, 0.4386** is the 20% darker color. If you saturate the color by 10%, you get **41.2593, 0.4988, 0.4421**, and if you desaturate by 10%, it is **46.6502, 0.4729, 0.4448**.

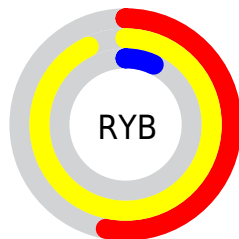
Distribution



Red (93%)

Green (63%)

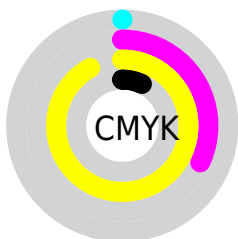
Blue (7%)



Red (53%)

Yellow (93%)

Blue (7%)

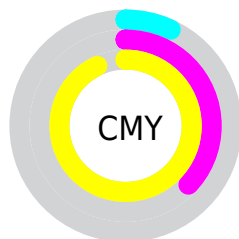


Cyan (0%)

Magenta (32%)

Yellow (92%)

Black (7%)



Cyan (7%)


Magenta (37%)


Yellow (93%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 43.5413, 0.4885, 0.4451 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 43.5413, 0.4885, 0.4451 by changing the saturation by 10% instead.


 43.5413, 0.4885,
0.4451

 43.5413, 0.4885,
0.4451


360.8332, 0.4085,
0.3999


 30.3101, 0.5036,
0.4507

 80.5271, 0.4627,
0.4328

 20.0741, 0.5198,
0.4546


 105.0504, 0.4520,
0.4269

 12.4489, 0.5411,
0.4589

 134.1065, 0.4425,
0.4214


 7.0502, 0.5518,
0.4482

 168.0798, 0.4340,
0.4163

 3.4935, 0.5678,
0.4322

 207.3548, 0.4265,
0.4117

 1.3945, 0.5940,
0.4060

 252.3157, 0.4199,

 0.2126, 0.7553,

0.4074

0.2447

303.3470, 0.4139,
0.4035

■ 0.0000, 0.0000,
0.0000

■ 43.5413, 0.4885,
0.4451

■ 43.5413, 0.4885,
0.4451

■ 41.2593, 0.4988,
0.4421

■ 46.6502, 0.4729,
0.4448

■ 50.0516, 0.4542,
0.4393

■ 53.7664, 0.4335,
0.4293

■ 57.8108, 0.4118,
0.4159

■ 62.1990, 0.3901,
0.4001

66.9443, 0.3693,
0.3831

72.0586, 0.3499,
0.3657

77.5533, 0.3320,
0.3486

83.4391, 0.3158,
0.3322

Harmonies

Analogous

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



43.5413, 0.5219, 0.3712



43.5413, 0.4885, 0.4451



43.5413, 0.4109, 0.5112

Triad

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



43.5413, 0.4885, 0.4451



43.5413, 0.1617, 0.3229



43.5413, 0.2790, 0.1964

Complementary

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



43.5413, 0.4885, 0.4451



14.4112, 0.1694, 0.1243

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.



43.5413, 0.1972, 0.1770



43.5413, 0.4885, 0.4451



43.5413, 0.1398, 0.2308

Square

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



43.5413, 0.4885, 0.4451



43.5413, 0.2230, 0.4478



43.5413, 0.1519, 0.1859



43.5413, 0.3889, 0.2405

Rectangle

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



43.5413, 0.4885, 0.4451



43.5413, 0.3476, 0.5309



43.5413, 0.1519, 0.1859



43.5413, 0.2476, 0.1870

Sweetspot

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



43.5435, 0.4885, 0.4451



81.3675, 0.3615, 0.3762



19.2961, 0.5383, 0.2790



16.8692, 0.3702, 0.3838



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.



43.5435, 0.4885, 0.4451



48.5916, 0.4992, 0.4418



73.4923, 0.3935, 0.5222



16.6924, 0.3277, 0.3443



22.7809, 0.4972, 0.4434



1.9677, 0.4836, 0.4542

Inverse Universe

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



14.4112, 0.1694, 0.1243



14.3377, 0.1635, 0.1085



7.2950, 0.1613, 0.0696



15.4072, 0.2980, 0.3132



6.9015, 0.1645, 0.1121



0.7163, 0.1722, 0.1398

Previews

White Background



This preview shows how the Yxy color 43.5413, 0.4885, 0.4451 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 43.5413, 0.4885, 0.4451 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 43.5413, 0.4885, 0.4451

Background



This preview shows how black text looks on a background with the Yxy color 43.5413, 0.4885, 0.4451.



This preview shows how white text looks on a background with the Yxy color 43.5413, 0.4885, 0.4451.

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

43.5413, 0.4885, 0.4451

Protanopia

43.6523, 0.4368, 0.4834

Deuteranopia

43.3407, 0.4718, 0.4618



Tritanopia

43.6190, 0.3974, 0.3172

Trichromacy



Original Color

43.5413, 0.4885, 0.4451

Protanomaly

43.3299, 0.4563, 0.4690

Deuteranomaly

43.4284, 0.4779, 0.4560

Tritanomaly

42.9161, 0.4454, 0.3778

Monochromacy



Original Color

43.5413, 0.4885, 0.4451

Achromatopsia

39.1572, 0.3127, 0.3290

Achromatomaly

39.4626, 0.3870, 0.3968

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.5413, 0.4885, 0.4451 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(237, 161, 19)` looks like.

```
.text, #text, p{  
    color:rgb(237, 161, 19)  
}
```

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(237, 161, 19) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 161, 19) }
```

Border

The CSS property to change the border of an element to Yxy 43.5413, 0.4885, 0.4451 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(237, 161, 19) }
```

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

```
.border{ border-color:rgb(237, 161, 19) }
```

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

Here you see how a box with a 4 pixel `rgb(237, 161, 19)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 161, 19); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 161, 19);  
box-shadow:4px 4px 4px 4px rgb(237, 161,  
19) }
```


Background

The CSS property to change the background color of an element to Yxy 43.5413, 0.4885, 0.4451 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 161, 19) }
```

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

```
.background{ background-color: rgb(237,  
161, 19) }
```

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