

Converting Colors

$Y_{xy}(39.0903, 0.4450, 0.4366)$

Have a look what the booklet for
Yxy(39.0903, 0.4450, 0.4366)
contains.

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Color

Yxy(39.0903, 0.4450, 0.4366)

Conversions

Conversions Part 1

Format	Color
Hex	D1A042
RGB	209, 160, 66
RGB Percent	82%, 63%, 26%
CMY	0.1805, 0.3725, 0.7411
CMYK	0.00, 0.23, 0.68, 0.18
HSL	39°, 61%, 54%
HSV	39°, 68%, 82%
XYZ	39.8424, 39.0903, 10.6008
YIQ	163.9350, 59.3780, -18.8460

Conversions

Conversions Part 2

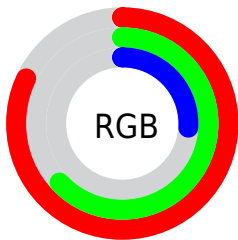
Format	Color
RYB	141, 209, 66
Decimal	13738050
CIELab	68.82, 8.61, 54.23
CIElCh	69, 54.908, 80.975
Yxy	39.0903, 0.4450, 0.4366
Android (android.graphics.Color)	4291928130 (0xFFD1A042)
YUV	163.9350, -48.2820, 39.5220
Hunter-Lab	62.5222, 4.3355, 33.7128

Details

The Yxy color **39.0903, 0.4450, 0.4366** is a light color, and the websafe version is hex **CC9933**. The color can be described as light muted orange. A complement of this color would be **18.0131, 0.1976, 0.1790**, and the grayscale version is **37.3055, 0.3127, 0.3290**.

A 20% lighter version of the original color is **71.1689, 0.4115, 0.4256**, and **17.5297, 0.4758, 0.4567** is the 20% darker color. If you saturate the color by 10%, you get **36.4788, 0.4642, 0.4441**, and if you desaturate by 10%, it is **41.9385, 0.4241, 0.4250**.

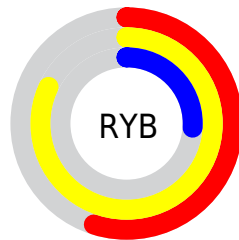
Distribution



Red (82%)

Green (63%)

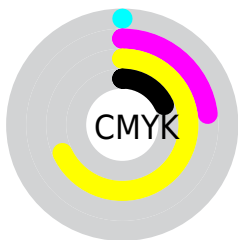
Blue (26%)



Red (55%)

Yellow (82%)

Blue (26%)

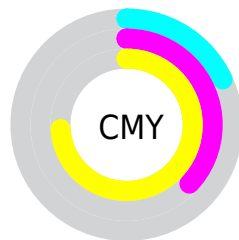


Cyan (0%)

Magenta (23%)

Yellow (68%)

Black (18%)



Cyan (18%)

Magenta (37%)

Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 39.0903, 0.4450, 0.4366 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 39.0903, 0.4450, 0.4366 by changing the saturation by 10% instead.


 39.0903, 0.4450,
0.4366


 39.0903, 0.4450,
0.4366


342.2743, 0.3806,
0.3870


 26.8300, 0.4591,
0.4463


 73.7762, 0.4228,
0.4203


 17.4456, 0.4755,
0.4567


 96.9707, 0.4140,
0.4136

 10.5527, 0.4940,
0.4668


 124.5786, 0.4065,
0.4077

 5.7669, 0.5200,
0.4800

 156.9844, 0.3999,
0.4026

 2.7039, 0.5291,
0.4709

 194.5724, 0.3941,
0.3980

 0.9792, 0.5453,
0.4547

237.7272, 0.3891,

 0.0000, 1.0000,

0.3939

0.0000

286.8330, 0.3846,
0.3903

0.0000, 0.0000,
0.0000

39.0903, 0.4450,
0.4366

39.0903, 0.4450,
0.4366

36.4788, 0.4642,
0.4441

41.9385, 0.4241,
0.4250

34.0854, 0.4809,
0.4468

45.0287, 0.4027,
0.4104

31.8940, 0.4944,
0.4445

48.3728, 0.3817,
0.3941

31.5605, 0.4965,
0.4440

51.9801, 0.3616,
0.3768

55.8591, 0.3429,
0.3595

■ 60.0179, 0.3258,
0.3426

■ 64.4640, 0.3104,
0.3265

■ 69.2047, 0.2966,
0.3114

■ 74.2469, 0.2842,
0.2974

Harmonies

Analogous

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



39.0903, 0.4733, 0.3797



39.0903, 0.4450, 0.4366



39.0903, 0.3828, 0.4754

Triad

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



39.0903, 0.4450, 0.4366



39.0903, 0.1891, 0.3131



39.0903, 0.3021, 0.2282

Complementary

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



39.0903, 0.4450, 0.4366



18.0131, 0.1976, 0.1790

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.



39.0903, 0.2320, 0.2086



39.0903, 0.4450, 0.4366



39.0903, 0.1741, 0.2468

Square

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



39.0903, 0.4450, 0.4366



39.0903, 0.2354, 0.4008



39.0903, 0.1887, 0.2132



39.0903, 0.3857, 0.2680

Rectangle

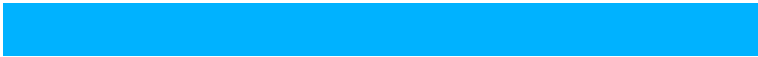
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



39.0903, 0.4450, 0.4366



39.0903, 0.3321, 0.4769



39.0903, 0.1887, 0.2132



39.0903, 0.2762, 0.2192

Sweetspot

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



39.0922, 0.4450, 0.4366



85.8722, 0.3480, 0.3644



18.7104, 0.4576, 0.2728



18.0144, 0.3532, 0.3692



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.



39.0922, 0.4450, 0.4366



55.4896, 0.4721, 0.4460



56.6101, 0.3869, 0.4933



13.0875, 0.3274, 0.3442



19.6553, 0.4951, 0.4451



1.2434, 0.4777, 0.4589

Inverse Universe

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



18.0131, 0.1976, 0.1790



20.6374, 0.1784, 0.1438



10.5478, 0.1949, 0.1180



12.0700, 0.2982, 0.3133



5.8270, 0.1643, 0.1115



0.4720, 0.1747, 0.1490

Previews

White Background



This preview shows how the Yxy color 39.0903, 0.4450, 0.4366 looks on a white background.

Color Contrast Check

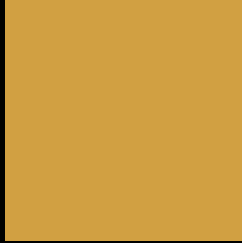
Large Text (above 18pt) WCAG AA × Fail

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 39.0903, 0.4450, 0.4366 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 39.0903, 0.4450, 0.4366

Background



This preview shows how black text looks on a background with the Yxy color 39.0903, 0.4450, 0.4366.



This preview shows how white text looks on a background with the Yxy color 39.0903, 0.4450, 0.4366.

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

39.0903, 0.4450, 0.4366

Protanopia

38.9874, 0.4149, 0.4552

Deuteranopia

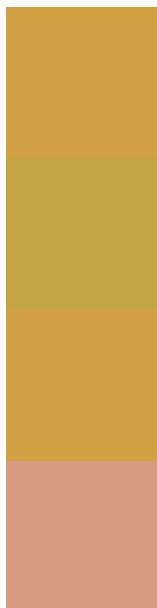
39.0903, 0.4450, 0.4366



Tritanopia

39.0203, 0.3687, 0.3145

Trichromacy



Original Color

39.0903, 0.4450, 0.4366

Protanomaly

38.9176, 0.4261, 0.4485

Deuteranomaly

39.0903, 0.4450, 0.4366

Tritanomaly

38.7896, 0.4005, 0.3628

Monochromacy



Original Color

39.0903, 0.4450, 0.4366

Achromatopsia

37.1238, 0.3127, 0.3290

Achromatomaly

37.4562, 0.3616, 0.3782

CSS Examples

Text

The CSS property to change the color of the text to Yxy 39.0903, 0.4450, 0.4366 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(209, 160, 66)` looks like.

```
.text, #text, p{  
    color:rgb(209, 160, 66)  
}
```

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(209, 160, 66) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 160, 66) }
```

Border

The CSS property to change the border of an element to Yxy 39.0903, 0.4450, 0.4366 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(209, 160, 66) }
```

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

```
.border{ border-color:rgb(209, 160, 66) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 160, 66)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 160, 66); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 160, 66);  
box-shadow:4px 4px 4px 4px rgb(209, 160,  
66) }
```


Background

The CSS property to change the background color of an element to Yxy 39.0903, 0.4450, 0.4366 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 160, 66) }
```

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

```
.background{ background-color: rgb(209,  
160, 66) }
```

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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