

Converting Colors

$Yxy(39.3897, 0.4414, 0.4814)$

Have a look what the booklet for
Yxy(39.3897, 0.4414, 0.4814)
contains.

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Color

Yxy(39.3897, 0.4414, 0.4814)

Conversions

Conversions Part 1

Format	Color
Hex	C1A813
RGB	193, 168, 19
RGB Percent	76%, 66%, 7%
CMY	0.2431, 0.3412, 0.9253
CMYK	0.00, 0.13, 0.90, 0.24
HSL	51°, 82%, 42%
HSV	51°, 90%, 76%
XYZ	36.1168, 39.3897, 6.3168
YIQ	158.4890, 62.7290, -41.0390

Conversions

Conversions Part 2

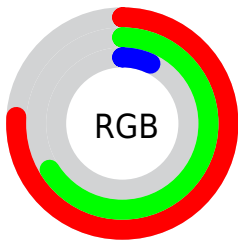
Format	Color
R _Y B	48, 193, 19
Decimal	12691475
CIE Lab	69.03, -4.37, 69.18
CIE LCh	69, 69.322, 93.611
Yxy	39.3897, 0.4414, 0.4814
Android (android.graphics.Color)	4290881555 (0xFFC1A813)
YUV	158.4890, -68.7681, 30.2661
Hunter-Lab	62.7612, -7.1119, 37.9655

Details

The Yxy color **39.3897, 0.4414, 0.4814** is a dark color, and the websafe version is hex **CC9900**. The color can be described as dark washed orange. A complement of this color would be **5.7960, 0.1597, 0.0857**, and the grayscale version is **34.7276, 0.3127, 0.3290**.

A 20% lighter version of the original color is **74.2981, 0.4230, 0.4589**, and **17.6417, 0.4457, 0.4843** is the 20% darker color. If you saturate the color by 10%, you get **38.3440, 0.4472, 0.4831**, and if you desaturate by 10%, it is **40.5227, 0.4331, 0.4760**.

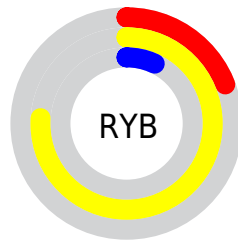
Distribution



Red (76%)

Green (66%)

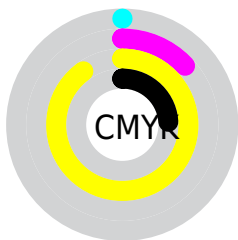
Blue (7%)



Red (19%)

Yellow (76%)

Blue (7%)

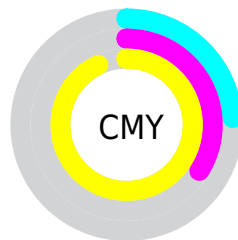


Cyan (0%)

Magenta (13%)

Yellow (90%)

Black (24%)



Cyan (24%)

Magenta (34%)

Yellow (93%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 39.3897, 0.4414, 0.4814 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 39.3897, 0.4414, 0.4814 by changing the saturation by 10% instead.


 39.3897, 0.4414,
0.4814


 39.3897, 0.4414,
0.4814

343.5445, 0.3840,
0.4111

 27.0630, 0.4513,
0.4945


 74.2333, 0.4235,
0.4587

 17.6206, 0.4608,
0.5082


 97.5190, 0.4158,
0.4492

 10.6779, 0.4734,
0.5266


 125.2264, 0.4089,
0.4408

 5.8507, 0.4703,
0.5297

 157.7401, 0.4027,
0.4334

 2.7545, 0.4654,
0.5346

 195.4443, 0.3973,
0.4268

 1.0050, 0.4564,
0.5436

 238.7236, 0.3924,

 0.0000, 0.0000,

0.4210

0.0000

287.9621, 0.3880,
0.4158

■ 39.3897, 0.4414,
0.4814

■ 39.3897, 0.4414,
0.4814

■ 38.3440, 0.4472,
0.4831

■ 40.5227, 0.4331,
0.4760

■ 41.7404, 0.4221,
0.4661

■ 43.0538, 0.4087,
0.4520

■ 44.4704, 0.3935,
0.4346

■ 45.9967, 0.3772,
0.4148

■ 47.6388, 0.3605,
0.3936

■ 49.4020, 0.3440,
0.3718

■ 51.2916, 0.3280,
0.3502

■ 53.3121, 0.3129,
0.3293

Harmonies

Analogous

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



39.3897, 0.5005, 0.4133



39.3897, 0.4414, 0.4814



39.3897, 0.3544, 0.5196

Triad

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



39.3897, 0.4414, 0.4814



39.3897, 0.1513, 0.2663



39.3897, 0.3416, 0.2247

Complementary

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



39.3897, 0.4414, 0.4814



5.7960, 0.1597, 0.0857

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.



39.3897, 0.2450, 0.1912



39.3897, 0.4414, 0.4814



39.3897, 0.1499, 0.2053

Square

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



39.3897, 0.4414, 0.4814



39.3897, 0.1882, 0.3709



39.3897, 0.1805, 0.1833



39.3897, 0.4446, 0.2785

Rectangle

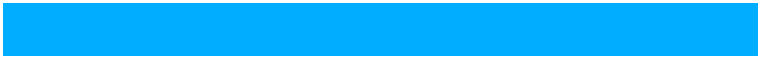
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



39.3897, 0.4414, 0.4814



39.3897, 0.2918, 0.5039



39.3897, 0.1805, 0.1833



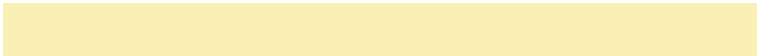
39.3897, 0.3067, 0.2110

Sweetspot

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



39.3916, 0.4414, 0.4814



86.1359, 0.3560, 0.3877



11.9978, 0.5926, 0.3131



18.2527, 0.3617, 0.3952



97.7402, 0.3127, 0.3290



20.4902, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



39.3916, 0.4414, 0.4814



68.3770, 0.4477, 0.4827



43.1121, 0.3624, 0.5439



11.5034, 0.3268, 0.3486



25.5871, 0.4468, 0.4834



1.1746, 0.4398, 0.4890

Inverse Universe

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



5.7960, 0.1597, 0.0857



8.1542, 0.1527, 0.0697



6.0207, 0.1877, 0.0859



9.9765, 0.2983, 0.3087



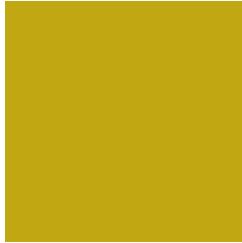
3.1779, 0.1535, 0.0727



0.2142, 0.1628, 0.1062

Previews

White Background



This preview shows how the Yxy color 39.3897, 0.4414, 0.4814 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 39.3897, 0.4414, 0.4814 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 39.3897, 0.4414, 0.4814

Background



This preview shows how black text looks on a background with the Yxy color 39.3897, 0.4414, 0.4814.



This preview shows how white text looks on a background with the Yxy color 39.3897, 0.4414, 0.4814.

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

39.3897, 0.4414, 0.4814

Protanopia

39.3701, 0.4374, 0.4845

Deuteranopia

39.3669, 0.4670, 0.4573



Tritanopia

39.1606, 0.3471, 0.3138

Trichromacy



Original Color

39.3897, 0.4414, 0.4814

Protanomaly

39.4993, 0.4384, 0.4838

Deuteranomaly

39.3821, 0.4580, 0.4659

Tritanomaly

38.4986, 0.3958, 0.3891

Monochromacy



Original Color

39.3897, 0.4414, 0.4814

Achromatopsia

34.1914, 0.3127, 0.3290

Achromatomaly

35.5601, 0.3721, 0.4088

CSS Examples

Text

The CSS property to change the color of the text to Yxy 39.3897, 0.4414, 0.4814 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(193, 168, 19)` looks like.

```
.text, #text, p{  
    color:rgb(193, 168, 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(193, 168, 19) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 168, 19) }
```

Border

The CSS property to change the border of an element to Yxy 39.3897, 0.4414, 0.4814 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(193, 168, 19) }
```

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

```
.border{ border-color:rgb(193, 168, 19) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 168, 19)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 168, 19); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 168, 19);  
box-shadow:4px 4px 4px 4px rgb(193, 168,  
19) }
```


Background

The CSS property to change the background color of an element to Yxy 39.3897, 0.4414, 0.4814 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 168, 19) }
```

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

```
.background{ background-color: rgb(193,  
168, 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](#).

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