

Converting Colors

$Yxy(39.6636, 0.4409, 0.4847)$

Have a look what the booklet for
Yxy(39.6636, 0.4409, 0.4847)
contains.

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Color

Yxy(39.6089, 0.4406, 0.4848)

Conversions

Conversions Part 1

Format	Color
Hex	C0A90C
RGB	192, 169, 12
RGB Percent	75%, 66%, 5%
CMY	0.2470, 0.3373, 0.9530
CMYK	0.00, 0.12, 0.94, 0.25
HSL	52°, 88%, 40%
HSV	52°, 94%, 75%
XYZ	35.9977, 39.6089, 6.0949
YIQ	157.9790, 64.1050, -43.9510

Conversions

Conversions Part 2

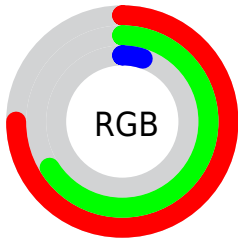
Format	Color
RYB	38, 192, 12
Decimal	12626188
CIELab	69.19, -5.44, 70.37
CIELCh	69, 70.583, 94.423
Yxy	39.6089, 0.4406, 0.4848
Android (android.graphics.Color)	4290816268 (0xFFC0A90C)
YUV	157.9790, -71.9676, 29.8364
Hunter-Lab	62.9356, -8.0395, 38.3130

Details

The Yxy color **39.6089, 0.4406, 0.4848** is a dark color, and the websafe version is hex **999900**. The color can be described as dark washed orange. A complement of this color would be **5.0882, 0.1564, 0.0775**, and the grayscale version is **34.4947, 0.3127, 0.3290**.

A 20% lighter version of the original color is **74.6008, 0.4229, 0.4620**, and **17.7909, 0.4429, 0.4866** is the 20% darker color. If you saturate the color by 10%, you get **39.0171, 0.4438, 0.4858**, and if you desaturate by 10%, it is **40.6069, 0.4338, 0.4807**.

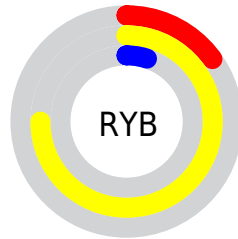
Distribution



Red (75%)

Green (66%)

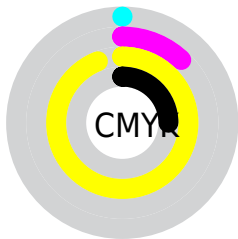
Blue (5%)



Red (15%)

Yellow (75%)

Blue (5%)

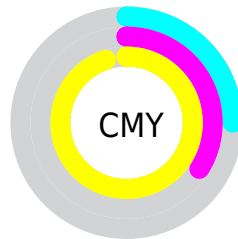


Cyan (0%)

Magenta (12%)

Yellow (94%)

Black (25%)



Cyan (25%)


Magenta (34%)


Yellow (95%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 39.6089, 0.4406, 0.4848 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 39.6089, 0.4406, 0.4848 by changing the saturation by 10% instead.


 39.6089, 0.4406,
0.4848


 39.6089, 0.4406,
0.4848


344.4724, 0.3841,
0.4130

 27.2337, 0.4500,
0.4982


 74.5676, 0.4232,
0.4616

 17.7488, 0.4589,
0.5120


 97.9199, 0.4156,
0.4520


 10.7698, 0.4700,
0.5300


 125.7001, 0.4088,
0.4434

 5.9123, 0.4661,
0.5339

 158.2925, 0.4027,
0.4358

 2.7918, 0.4600,
0.5400

 196.0815, 0.3973,
0.4291

 1.0240, 0.4489,
0.5511

 239.4516, 0.3924,

 0.0000, 0.0000,

0.4231

0.0000

288.7871, 0.3881,
0.4178

■ 39.6089, 0.4406,
0.4848

■ 39.6089, 0.4406,
0.4848

■ 39.0171, 0.4438,
0.4858

■ 40.6069, 0.4338,
0.4807

■ 41.6805, 0.4243,
0.4722

■ 42.8412, 0.4122,
0.4594

■ 44.0967, 0.3980,
0.4430

■ 45.4538, 0.3825,
0.4237

■ 46.9185, 0.3662,
0.4026

■ 48.4965, 0.3497,
0.3806

■ 50.1927, 0.3336,
0.3585

■ 52.0120, 0.3183,
0.3369

Harmonies

Analogous

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



39.6089, 0.5019, 0.4158



39.6089, 0.4406, 0.4848



39.6089, 0.3519, 0.5229

Triad

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



39.6089, 0.4406, 0.4848



39.6089, 0.1488, 0.2628



39.6089, 0.3449, 0.2246

Complementary

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



39.6089, 0.4406, 0.4848



5.0882, 0.1564, 0.0775

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.



39.6089, 0.2462, 0.1901



39.6089, 0.4406, 0.4848



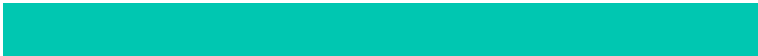
39.6089, 0.1484, 0.2024

Square

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



39.6089, 0.4406, 0.4848



39.6089, 0.1848, 0.3681



39.6089, 0.1801, 0.1813



39.6089, 0.4492, 0.2793

Rectangle

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



39.6089, 0.4406, 0.4848



39.6089, 0.2886, 0.5056



39.6089, 0.1801, 0.1813



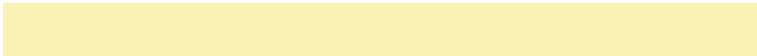
39.6089, 0.3093, 0.2105

Sweetspot

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



39.6108, 0.4406, 0.4848



86.4781, 0.3574, 0.3909



11.6000, 0.6075, 0.3175



18.2892, 0.3646, 0.4005



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.



39.6108, 0.4406, 0.4848



70.4126, 0.4443, 0.4854



42.1744, 0.3587, 0.5496



11.5314, 0.3268, 0.3489



26.3257, 0.4435, 0.4861



1.2001, 0.4374, 0.4909

Inverse Universe

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



5.0882, 0.1564, 0.0775



7.9272, 0.1522, 0.0680



5.6894, 0.1859, 0.0827



9.9511, 0.2983, 0.3083



3.0809, 0.1530, 0.0708



0.2027, 0.1615, 0.1015

Previews

White Background



This preview shows how the Yxy color 39.6089, 0.4406, 0.4848 looks on a white background.

Color Contrast Check

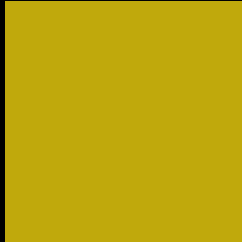
Large Text (above 18pt) WCAG AA × Fail

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 39.6089, 0.4406, 0.4848 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 39.6089, 0.4406, 0.4848

Background



This preview shows how black text looks on a background with the Yxy color 39.6089, 0.4406, 0.4848.



This preview shows how white text looks on a background with the Yxy color 39.6089, 0.4406, 0.4848.

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

39.6089, 0.4406, 0.4848

Protanopia

39.4788, 0.4396, 0.4856

Deuteranopia

39.3496, 0.4681, 0.4586



Tritanopia

39.5351, 0.3459, 0.3138

Trichromacy



Original Color

39.6089, 0.4406, 0.4848

Protanomaly

39.4788, 0.4396, 0.4856

Deuteranomaly

39.2205, 0.4583, 0.4682

Tritanomaly

38.6654, 0.3961, 0.3931

Monochromacy



Original Color

39.6089, 0.4406, 0.4848

Achromatopsia

34.1914, 0.3127, 0.3290

Achromatomaly

35.4066, 0.3728, 0.4119

CSS Examples

Text

The CSS property to change the color of the text to Yxy 39.6089, 0.4406, 0.4848 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(192, 169, 12)` looks like.

```
.text, #text, p{  
    color:rgb(192, 169, 12)  
}
```

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(192, 169, 12) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 169, 12) }
```

Border

The CSS property to change the border of an element to Yxy 39.6089, 0.4406, 0.4848 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(192, 169, 12) }
```

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

```
.border{ border-color:rgb(192, 169, 12) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 169, 12)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 169, 12); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 169, 12);  
box-shadow:4px 4px 4px 4px rgb(192, 169,  
12) }
```


Background

The CSS property to change the background color of an element to Yxy 39.6089, 0.4406, 0.4848 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 169, 12) }
```

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

```
.background{ background-color: rgb(192,  
169, 12) }
```

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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