

Converting Colors

Yxy(39.5814, 0.4374, 0.4891)

Have a look what the booklet for
Yxy(39.5814, 0.4374, 0.4891)
contains.

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Color

Yxy(39.5814, 0.4374, 0.4891)

Conversions

Conversions Part 1

Format	Color
Hex	BDAA06
RGB	189, 170, 6
RGB Percent	74%, 67%, 2%
CMY	0.2588, 0.3333, 0.9762
CMYK	0.00, 0.10, 0.97, 0.26
HSL	54°, 94%, 38%
HSV	54°, 97%, 74%
XYZ	35.3975, 39.5814, 5.9481
YIQ	156.9850, 63.9680, -46.9760

Conversions

Conversions Part 2

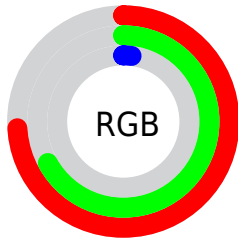
Format	Color
R _Y B	27, 189, 6
Decimal	12429830
CIE Lab	69.17, -7.38, 70.96
CIE LCh	69, 71.341, 95.937
Yxy	39.5814, 0.4374, 0.4891
Android (android.graphics.Color)	4290619910 (0xFFBDAA06)
YUV	156.9850, -74.4356, 28.0772
Hunter-Lab	62.9138, -9.6687, 38.4341

Details

The Yxy color **39.5814, 0.4374, 0.4891** is a dark color, and the websafe version is hex **999900**. A complement of this color would be **4.4131, 0.1537, 0.0706**, and the grayscale version is **34.0352, 0.3127, 0.3290**.

A 20% lighter version of the original color is **74.5547, 0.4208, 0.4654**, and **17.7822, 0.4373, 0.4910** is the 20% darker color. If you saturate the color by 10%, you get **39.3340, 0.4389, 0.4897**, and if you desaturate by 10%, it is **40.3823, 0.4321, 0.4859**.

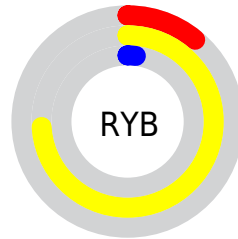
Distribution



Red (74%)

Green (67%)

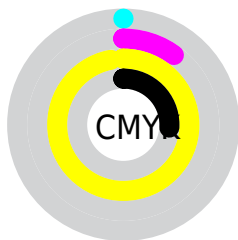
Blue (2%)



Red (11%)

Yellow (74%)

Blue (2%)

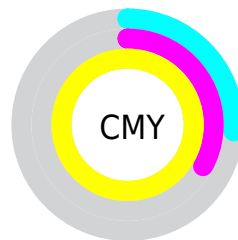


Cyan (0%)

Magenta (10%)

Yellow (97%)

Black (26%)



Cyan (26%)


Magenta (33%)


Yellow (98%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 39.5814, 0.4374, 0.4891 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 39.5814, 0.4374, 0.4891 by changing the saturation by 10% instead.

 39.5814, 0.4374,
0.4891


 39.5814, 0.4374,
0.4891


344.3561, 0.3829,
0.4149

 27.2123, 0.4462,
0.5030


 74.5257, 0.4208,
0.4650

 17.7327, 0.4542,
0.5176


 97.8696, 0.4135,
0.4550


 10.7583, 0.4637,
0.5363


 125.6407, 0.4069,
0.4462

 5.9045, 0.4584,
0.5416

 158.2232, 0.4010,
0.4384

 2.7871, 0.4500,
0.5500

 196.0016, 0.3957,
0.4315

 1.0216, 0.4344,
0.5656

 239.3603, 0.3910,

 0.0000, 0.0000,

0.4253

0.0000

288.6837, 0.3867,
0.4198

■ 39.5814, 0.4374,
0.4891

■ 39.5814, 0.4374,
0.4891

■ 39.3340, 0.4389,
0.4897

■ 40.3823, 0.4321,
0.4859

■ 41.2465, 0.4241,
0.4784

■ 42.1864, 0.4135,
0.4666

■ 43.2099, 0.4006,
0.4509

■ 44.3238, 0.3860,
0.4320

■ 45.5339, 0.3703,
0.4110

■ 46.8458, 0.3542,
0.3887

■ 48.2645, 0.3383,
0.3660

■ 49.7944, 0.3228,
0.3437

Harmonies

Analogous

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



39.5814, 0.5015, 0.4198



39.5814, 0.4374, 0.4891



39.5814, 0.3471, 0.5252

Triad

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



39.5814, 0.4374, 0.4891



39.5814, 0.1466, 0.2578



39.5814, 0.3507, 0.2260

Complementary

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



39.5814, 0.4374, 0.4891



4.4131, 0.1537, 0.0706

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.



39.5814, 0.2499, 0.1901



39.5814, 0.4374, 0.4891



39.5814, 0.1479, 0.1993

Square

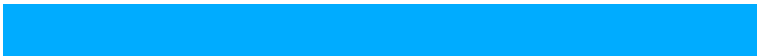
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



39.5814, 0.4374, 0.4891



39.5814, 0.1808, 0.3623



39.5814, 0.1814, 0.1798



39.5814, 0.4552, 0.2819

Rectangle

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



39.5814, 0.4374, 0.4891



39.5814, 0.2833, 0.5047



39.5814, 0.1814, 0.1798



39.5814, 0.3145, 0.2115

Sweetspot

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



39.5833, 0.4374, 0.4891



83.2368, 0.3586, 0.3947



11.0339, 0.6186, 0.3211



17.6838, 0.3654, 0.4042



95.5105, 0.3127, 0.3290



19.5994, 0.3127, 0.3290

Same Dimension

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



39.5833, 0.4374, 0.4891



70.2228, 0.4392, 0.4895



40.3301, 0.3550, 0.5543



10.9464, 0.3267, 0.3494



26.5254, 0.4386, 0.4900



1.0883, 0.4334, 0.4941

Inverse Universe

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



4.4131, 0.1537, 0.0706



7.2950, 0.1516, 0.0658



5.3513, 0.1852, 0.0809



9.3807, 0.2984, 0.3078



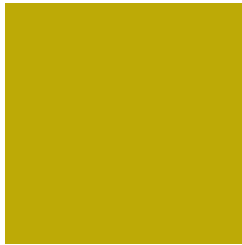
2.8557, 0.1523, 0.0683



0.1659, 0.1600, 0.0960

Previews

White Background



This preview shows how the Yxy color 39.5814, 0.4374, 0.4891 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 39.5814, 0.4374, 0.4891 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 39.5814, 0.4374, 0.4891

Background



This preview shows how black text looks on a background with the Yxy color 39.5814, 0.4374, 0.4891.

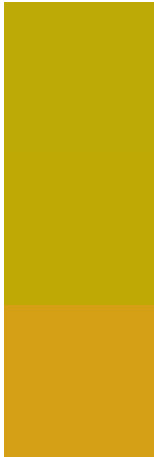


This preview shows how white text looks on a background with the Yxy color 39.5814, 0.4374, 0.4891.

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

39.5814, 0.4374, 0.4891

Protanopia

39.4633, 0.4405, 0.4869

Deuteranopia

39.3457, 0.4684, 0.4589



Tritanopia

39.4981, 0.3418, 0.3137

Trichromacy



Original Color

39.5814, 0.4374, 0.4891

Protanomaly

39.3340, 0.4395, 0.4877

Deuteranomaly

39.4257, 0.4568, 0.4706

Tritanomaly

38.5686, 0.3943, 0.3977

Monochromacy



Original Color

39.5814, 0.4374, 0.4891

Achromatopsia

33.7164, 0.3127, 0.3290

Achromatomaly

35.2350, 0.3744, 0.4164

CSS Examples

Text

The CSS property to change the color of the text to Yxy 39.5814, 0.4374, 0.4891 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(189, 170, 6)` looks like.

```
.text, #text, p{  
    color:rgb(189, 170, 6)  
}
```

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(189, 170, 6) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 170, 6) }
```

Border

The CSS property to change the border of an element to Yxy 39.5814, 0.4374, 0.4891 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(189, 170, 6) }
```

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

```
.border{ border-color:rgb(189, 170, 6) }
```

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

Here you see how a box with a 4 pixel rgb(189, 170, 6) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 170, 6); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 170, 6);  
box-shadow:4px 4px 4px 4px rgb(189, 170,  
6) }
```


Background

The CSS property to change the background color of an element to Yxy 39.5814, 0.4374, 0.4891 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 170, 6) }
```

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

```
.background{ background-color: rgb(189,  
170, 6) }
```

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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