

Converting Colors

$Yxy(39.0650, 0.4426, 0.4867)$

Have a look what the booklet for
Yxy(39.0650, 0.4426, 0.4867)
contains.

Yxy(39.0816, 0.4423, 0.4870)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(39.0816, 0.4423, 0.4870)

Conversions

Conversions Part 1

Format	Color
Hex	BFA800
RGB	191, 168, 0
RGB Percent	75%, 66%, 0%
CMY	0.2509, 0.3412, 0.9998
CMYK	0.00, 0.12, 1.00, 0.25
HSL	53°, 100%, 37%
HSV	53°, 100%, 75%
XYZ	35.4944, 39.0816, 5.6737
YIQ	155.7250, 67.6360, -47.3720

Conversions

Conversions Part 2

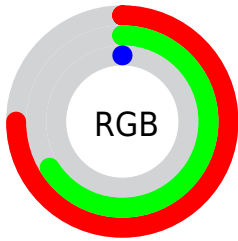
Format	Color
R_{YB}	26, 191, 0
Decimal	12560384
CIE _{Lab}	68.81, -5.50, 71.52
CIE _{LCh}	69, 71.734, 94.397
Yxy	39.0816, 0.4423, 0.4870
Android (android.graphics.Color)	4290750464 (0xFFBFA800)
YUV	155.7250, -76.7724, 30.9362
Hunter-Lab	62.5153, -8.0544, 38.3798

Details

The Yxy color **39.0816, 0.4423, 0.4870** is a dark color, and the websafe version is hex **999900**. A complement of this color would be **4.3794, 0.1524, 0.0687**, and the grayscale version is **33.4477, 0.3127, 0.3290**.

A 20% lighter version of the original color is **73.8204, 0.4245, 0.4642**, and **17.4773, 0.4430, 0.4864** is the 20% darker color. If you saturate the color by 10%, you get **39.0813, 0.4423, 0.4870**, and if you desaturate by 10%, it is **39.9893, 0.4370, 0.4849**.

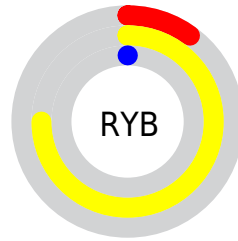
Distribution



Red (75%)

Green (66%)

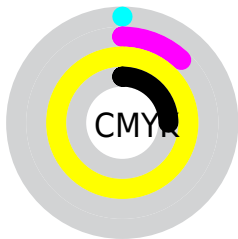
Blue (0%)



Red (10%)

Yellow (75%)

Blue (0%)

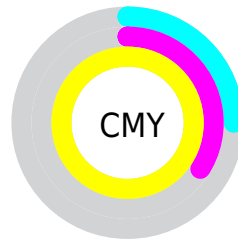


Cyan (0%)

Magenta (12%)

Yellow (100%)

Black (25%)



Cyan (25%)


Magenta (34%)


Yellow (100%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 39.0816, 0.4423, 0.4870 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 39.0816, 0.4423, 0.4870 by changing the saturation by 10% instead.


 39.0816, 0.4423,
0.4870


 39.0816, 0.4423,
0.4870


342.2373, 0.3854,
0.4144

 26.8232, 0.4516,
0.5003


 73.7630, 0.4249,
0.4637


 17.4405, 0.4601,
0.5139


 96.9547, 0.4173,
0.4540

 10.5491, 0.4697,
0.5303


 124.5597, 0.4104,
0.4453

 5.7645, 0.4657,
0.5343

 156.9624, 0.4043,
0.4376

 2.7024, 0.4594,
0.5406

 194.5471, 0.3988,
0.4308

 0.9784, 0.4476,
0.5524

 237.6982, 0.3938,

 0.0000, 0.0000,

0.4248

0.0000

286.8001, 0.3894,
0.4193

39.0816, 0.4423,
0.4870

39.0816, 0.4423,
0.4870

39.0813, 0.4423,
0.4870

39.9893, 0.4370,
0.4849

40.9568, 0.4294,
0.4790

42.0029, 0.4191,
0.4688

43.1362, 0.4064,
0.4544

44.3639, 0.3918,
0.4367

■ 45.6924, 0.3761,
0.4165

■ 47.1275, 0.3598,
0.3948

■ 48.6743, 0.3435,
0.3725

■ 50.3379, 0.3277,
0.3504

Harmonies

Analogous

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



39.0816, 0.5051, 0.4163



39.0816, 0.4423, 0.4870



39.0816, 0.3521, 0.5269

Triad

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



39.0816, 0.4423, 0.4870



39.0816, 0.1462, 0.2613



39.0816, 0.3453, 0.2228

Complementary

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



39.0816, 0.4423, 0.4870



4.3794, 0.1524, 0.0687

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.



39.0816, 0.2448, 0.1879



39.0816, 0.4423, 0.4870



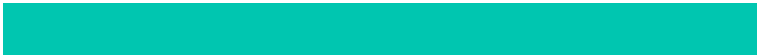
39.0816, 0.1458, 0.2002

Square

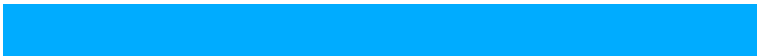
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



39.0816, 0.4423, 0.4870



39.0816, 0.1824, 0.3689



39.0816, 0.1778, 0.1789



39.0816, 0.4519, 0.2782

Rectangle

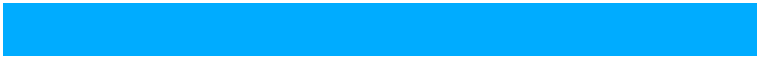
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



39.0816, 0.4423, 0.4870



39.0816, 0.2877, 0.5099



39.0816, 0.1778, 0.1789



39.0816, 0.3090, 0.2085

Sweetspot

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



39.0835, 0.4423, 0.4870



84.2425, 0.3606, 0.3959



11.1538, 0.6231, 0.3206



18.2537, 0.3676, 0.4052



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.



39.0835, 0.4423, 0.4870



69.7292, 0.4427, 0.4867



41.3402, 0.3563, 0.5553



10.9187, 0.3267, 0.3490



25.7531, 0.4420, 0.4873



1.0648, 0.4358, 0.4922

Inverse Universe

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



4.3794, 0.1524, 0.0687



7.6573, 0.1520, 0.0673



5.0688, 0.1791, 0.0760



9.4058, 0.2984, 0.3082



2.9402, 0.1528, 0.0700



0.1770, 0.1615, 0.1013

Previews

White Background



This preview shows how the Yxy color 39.0816, 0.4423, 0.4870 looks on a white background.

Color Contrast Check

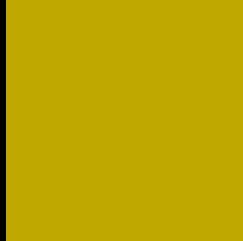
Large Text (above 18pt) WCAG AA × Fail

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 39.0816, 0.4423, 0.4870 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 39.0816, 0.4423, 0.4870

Background



This preview shows how black text looks on a background with the Yxy color 39.0816, 0.4423, 0.4870.



This preview shows how white text looks on a background with the Yxy color 39.0816, 0.4423, 0.4870.

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

39.0816, 0.4423, 0.4870

Protanopia

38.9590, 0.4409, 0.4872

Deuteranopia

38.8475, 0.4688, 0.4589



Tritanopia

39.0216, 0.3461, 0.3137

Trichromacy



Original Color

39.0816, 0.4423, 0.4870

Protanomaly

38.9568, 0.4410, 0.4874

Deuteranomaly

38.7071, 0.4596, 0.4694

Tritanomaly

38.0735, 0.4002, 0.3984

Monochromacy



Original Color

39.0816, 0.4423, 0.4870

Achromatopsia

33.2452, 0.3127, 0.3290

Achromatomaly

34.4775, 0.3781, 0.4180

CSS Examples

Text

The CSS property to change the color of the text to Yxy 39.0816, 0.4423, 0.4870 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(191, 168, 0)` looks like.

```
.text, #text, p{  
    color:rgb(191, 168, 0)  
}
```

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(191, 168, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 168, 0) }
```

Border

The CSS property to change the border of an element to Yxy 39.0816, 0.4423, 0.4870 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(191, 168, 0) }
```

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

```
.border{ border-color:rgb(191, 168, 0) }
```

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

Here you see how a box with a 4 pixel rgb(191, 168, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 168, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 168, 0);  
box-shadow:4px 4px 4px 4px rgb(191, 168,  
0) }
```


Background

The CSS property to change the background color of an element to Yxy 39.0816, 0.4423, 0.4870 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 168, 0) }
```

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

```
.background{ background-color: rgb(191,  
168, 0) }
```

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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