

Converting Colors

$Yxy(44.7047, 0.4376, 0.4851)$

Have a look what the booklet for
Yxy(44.7047, 0.4376, 0.4851)
contains.

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Color

Yxy(44.7047, 0.4376, 0.4851)

Conversions

Conversions Part 1

Format	Color
Hex	C9B313
RGB	201, 179, 19
RGB Percent	79%, 70%, 7%
CMY	0.2117, 0.2980, 0.9251
CMYK	0.00, 0.11, 0.90, 0.21
HSL	53°, 83%, 43%
HSV	53°, 90%, 79%
XYZ	40.3273, 44.7047, 7.1236
YIQ	167.3380, 64.4720, -45.0960

Conversions

Conversions Part 2

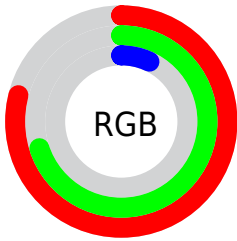
Format	Color
RYB	44, 201, 19
Decimal	13218579
CIELab	72.70, -6.60, 72.34
CIElCh	73, 72.637, 95.214
Yxy	44.7047, 0.4376, 0.4851
Android (android.graphics.Color)	4291408659 (0xFFC9B313)
YUV	167.3380, -73.1306, 29.5216
Hunter-Lab	66.8616, -9.3461, 40.4862

Details

The Yxy color **44.7047, 0.4376, 0.4851** is a dark color, and the websafe version is hex **CCCC33**. The color can be described as middle washed orange. A complement of this color would be **5.9504, 0.1583, 0.0811**, and the grayscale version is **39.1649, 0.3127, 0.3290**.

A 20% lighter version of the original color is **80.7775, 0.4165, 0.4650**, and **20.9295, 0.4387, 0.4899** is the 20% darker color. If you saturate the color by 10%, you get **43.7408, 0.4425, 0.4869**, and if you desaturate by 10%, it is **45.7907, 0.4302, 0.4796**.

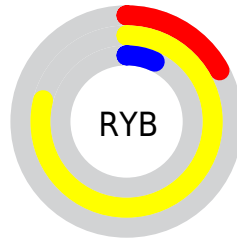
Distribution



Red (79%)

Green (70%)

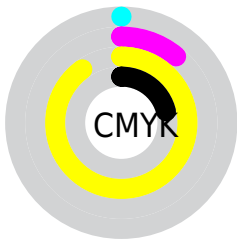
Blue (7%)



Red (17%)

Yellow (79%)

Blue (7%)

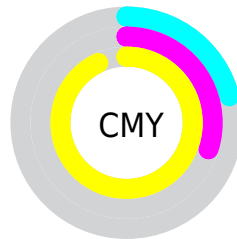


Cyan (0%)

Magenta (11%)

Yellow (90%)

Black (21%)



Cyan (21%)

Magenta (30%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 44.7047, 0.4376, 0.4851 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 44.7047, 0.4376, 0.4851 by changing the saturation by 10% instead.

44.7047, 0.4376,
0.4851

44.7047, 0.4376,
0.4851

365.5763, 0.3837,
0.4142

31.2249, 0.4465,
0.4983

82.2771, 0.4211,
0.4623

20.7702, 0.4550,
0.5122

107.1385, 0.4139,
0.4528

12.9561, 0.4658,
0.5305

136.5625, 0.4075,
0.4444

7.3983, 0.4634,
0.5366

170.9336, 0.4017,
0.4369

3.7124, 0.4571,
0.5429

210.6361, 0.3964,
0.4303

1.5140, 0.4464,
0.5536

256.0545, 0.3917,

0.2986, 0.2912,

0.4243

0.7088

307.5731, 0.3875,
0.4190

■ 0.0000, 0.0000,
0.0000

■ 44.7047, 0.4376,
0.4851

■ 44.7047, 0.4376,
0.4851

■ 43.7408, 0.4425,
0.4869

■ 45.7907, 0.4302,
0.4796

■ 46.9625, 0.4200,
0.4697

■ 48.2320, 0.4074,
0.4555

■ 49.6076, 0.3929,
0.4379

■ 51.0967, 0.3771,
0.4178

■ 52.7056, 0.3608,
0.3961

■ 54.4405, 0.3444,
0.3738

■ 56.3068, 0.3285,
0.3516

■ 58.3098, 0.3134,
0.3300

Harmonies

Analogous

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



44.7047, 0.4991, 0.4173



44.7047, 0.4376, 0.4851



44.7047, 0.3494, 0.5207

Triad

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



44.7047, 0.4376, 0.4851



44.7047, 0.1498, 0.2615



44.7047, 0.3474, 0.2268

Complementary

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



44.7047, 0.4376, 0.4851



5.9504, 0.1583, 0.0811

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.



44.7047, 0.2492, 0.1919



44.7047, 0.4376, 0.4851



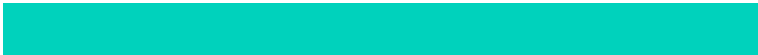
44.7047, 0.1502, 0.2027

Square

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



44.7047, 0.4376, 0.4851



44.7047, 0.1847, 0.3646



44.7047, 0.1826, 0.1825



44.7047, 0.4500, 0.2815

Rectangle

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



44.7047, 0.4376, 0.4851



44.7047, 0.2866, 0.5017



44.7047, 0.1826, 0.1825



44.7047, 0.3122, 0.2126

Sweetspot

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



44.7068, 0.4376, 0.4851



91.1320, 0.3557, 0.3892



13.0649, 0.5987, 0.3158



19.2918, 0.3614, 0.3969



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.



44.7068, 0.4376, 0.4851



74.6527, 0.4428, 0.4866



46.9180, 0.3598, 0.5465



12.1895, 0.3268, 0.3491



27.5900, 0.4421, 0.4872



1.3697, 0.4367, 0.4914

Inverse Universe

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



5.9504, 0.1583, 0.0811



8.1921, 0.1520, 0.0672



6.6557, 0.1895, 0.0864



10.4908, 0.2983, 0.3080



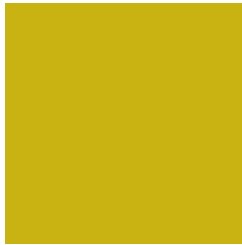
3.1428, 0.1527, 0.0698



0.2193, 0.1604, 0.0975

Previews

White Background



This preview shows how the Yxy color 44.7047, 0.4376, 0.4851 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 44.7047, 0.4376, 0.4851 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

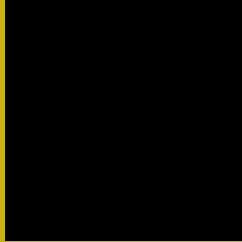
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 44.7047, 0.4376, 0.4851

Background



This preview shows how black text looks on a background with the Yxy color 44.7047, 0.4376, 0.4851.



This preview shows how white text looks on a background with the Yxy color 44.7047, 0.4376, 0.4851.

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

44.7047, 0.4376, 0.4851

Protanopia

44.7047, 0.4376, 0.4851

Deuteranopia

44.4722, 0.4673, 0.4571



Tritanopia

44.3760, 0.3433, 0.3133

Trichromacy



Original Color

44.7047, 0.4376, 0.4851

Protanomaly

44.7047, 0.4376, 0.4851

Deuteranomaly

44.5563, 0.4562, 0.4679

Tritanomaly

43.7717, 0.3915, 0.3917

Monochromacy



Original Color

44.7047, 0.4376, 0.4851

Achromatopsia

38.6429, 0.3127, 0.3290

Achromatomaly

39.9018, 0.3708, 0.4094

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.7047, 0.4376, 0.4851 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(201, 179, 19)` looks like.

```
.text, #text, p{  
    color:rgb(201, 179, 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(201, 179, 19) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 179, 19) }
```

Border

The CSS property to change the border of an element to Yxy 44.7047, 0.4376, 0.4851 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(201, 179, 19) }
```

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

```
.border{ border-color:rgb(201, 179, 19) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 179, 19)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 179, 19); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 179, 19);  
box-shadow:4px 4px 4px 4px rgb(201, 179,  
19) }
```


Background

The CSS property to change the background color of an element to Yxy 44.7047, 0.4376, 0.4851 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 179, 19) }
```

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

```
.background{ background-color: rgb(201,  
179, 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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