

Converting Colors

$Yxy(44.7749, 0.4187, 0.4950)$

Have a look what the booklet for
Yxy(44.7749, 0.4187, 0.4950)
contains.

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Color

Yxy(44.6470, 0.4195, 0.4943)

Conversions

Conversions Part 1

Format	Color
Hex	BCB71D
RGB	188, 183, 29
RGB Percent	74%, 72%, 11%
CMY	0.2628, 0.2823, 0.8861
CMYK	0.00, 0.03, 0.85, 0.26
HSL	58°, 73%, 43%
HSV	58°, 85%, 74%
XYZ	37.8908, 44.6470, 7.7859
YIQ	166.9390, 52.4140, -46.8340

Conversions

Conversions Part 2

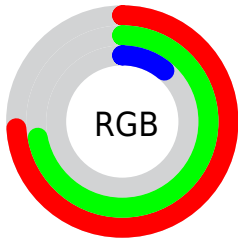
Format	Color
RYB	34, 188, 29
Decimal	12367645
CIELab	72.66, -14.16, 69.85
CIELCh	73, 71.268, 101.461
Yxy	44.6470, 0.4195, 0.4943
Android (android.graphics.Color)	4290557725 (0xFFBCB71D)
YUV	166.9390, -68.0039, 18.4705
Hunter-Lab	66.8184, -15.7100, 39.8642

Details

The Yxy color **44.6470, 0.4195, 0.4943** is a dark color, and the websafe version is hex **CCCC33**. A complement of this color would be **5.0370, 0.1607, 0.0797**, and the grayscale version is **38.9334, 0.3127, 0.3290**.

A 20% lighter version of the original color is **82.4448, 0.4062, 0.4686**, and **20.7111, 0.4193, 0.5053** is the 20% darker color. If you saturate the color by 10%, you get **44.3407, 0.4234, 0.4992**, and if you desaturate by 10%, it is **45.0152, 0.4130, 0.4852**.

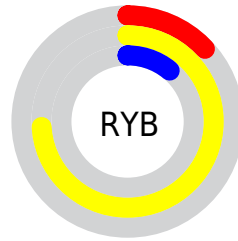
Distribution



Red (74%)

Green (72%)

Blue (11%)



Red (13%)

Yellow (74%)

Blue (11%)

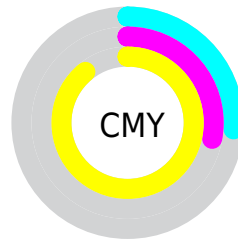


Cyan (0%)

Magenta (3%)

Yellow (85%)

Black (26%)



Cyan (26%)

Magenta (28%)

Yellow (89%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 44.6470, 0.4195, 0.4943 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 44.6470, 0.4195, 0.4943 by changing the saturation by 10% instead.

 44.6470, 0.4195,
0.4943


 44.6470, 0.4195,
0.4943


365.3420, 0.3742,
0.4163


 31.1795, 0.4266,
0.5101


 82.1904, 0.4059,
0.4683


 20.7356, 0.4328,
0.5276


 107.0351, 0.3999,
0.4577

 12.9308, 0.4394,
0.5496

 136.4410, 0.3945,
0.4485

 7.3809, 0.4352,
0.5648

 170.7925, 0.3895,
0.4404

 3.7015, 0.4213,
0.5787

 210.4739, 0.3851,
0.4333

 1.5080, 0.3975,
0.6025

 255.8697, 0.3811,

 0.2944, 0.0000,

0.4269

1.0000

307.3643, 0.3775,
0.4213

■ 0.0000, 0.0000,
0.0000

■ 44.6470, 0.4195,
0.4943

■ 44.6470, 0.4195,
0.4943

■ 44.3407, 0.4234,
0.4992

■ 45.0152, 0.4130,
0.4852

■ 44.1867, 0.4249,
0.5009

■ 45.4479, 0.4039,
0.4717

■ 45.9548, 0.3926,
0.4545

■ 46.5422, 0.3793,
0.4341

■ 47.2158, 0.3648,
0.4115

■ 47.9808, 0.3497,
0.3877

■ 48.8420, 0.3344,
0.3635

■ 49.8039, 0.3193,
0.3396

■ 50.8706, 0.3050,
0.3166

Harmonies

Analogous

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



44.6470, 0.4872, 0.4312



44.6470, 0.4195, 0.4943



44.6470, 0.3299, 0.5155

Triad

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



44.6470, 0.4195, 0.4943



44.6470, 0.1496, 0.2472



44.6470, 0.3690, 0.2382

Complementary

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



44.6470, 0.4195, 0.4943



5.0370, 0.1607, 0.0797

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.



44.6470, 0.2683, 0.1991



44.6470, 0.4195, 0.4943



44.6470, 0.1565, 0.1978

Square

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



44.6470, 0.4195, 0.4943



44.6470, 0.1765, 0.3402



44.6470, 0.1953, 0.1843



44.6470, 0.4645, 0.2953

Rectangle

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



44.6470, 0.4195, 0.4943



44.6470, 0.2688, 0.4838



44.6470, 0.1953, 0.1843



44.6470, 0.3338, 0.2228

Sweetspot

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



44.6491, 0.4195, 0.4943



86.8542, 0.3510, 0.3898



11.6874, 0.5993, 0.3263



18.5698, 0.3564, 0.3982



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.



44.6491, 0.4195, 0.4943



80.0315, 0.4250, 0.5008



39.6108, 0.3478, 0.5485



11.0680, 0.3265, 0.3510



30.1138, 0.4248, 0.5009



1.1957, 0.4234, 0.5020

Inverse Universe

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



5.0370, 0.1607, 0.0797



6.7464, 0.1504, 0.0614



7.4076, 0.2139, 0.1047



9.2719, 0.2984, 0.3060



2.5793, 0.1507, 0.0623



0.1176, 0.1532, 0.0713

Previews

White Background



This preview shows how the Yxy color 44.6470, 0.4195, 0.4943 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 44.6470, 0.4195, 0.4943 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 44.6470, 0.4195, 0.4943

Background



This preview shows how black text looks on a background with the Yxy color 44.6470, 0.4195, 0.4943.



This preview shows how white text looks on a background with the Yxy color 44.6470, 0.4195, 0.4943.

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

44.6470, 0.4195, 0.4943

Protanopia

44.7415, 0.4357, 0.4823

Deuteranopia

44.3632, 0.4637, 0.4543



Tritanopia

44.4895, 0.3280, 0.3115

Trichromacy



Original Color

44.6470, 0.4195, 0.4943

Protanomaly

44.4621, 0.4301, 0.4866

Deuteranomaly

44.2423, 0.4479, 0.4684

Tritanomaly

43.9542, 0.3728, 0.3902

Monochromacy



Original Color

44.6470, 0.4195, 0.4943

Achromatopsia

38.6429, 0.3127, 0.3290

Achromatomaly

40.2855, 0.3626, 0.4076

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.6470, 0.4195, 0.4943 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(188, 183, 29)` looks like.

```
.text, #text, p{  
    color:rgb(188, 183, 29)  
}
```

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(188, 183, 29) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 183, 29) }
```

Border

The CSS property to change the border of an element to Yxy 44.6470, 0.4195, 0.4943 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(188, 183, 29) }
```

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

```
.border{ border-color:rgb(188, 183, 29) }
```

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

Here you see how a box with a 4 pixel `rgb(188, 183, 29)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 183, 29); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 183, 29);  
box-shadow:4px 4px 4px 4px rgb(188, 183,  
29) }
```


Background

The CSS property to change the background color of an element to Yxy 44.6470, 0.4195, 0.4943 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 183, 29) }
```

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

```
.background{ background-color: rgb(188,  
183, 29) }
```

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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