

Converting Colors

$Yxy(50.3867, 0.4395, 0.4892)$

Have a look what the booklet for
Yxy(50.3867, 0.4395, 0.4892)
contains.

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Color

Yxy(50.3922, 0.4399, 0.4889)

Conversions

Conversions Part 1

Format	Color
Hex	D4BD00
RGB	212, 189, 0
RGB Percent	83%, 74%, 0%
CMY	0.1688, 0.2588, 0.9997
CMYK	0.00, 0.11, 1.00, 0.17
HSL	54°, 100%, 42%
HSV	54°, 100%, 83%
XYZ	45.3416, 50.3922, 7.3388
YIQ	174.3310, 74.3770, -53.9030

Conversions

Conversions Part 2

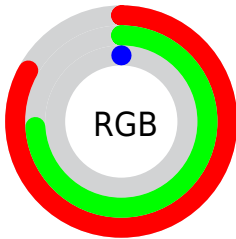
Format	Color
R _Y B	26, 212, 0
Decimal	13942016
CIE Lab	76.31, -7.20, 77.76
CIE LCh	76, 78.095, 95.293
Yxy	50.3922, 0.4399, 0.4889
Android (android.graphics.Color)	4292132096 (0xFFD4BD00)
YUV	174.3310, -85.9452, 33.0357
Hunter-Lab	70.9875, -10.2152, 43.5618

Details

The Yxy color **50.3922, 0.4399, 0.4889** is a dark color, and the websafe version is hex **CCCC00**. The color can be described as middle washed orange. A complement of this color would be **5.3662, 0.1519, 0.0669**, and the grayscale version is **42.9338, 0.3127, 0.3290**.

A 20% lighter version of the original color is **87.1740, 0.4112, 0.4753**, and **24.3806, 0.4400, 0.4889** is the 20% darker color. If you saturate the color by 10%, you get **50.3904, 0.4399, 0.4889**, and if you desaturate by 10%, it is **51.4452, 0.4352, 0.4869**.

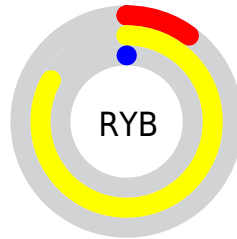
Distribution



Red (83%)

Green (74%)

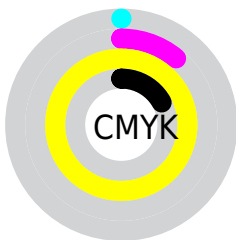
Blue (0%)



Red (10%)

Yellow (83%)

Blue (0%)

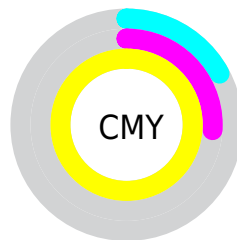


Cyan (0%)

Magenta (11%)

Yellow (100%)

Black (17%)



Cyan (17%)


Magenta (26%)


Yellow (100%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 50.3922, 0.4399, 0.4889 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 50.3922, 0.4399, 0.4889 by changing the saturation by 10% instead.


 50.3922, 0.4399,
0.4889

 50.3922, 0.4399,
0.4889


388.1977, 0.3871,
0.4186

 35.7251, 0.4481,
0.5014


 90.7557, 0.4242,
0.4669


 24.2220, 0.4558,
0.5144

 117.2209, 0.4172,
0.4575

 15.4984, 0.4646,
0.5304


 148.3877, 0.4109,
0.4491

 9.1699, 0.4630,
0.5370

 184.6403, 0.4051,
0.4416

 4.8522, 0.4572,
0.5428

 226.3632, 0.3999,
0.4349

 2.1608, 0.4477,
0.5523

 273.9408, 0.3952,

 0.6985, 0.4113,

0.4289

0.5887

327.7575, 0.3909,
0.4235

■ 0.0000, 0.0000,
0.0000

■ 50.3922, 0.4399,
0.4889

■ 50.3922, 0.4399,
0.4889

■ 50.3904, 0.4399,
0.4889

■ 51.4452, 0.4352,
0.4869

■ 52.5719, 0.4281,
0.4812

■ 53.7948, 0.4182,
0.4709

■ 55.1250, 0.4059,
0.4565

■ 56.5720, 0.3916,
0.4385

■ 58.1440, 0.3760,
0.4181

■ 59.8484, 0.3598,
0.3960

■ 61.6919, 0.3436,
0.3734

■ 63.6809, 0.3277,
0.3508

Harmonies

Analogous

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



50.3922, 0.5039, 0.4185



50.3922, 0.4399, 0.4889



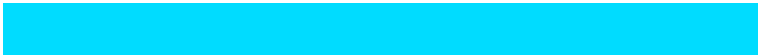
50.3922, 0.3492, 0.5271

Triad

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



50.3922, 0.4399, 0.4889



50.3922, 0.1456, 0.2587



50.3922, 0.3486, 0.2242

Complementary

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



50.3922, 0.4399, 0.4889



5.3662, 0.1519, 0.0669

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.



50.3922, 0.2474, 0.1886



50.3922, 0.4399, 0.4889



50.3922, 0.1463, 0.1990

Square

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



50.3922, 0.4399, 0.4889



50.3922, 0.1808, 0.3652



50.3922, 0.1793, 0.1787



50.3922, 0.4547, 0.2800

Rectangle

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



50.3922, 0.4399, 0.4889



50.3922, 0.2849, 0.5081



50.3922, 0.1793, 0.1787



50.3922, 0.3122, 0.2097

Sweetspot

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



50.3946, 0.4399, 0.4889



90.8419, 0.3604, 0.3968



14.0629, 0.6270, 0.3228



19.2030, 0.3673, 0.4064



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.



50.3946, 0.4399, 0.4889



76.4084, 0.4401, 0.4887



51.8739, 0.3532, 0.5577



14.2795, 0.3269, 0.3496



31.2104, 0.4396, 0.4892



1.9497, 0.4356, 0.4923

Inverse Universe

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



5.3662, 0.1519, 0.0669



8.0324, 0.1517, 0.0660



6.5164, 0.1810, 0.0771



12.2230, 0.2981, 0.3075



3.3837, 0.1523, 0.0681



0.2789, 0.1582, 0.0894

Previews

White Background



This preview shows how the Yxy color 50.3922, 0.4399, 0.4889 looks on a white background.

Color Contrast Check

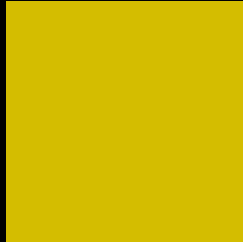
Large Text (above 18pt) WCAG AA × Fail

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 50.3922, 0.4399, 0.4889 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 50.3922, 0.4399, 0.4889

Background



This preview shows how black text looks on a background with the Yxy color 50.3922, 0.4399, 0.4889.



This preview shows how white text looks on a background with the Yxy color 50.3922, 0.4399, 0.4889.

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

50.3922, 0.4399, 0.4889

Protanopia

50.5413, 0.4408, 0.4882

Deuteranopia

50.4833, 0.4689, 0.4593



Tritanopia

50.4128, 0.3435, 0.3141

Trichromacy



Original Color

50.3922, 0.4399, 0.4889

Protanomaly

50.5413, 0.4408, 0.4882

Deuteranomaly

50.5595, 0.4589, 0.4703

Tritanomaly

49.4639, 0.3984, 0.4011

Monochromacy



Original Color

50.3922, 0.4399, 0.4889

Achromatopsia

42.3268, 0.3127, 0.3290

Achromatomaly

44.0793, 0.3774, 0.4188

CSS Examples

Text

The CSS property to change the color of the text to Yxy 50.3922, 0.4399, 0.4889 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(212, 189, 0)` looks like.

```
.text, #text, p{  
    color:rgb(212, 189, 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(212, 189, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 189, 0) }
```

Border

The CSS property to change the border of an element to Yxy 50.3922, 0.4399, 0.4889 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(212, 189, 0) }
```

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

```
.border{ border-color:rgb(212, 189, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 189, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 189, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 189, 0);  
box-shadow:4px 4px 4px 4px rgb(212, 189,  
0) }
```


Background

The CSS property to change the background color of an element to Yxy 50.3922, 0.4399, 0.4889 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 189, 0) }
```

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

```
.background{ background-color: rgb(212,  
189, 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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