

Converting Colors

$Yxy(39.5411, 0.4728, 0.4628)$

Have a look what the booklet for
Yxy(39.5411, 0.4728, 0.4628)
contains.

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Color

Yxy(39.4378, 0.4729, 0.4627)

Conversions

Conversions Part 1

Format	Color
Hex	D6A000
RGB	214, 160, 0
RGB Percent	84%, 63%, 0%
CMY	0.1607, 0.3726, 0.9998
CMYK	0.00, 0.25, 1.00, 0.16
HSL	45°, 100%, 42%
HSV	45°, 100%, 84%
XYZ	40.3072, 39.4378, 5.4891
YIQ	157.9060, 83.5440, -38.3120

Conversions

Conversions Part 2

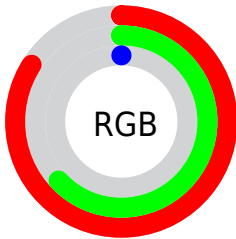
Format	Color
RYB	72, 214, 0
Decimal	14065664
CIELab	69.07, 8.98, 72.78
CIElCh	69, 73.337, 82.965
Yxy	39.4378, 0.4729, 0.4627
Android (android.graphics.Color)	4292255744 (0xFFD6A000)
YUV	157.9060, -77.8477, 49.1944
Hunter-Lab	62.7995, 4.6691, 38.7773

Details

The Yxy color **39.4378, 0.4729, 0.4627** is a dark color, and the websafe version is hex **CC9900**. The color can be described as dark washed orange. A complement of this color would be **7.5024, 0.1578, 0.0879**, and the grayscale version is **34.4834, 0.3127, 0.3290**.

A 20% lighter version of the original color is **69.8749, 0.4344, 0.4559**, and **17.8073, 0.4813, 0.4560** is the 20% darker color. If you saturate the color by 10%, you get **39.4346, 0.4729, 0.4627**, and if you desaturate by 10%, it is **41.4100, 0.4634, 0.4634**.

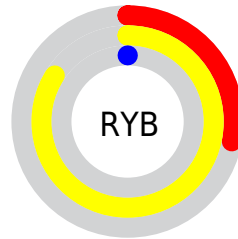
Distribution



Red (84%)

Green (63%)

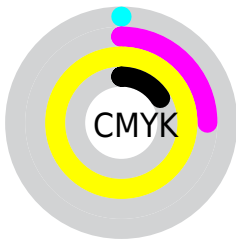
Blue (0%)



Red (28%)

Yellow (84%)

Blue (0%)

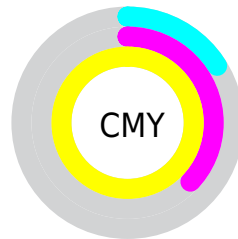


Cyan (0%)

Magenta (25%)

Yellow (100%)

Black (16%)



Cyan (16%)


Magenta (37%)


Yellow (100%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 39.4378, 0.4729, 0.4627 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 39.4378, 0.4729, 0.4627 by changing the saturation by 10% instead.


 39.4378, 0.4729,
0.4627


 39.4378, 0.4729,
0.4627


343.7483, 0.4002,
0.4064

 27.1005, 0.4860,
0.4710


 74.3067, 0.4498,
0.4462

 17.6487, 0.4995,
0.4781


 97.6070, 0.4401,
0.4387


 10.6981, 0.5152,
0.4848


 125.3304, 0.4314,
0.4319

 5.8642, 0.5212,
0.4788

 157.8614, 0.4237,
0.4257

 2.7627, 0.5306,
0.4694

 195.5842, 0.4168,
0.4202

 1.0091, 0.5471,
0.4529

 238.8834, 0.4107,


 0.0000, 1.0000,


0.4151


0.0000


 288.1433, 0.4052,
0.4105

 0.0000, 0.0000,
0.0000

 39.4378, 0.4729,
0.4627


 39.4378, 0.4729,
0.4627


 39.4346, 0.4729,
0.4627

 41.4100, 0.4634,
0.4634

 43.5246, 0.4511,
0.4599

 45.8047, 0.4361,
0.4515

 48.2629, 0.4189,
0.4390

 50.9096, 0.4004,
0.4232

■ 53.7540, 0.3815,
0.4052

■ 56.8046, 0.3628,
0.3861

■ 60.0693, 0.3449,
0.3666

■ 63.5552, 0.3281,
0.3474

Harmonies

Analogous

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



39.4378, 0.5196, 0.3886



39.4378, 0.4729, 0.4627



39.4378, 0.3888, 0.5219

Triad

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



39.4378, 0.4729, 0.4627



39.4378, 0.1529, 0.2963



39.4378, 0.3037, 0.2049

Complementary

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



39.4378, 0.4729, 0.4627



7.5024, 0.1578, 0.0879

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.



39.4378, 0.2133, 0.1791



39.4378, 0.4729, 0.4627



39.4378, 0.1397, 0.2160

Square

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



39.4378, 0.4729, 0.4627



39.4378, 0.2047, 0.4184



39.4378, 0.1596, 0.1808



39.4378, 0.4155, 0.2540

Rectangle

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



39.4378, 0.4729, 0.4627



39.4378, 0.3240, 0.5291



39.4378, 0.1596, 0.1808



39.4378, 0.2698, 0.1935

Sweetspot

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



39.4398, 0.4729, 0.4627



84.3038, 0.3634, 0.3867



14.5970, 0.5899, 0.3023



17.6238, 0.3713, 0.3949



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.



39.4398, 0.4729, 0.4627



58.3537, 0.4735, 0.4622



56.0064, 0.3782, 0.5379



13.9642, 0.3273, 0.3463



24.0043, 0.4719, 0.4635



1.5761, 0.4609, 0.4722

Inverse Universe

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



7.5024, 0.1578, 0.0879



10.9304, 0.1573, 0.0864



5.5350, 0.1621, 0.0667



12.5132, 0.2982, 0.3111



4.6724, 0.1584, 0.0902



0.4151, 0.1678, 0.1240

Previews

White Background



This preview shows how the Yxy color 39.4378, 0.4729, 0.4627 looks on a white background.

Color Contrast Check

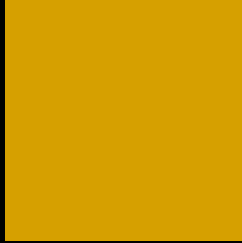
Large Text (above 18pt) WCAG AA × Fail

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 39.4378, 0.4729, 0.4627 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 39.4378, 0.4729, 0.4627

Background



This preview shows how black text looks on a background with the Yxy color 39.4378, 0.4729, 0.4627.



This preview shows how white text looks on a background with the Yxy color 39.4378, 0.4729, 0.4627.

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

39.4378, 0.4729, 0.4627

Protanopia

39.4788, 0.4396, 0.4856

Deuteranopia

39.4378, 0.4729, 0.4627



Tritanopia

39.5626, 0.3772, 0.3160

Trichromacy



Original Color

39.4378, 0.4729, 0.4627

Protanomaly

39.4321, 0.4511, 0.4777

Deuteranomaly

39.4378, 0.4729, 0.4627

Tritanomaly

38.8018, 0.4318, 0.3896

Monochromacy



Original Color

39.4378, 0.4729, 0.4627

Achromatopsia

34.1914, 0.3127, 0.3290

Achromatomaly

35.2008, 0.3865, 0.4109

CSS Examples

Text

The CSS property to change the color of the text to Yxy 39.4378, 0.4729, 0.4627 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(214, 160, 0)` looks like.

```
.text, #text, p{  
    color:rgb(214, 160, 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(214, 160, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 160, 0) }
```

Border

The CSS property to change the border of an element to Yxy 39.4378, 0.4729, 0.4627 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(214, 160, 0) }
```

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

```
.border{ border-color:rgb(214, 160, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 160, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 160, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 160, 0);  
box-shadow:4px 4px 4px 4px rgb(214, 160,  
0) }
```


Background

The CSS property to change the background color of an element to Yxy 39.4378, 0.4729, 0.4627 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 160, 0) }
```

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

```
.background{ background-color: rgb(214,  
160, 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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