

Converting Colors

$Yxy(28.0373, 0.4399, 0.4889)$

Have a look what the booklet for
Yxy(28.0373, 0.4399, 0.4889)
contains.

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Color

Yxy(28.0373, 0.4399, 0.4889)

Conversions

Conversions Part 1

Format	Color
Hex	A39100
RGB	163, 145, 0
RGB Percent	64%, 57%, 0%
CMY	0.3609, 0.4313, 0.9998
CMYK	0.00, 0.11, 1.00, 0.36
HSL	53°, 100%, 32%
HSV	53°, 100%, 64%
XYZ	25.2273, 28.0373, 4.0832
YIQ	133.8520, 57.2730, -41.2790

Conversions

Conversions Part 2

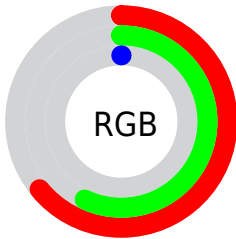
Format	Color
R _Y B	20, 163, 0
Decimal	10719488
CIE Lab	59.92, -5.92, 63.96
CIE LCh	60, 64.231, 95.293
Yxy	28.0373, 0.4399, 0.4889
Android (android.graphics.Color)	4288909568 (0xFFA39100)
YUV	133.8520, -65.9890, 25.5628
Hunter-Lab	52.9503, -7.6196, 32.4931

Details

The Yxy color **28.0373, 0.4399, 0.4889** is a dark color, and the websafe version is hex **999900**. A complement of this color would be **3.0773, 0.1524, 0.0687**, and the grayscale version is **24.0164, 0.3127, 0.3290**.

A 20% lighter version of the original color is **56.3727, 0.4219, 0.4622**, and **11.3102, 0.4394, 0.4893** is the 20% darker color. If you saturate the color by 10%, you get **28.0369, 0.4399, 0.4889**, and if you desaturate by 10%, it is **28.6308, 0.4346, 0.4860**.

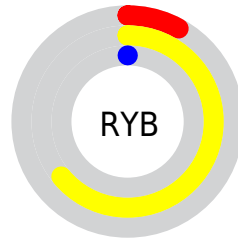
Distribution



Red (64%)

Green (57%)

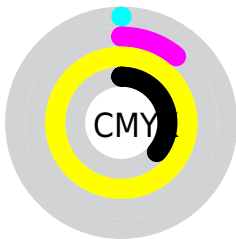
Blue (0%)



Red (8%)

Yellow (64%)

Blue (0%)

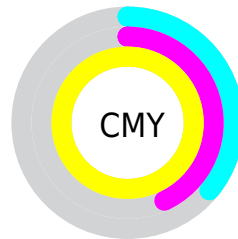


Cyan (0%)

Magenta (11%)

Yellow (100%)

Black (36%)



Cyan (36%)


Magenta (43%)

Yellow (100%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 28.0373, 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 28.0373, 0.4399, 0.4889 by changing the saturation by 10% instead.


 28.0373, 0.4399,
0.4889


 28.0373, 0.4399,
0.4889


292.6451, 0.3805,
0.4104

 18.3538, 0.4499,
0.5042


 56.5440, 0.4211,
0.4627


 11.2043, 0.4612,
0.5229


 76.1359, 0.4131,
0.4519


 6.2044, 0.4646,
0.5354

 99.7995, 0.4059,
0.4426

 2.9698, 0.4581,
0.5419

 127.9191, 0.3995,
0.4344

 1.1160, 0.4466,
0.5534

 160.8790, 0.3939,
0.4273


 0.0000, 0.0000,
0.0000

 199.0637, 0.3889,


0.4210


 242.8576, 0.3844,
0.4154


 28.0373, 0.4399,
0.4889


 28.0373, 0.4399,
0.4889


 28.0369, 0.4399,
0.4889

 28.6308, 0.4346,
0.4860

 29.2628, 0.4271,
0.4797

 29.9476, 0.4170,
0.4690

 30.6910, 0.4046,
0.4544

 31.4978, 0.3903,
0.4366

■ 32.3722, 0.3749,
0.4164

■ 33.3183, 0.3590,
0.3947

■ 34.3395, 0.3430,
0.3725

■ 35.4391, 0.3275,
0.3504

Harmonies

Analogous

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



28.0373, 0.5039, 0.4185



28.0373, 0.4399, 0.4889



28.0373, 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.



28.0373, 0.4399, 0.4889



28.0373, 0.1456, 0.2587



28.0373, 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.



28.0373, 0.4399, 0.4889



3.0773, 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.



28.0373, 0.2474, 0.1886



28.0373, 0.4399, 0.4889



28.0373, 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.



28.0373, 0.4399, 0.4889



28.0373, 0.1808, 0.3652



28.0373, 0.1793, 0.1787



28.0373, 0.4547, 0.2800

Rectangle

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



28.0373, 0.4399, 0.4889



28.0373, 0.2849, 0.5081



28.0373, 0.1793, 0.1787



28.0373, 0.3122, 0.2097

Sweetspot

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



28.0386, 0.4399, 0.4889



59.5816, 0.3599, 0.3960



7.8329, 0.6242, 0.3213



13.2261, 0.3664, 0.4048



82.7571, 0.3127, 0.3290



14.7319, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



28.0386, 0.4399, 0.4889



50.0414, 0.4403, 0.4886



28.9277, 0.3543, 0.5568



8.1032, 0.3264, 0.3488



21.8357, 0.4397, 0.4891



0.4942, 0.4314, 0.4956

Inverse Universe

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



3.0773, 0.1524, 0.0687



5.3625, 0.1520, 0.0671



3.6853, 0.1828, 0.0781



6.9799, 0.2987, 0.3084



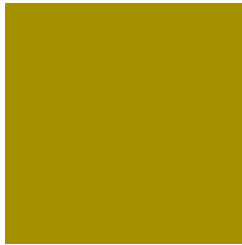
2.4267, 0.1527, 0.0696



0.0859, 0.1635, 0.1086

Previews

White Background



This preview shows how the Yxy color 28.0373, 0.4399, 0.4889 looks on a white background.

Color Contrast Check

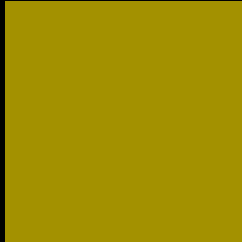
Large Text (above 18pt) WCAG AA ✓ Pass

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 28.0373, 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 × Fail

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

Yxy 28.0373, 0.4399, 0.4889

Background



This preview shows how black text looks on a background with the Yxy color 28.0373, 0.4399, 0.4889.



This preview shows how white text looks on a background with the Yxy color 28.0373, 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

28.0373, 0.4399, 0.4889

Protanopia

28.0373, 0.4399, 0.4889

Deuteranopia

28.0023, 0.4681, 0.4586



Tritanopia

28.0302, 0.3428, 0.3143

Trichromacy



Original Color

28.0373, 0.4399, 0.4889

Protanomaly

28.0373, 0.4399, 0.4889

Deuteranomaly

28.0104, 0.4585, 0.4697

Tritanomaly

27.5628, 0.3965, 0.4001

Monochromacy



Original Color

28.0373, 0.4399, 0.4889

Achromatopsia

23.8398, 0.3127, 0.3290

Achromatomaly

24.8526, 0.3768, 0.4179

CSS Examples

Text

The CSS property to change the color of the text to Yxy 28.0373, 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(163, 145, 0)` looks like.

```
.text, #text, p{  
    color:rgb(163, 145, 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(163, 145, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 145, 0) }
```

Border

The CSS property to change the border of an element to Yxy 28.0373, 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(163, 145, 0) }
```

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

```
.border{ border-color:rgb(163, 145, 0) }
```

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

Here you see how a box with a 4 pixel rgb(163, 145, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(163, 145, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(163, 145, 0);  
box-shadow:4px 4px 4px 4px rgb(163, 145,  
0) }
```


Background

The CSS property to change the background color of an element to Yxy 28.0373, 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(163, 145, 0) }
```

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

```
.background{ background-color: rgb(163,  
145, 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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