

Converting Colors

$Y_{xy}(28.0100, 0.4239, 0.4882)$

Have a look what the booklet for
Yxy(28.0100, 0.4239, 0.4882)
contains.

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Color

$\text{Yxy}(28.0055, 0.4239, 0.4882)$

Conversions

Conversions Part 1

Format	Color
Hex	9C9319
RGB	156, 147, 25
RGB Percent	61%, 58%, 10%
CMY	0.3883, 0.4235, 0.9020
CMYK	0.00, 0.06, 0.84, 0.39
HSL	56°, 72%, 35%
HSV	56°, 84%, 61%
XYZ	24.3169, 28.0055, 5.0424
YIQ	135.7830, 44.5260, -36.0340

Conversions

Conversions Part 2

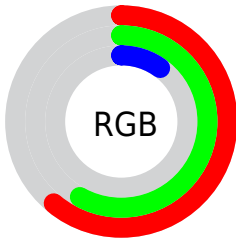
Format	Color
RYB	35, 156, 25
Decimal	10261273
CIELab	59.89, -9.71, 59.03
CIELCh	60, 59.824, 99.344
Yxy	28.0055, 0.4239, 0.4882
Android (android.graphics.Color)	4288451353 (0xFF9C9319)
YUV	135.7830, -54.6160, 17.7303
Hunter-Lab	52.9202, -10.5893, 31.3949

Details

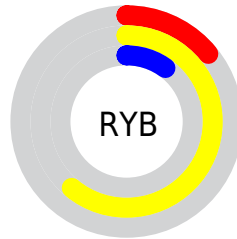
The Yxy color **28.0055, 0.4239, 0.4882** is a dark color, and the websafe version is hex **999900**. A complement of this color would be **3.7478, 0.1639, 0.0881**, and the grayscale version is **24.7301, 0.3127, 0.3290**.

A 20% lighter version of the original color is **56.6940, 0.4068, 0.4596**, and **11.3161, 0.4260, 0.5000** is the 20% darker color. If you saturate the color by 10%, you get **27.6265, 0.4292, 0.4934**, and if you desaturate by 10%, it is **28.4278, 0.4160, 0.4788**.

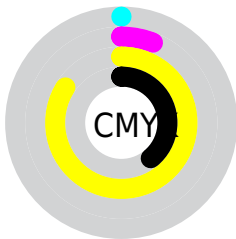
Distribution



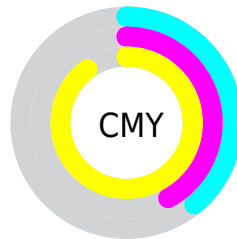
- Red (61%)
- Green (58%)
- Blue (10%)



- Red (14%)
- Yellow (61%)
- Blue (10%)



- Cyan (0%)
- Magenta (6%)
- Yellow (84%)
- Black (39%)





- Cyan (39%)
- Magenta (42%)
- Yellow (90%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 28.0055, 0.4239, 0.4882 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 28.0055, 0.4239, 0.4882 by changing the saturation by 10% instead.


 28.0055, 0.4239,
0.4882


 28.0055, 0.4239,
0.4882


292.4932, 0.3714,
0.4071


 18.3298, 0.4331,
0.5058


 56.4932, 0.4070,
0.4599


 11.1870, 0.4419,
0.5260


 76.0740, 0.3999,
0.4487

 6.1928, 0.4497,
0.5503

 99.7254, 0.3936,
0.4392

 2.9627, 0.4390,
0.5610

 127.8316, 0.3880,
0.4309

 1.1123, 0.4195,
0.5805

 160.7771, 0.3831,
0.4238

 0.0000, 0.0000,
0.0000

 198.9462, 0.3787,

0.4175

242.7235, 0.3748,
0.4120

■ 28.0055, 0.4239,
0.4882

■ 28.0055, 0.4239,
0.4882

■ 27.6265, 0.4292,
0.4934

■ 28.4278, 0.4160,
0.4788

■ 27.4084, 0.4316,
0.4955

■ 28.8949, 0.4057,
0.4653

■ 29.4127, 0.3933,
0.4481

■ 29.9852, 0.3792,
0.4282

■ 30.6160, 0.3642,
0.4063

■ 31.3083, 0.3487,
0.3835

■ 32.0653, 0.3334,
0.3604

■ 32.8896, 0.3185,
0.3378

■ 33.7839, 0.3043,
0.3161

Harmonies

Analogous

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



28.0055, 0.4878, 0.4254



28.0055, 0.4239, 0.4882



28.0055, 0.3366, 0.5126

Triad

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



28.0055, 0.4239, 0.4882



28.0055, 0.1528, 0.2539



28.0055, 0.3608, 0.2363

Complementary

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



28.0055, 0.4239, 0.4882



3.7478, 0.1639, 0.0881

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.



28.0055, 0.2631, 0.1992



28.0055, 0.4239, 0.4882



28.0055, 0.1573, 0.2021

Square

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



28.0055, 0.4239, 0.4882



28.0055, 0.1821, 0.3481



28.0055, 0.1934, 0.1864



28.0055, 0.4562, 0.2918

Rectangle

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



28.0055, 0.4239, 0.4882



28.0055, 0.2761, 0.4855



28.0055, 0.1934, 0.1864



28.0055, 0.3263, 0.2215

Sweetspot

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



28.0068, 0.4239, 0.4882



56.6808, 0.3511, 0.3870



7.8876, 0.5822, 0.3195



12.3808, 0.3561, 0.3944



78.7412, 0.3127, 0.3290



13.2868, 0.3127, 0.3290

Same Dimension

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



28.0068, 0.4239, 0.4882



49.6755, 0.4319, 0.4953



26.6313, 0.3548, 0.5408



7.6425, 0.3262, 0.3496



22.6018, 0.4316, 0.4955



0.4250, 0.4262, 0.4998

Inverse Universe

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



3.7478, 0.1639, 0.0881



4.6730, 0.1511, 0.0639



4.7809, 0.2079, 0.1033



6.5046, 0.2987, 0.3075



2.1895, 0.1516, 0.0657



0.0581, 0.1591, 0.0927

Previews

White Background



This preview shows how the Yxy color 28.0055, 0.4239, 0.4882 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 28.0055, 0.4239, 0.4882 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

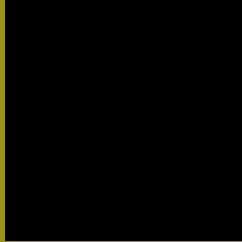
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 28.0055, 0.4239, 0.4882

Background



This preview shows how black text looks on a background with the Yxy color 28.0055, 0.4239, 0.4882.



This preview shows how white text looks on a background with the Yxy color 28.0055, 0.4239, 0.4882.

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

28.0055, 0.4239, 0.4882

Protanopia

28.1033, 0.4345, 0.4808

Deuteranopia

27.9353, 0.4624, 0.4534



Tritanopia

27.9972, 0.3334, 0.3140

Trichromacy



Original Color

28.0055, 0.4239, 0.4882

Protanomaly

28.0973, 0.4299, 0.4843

Deuteranomaly

28.0227, 0.4485, 0.4659

Tritanomaly

27.7104, 0.3767, 0.3884

Monochromacy



Original Color

28.0055, 0.4239, 0.4882

Achromatopsia

24.6201, 0.3127, 0.3290

Achromatomaly

25.4403, 0.3620, 0.4036

CSS Examples

Text

The CSS property to change the color of the text to Yxy 28.0055, 0.4239, 0.4882 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(156, 147, 25)` looks like.

```
.text, #text, p{  
    color:rgb(156, 147, 25)  
}
```

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(156, 147, 25) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 147, 25) }
```

Border

The CSS property to change the border of an element to Yxy 28.0055, 0.4239, 0.4882 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(156, 147, 25) }
```

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

```
.border{ border-color:rgb(156, 147, 25) }
```

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

Here you see how a box with a 4 pixel `rgb(156, 147, 25)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(156, 147, 25); -webkit-box-  
shadow:4px 4px 4px 4px rgb(156, 147, 25);  
box-shadow:4px 4px 4px 4px rgb(156, 147,  
25) }
```


Background

The CSS property to change the background color of an element to $\text{Yxy } 28.0055, 0.4239, 0.4882$ is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 147, 25) }
```

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

```
.background{ background-color: rgb(156,  
147, 25) }
```

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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