

Converting Colors

$Yxy(29.8439, 0.4386, 0.4856)$

Have a look what the booklet for
Yxy(29.8439, 0.4386, 0.4856)
contains.

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Color

Yxy(29.8439, 0.4386, 0.4856)

Conversions

Conversions Part 1

Format	Color
Hex	A8950B
RGB	168, 149, 11
RGB Percent	66%, 58%, 4%
CMY	0.3412, 0.4157, 0.9565
CMYK	0.00, 0.11, 0.93, 0.34
HSL	53°, 88%, 35%
HSV	53°, 93%, 66%
XYZ	26.9554, 29.8439, 4.6585
YIQ	138.9490, 55.6220, -38.8900

Conversions

Conversions Part 2

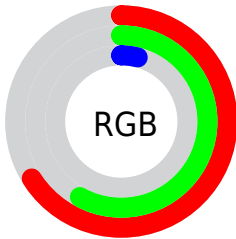
Format	Color
R_{YB}	33, 168, 11
Decimal	11048203
CIE Lab	61.52, -5.63, 63.70
CIE LCh	62, 63.952, 95.053
Yxy	29.8439, 0.4386, 0.4856
Android (android.graphics.Color)	4289238283 (0xFFA8950B)
YUV	138.9490, -63.0789, 25.4777
Hunter-Lab	54.6296, -7.5261, 33.1848

Details

The Yxy color **29.8439, 0.4386, 0.4856** is a dark color, and the websafe version is hex **999900**. A complement of this color would be **3.8305, 0.1570, 0.0784**, and the grayscale version is **26.0336, 0.3127, 0.3290**.

A 20% lighter version of the original color is **59.5646, 0.4200, 0.4604**, and **12.3032, 0.4387, 0.4899** is the 20% darker color. If you saturate the color by 10%, you get **29.3991, 0.4421, 0.4871**, and if you desaturate by 10%, it is **30.5531, 0.4318, 0.4810**.

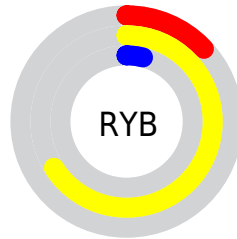
Distribution



Red (66%)

Green (58%)

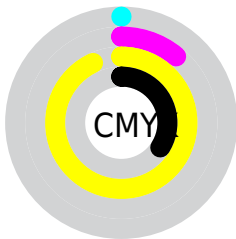
Blue (4%)



Red (13%)

Yellow (66%)

Blue (4%)

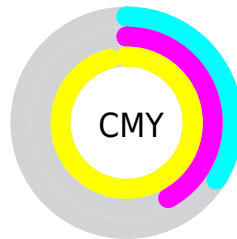


Cyan (0%)

Magenta (11%)

Yellow (93%)

Black (34%)



Cyan (34%)


Magenta (42%)


Yellow (96%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 29.8439, 0.4386, 0.4856 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 29.8439, 0.4386, 0.4856 by changing the saturation by 10% instead.


 29.8439, 0.4386,
0.4856


 29.8439, 0.4386,
0.4856


301.1762, 0.3799,
0.4092


 19.7201, 0.4488,
0.5006


 59.4152, 0.4199,
0.4600

 12.1918, 0.4591,
0.5175


 79.6316, 0.4120,
0.4496


 6.8744, 0.4664,
0.5336


 103.9809, 0.4049,
0.4405

 3.3837, 0.4608,
0.5392

 132.8476, 0.3987,
0.4326

 1.3352, 0.4510,
0.5490

 166.6161, 0.3931,
0.4256

 0.1682, 0.1174,
0.8826

 205.6708, 0.3882,

 0.0000, 0.0000,

0.4195

0.0000

250.3960, 0.3838,
0.4140

29.8439, 0.4386,
0.4856

29.8439, 0.4386,
0.4856

29.3991, 0.4421,
0.4871

30.5531, 0.4318,
0.4810

31.3169, 0.4222,
0.4720

32.1435, 0.4102,
0.4588

33.0383, 0.3963,
0.4421

34.0062, 0.3809,
0.4227

■ 35.0515, 0.3649,
0.4016

■ 36.1781, 0.3487,
0.3797

■ 37.3897, 0.3328,
0.3576

■ 38.6897, 0.3177,
0.3361

Harmonies

Analogous

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



29.8439, 0.5004, 0.4171



29.8439, 0.4386, 0.4856



29.8439, 0.3499, 0.5221

Triad

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



29.8439, 0.4386, 0.4856



29.8439, 0.1490, 0.2614



29.8439, 0.3471, 0.2259

Complementary

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



29.8439, 0.4386, 0.4856



3.8305, 0.1570, 0.0784

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.



29.8439, 0.2483, 0.1910



29.8439, 0.4386, 0.4856



29.8439, 0.1492, 0.2021

Square

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



29.8439, 0.4386, 0.4856



29.8439, 0.1842, 0.3655



29.8439, 0.1815, 0.1817



29.8439, 0.4505, 0.2808

Rectangle

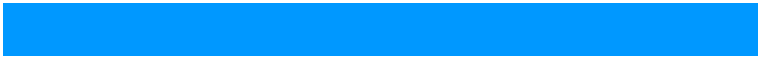
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



29.8439, 0.4386, 0.4856



29.8439, 0.2868, 0.5035



29.8439, 0.1815, 0.1817



29.8439, 0.3116, 0.2117

Sweetspot

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



29.8453, 0.4386, 0.4856



64.5940, 0.3569, 0.3909



8.6694, 0.6040, 0.3168



13.8969, 0.3637, 0.4000



84.8088, 0.3127, 0.3290



15.4872, 0.3127, 0.3290

Same Dimension

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



29.8453, 0.4386, 0.4856



53.1435, 0.4426, 0.4868



31.3709, 0.3592, 0.5483



8.6166, 0.3265, 0.3487



22.2533, 0.4419, 0.4873



0.5834, 0.4335, 0.4940

Inverse Universe

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



3.8305, 0.1570, 0.0784



5.8929, 0.1522, 0.0679



4.3193, 0.1874, 0.0842



7.4414, 0.2986, 0.3085



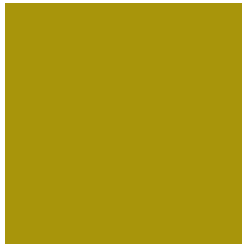
2.5642, 0.1530, 0.0706



0.1055, 0.1640, 0.1105

Previews

White Background



This preview shows how the Yxy color 29.8439, 0.4386, 0.4856 looks on a white background.

Color Contrast Check

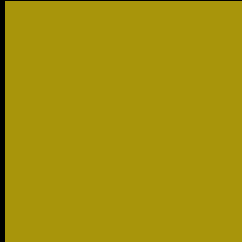
Large Text (above 18pt) WCAG AA ✓ Pass

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 29.8439, 0.4386, 0.4856 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 29.8439, 0.4386, 0.4856

Background



This preview shows how black text looks on a background with the Yxy color 29.8439, 0.4386, 0.4856.



This preview shows how white text looks on a background with the Yxy color 29.8439, 0.4386, 0.4856.

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

29.8439, 0.4386, 0.4856

Protanopia

29.8439, 0.4386, 0.4856

Deuteranopia

29.7953, 0.4673, 0.4580



Tritanopia

29.9823, 0.3442, 0.3147

Trichromacy



Original Color

29.8439, 0.4386, 0.4856

Protanomaly

29.8439, 0.4386, 0.4856

Deuteranomaly

29.8107, 0.4574, 0.4681

Tritanomaly

29.5444, 0.3936, 0.3938

Monochromacy



Original Color

29.8439, 0.4386, 0.4856

Achromatopsia

25.8183, 0.3127, 0.3290

Achromatomaly

26.9017, 0.3728, 0.4122

CSS Examples

Text

The CSS property to change the color of the text to Yxy 29.8439, 0.4386, 0.4856 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(168, 149, 11)` looks like.

```
.text, #text, p{  
    color:rgb(168, 149, 11)  
}
```

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(168, 149, 11) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 149, 11) }
```

Border

The CSS property to change the border of an element to Yxy 29.8439, 0.4386, 0.4856 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(168, 149, 11) }
```

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

```
.border{ border-color:rgb(168, 149, 11) }
```

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

Here you see how a box with a 4 pixel `rgb(168, 149, 11)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 149, 11); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 149, 11);  
box-shadow:4px 4px 4px 4px rgb(168, 149,  
11) }
```


Background

The CSS property to change the background color of an element to $\text{Yxy } 29.8439, 0.4386, 0.4856$ is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 149, 11) }
```

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

```
.background{ background-color: rgb(168,  
149, 11) }
```

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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