

Converting Colors

$Yxy(29.9501, 0.4394, 0.4878)$

Have a look what the booklet for
Yxy(29.9501, 0.4394, 0.4878)
contains.

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Color

Yxy(29.8285, 0.4398, 0.4874)

Conversions

Conversions Part 1

Format	Color
Hex	A89504
RGB	168, 149, 4
RGB Percent	66%, 58%, 2%
CMY	0.3412, 0.4156, 0.9841
CMYK	0.00, 0.11, 0.98, 0.34
HSL	53°, 95%, 34%
HSV	53°, 98%, 66%
XYZ	26.9154, 29.8285, 4.4553
YIQ	138.1510, 57.8690, -41.0670

Conversions

Conversions Part 2

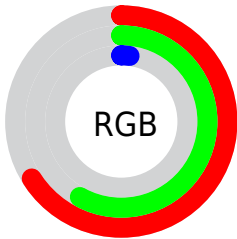
Format	Color
RYB	25, 168, 4
Decimal	11048196
CIELab	61.51, -5.74, 64.71
CIELCh	62, 64.966, 95.066
Yxy	29.8285, 0.4398, 0.4874
Android (android.graphics.Color)	4289238276 (0xFFA89504)
YUV	138.1510, -66.1364, 26.1776
Hunter-Lab	54.6155, -7.6093, 33.3942

Details

The Yxy color **29.8285, 0.4398, 0.4874** is a dark color, and the websafe version is hex **999900**. A complement of this color would be **3.4671, 0.1540, 0.0719**, and the grayscale version is **25.7204, 0.3127, 0.3290**.

A 20% lighter version of the original color is **59.5372, 0.4210, 0.4618**, and **12.3032, 0.4387, 0.4899** is the 20% darker color. If you saturate the color by 10%, you get **29.6724, 0.4411, 0.4880**, and if you desaturate by 10%, it is **30.4951, 0.4341, 0.4842**.

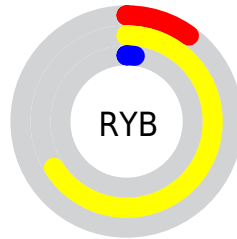
Distribution



Red (66%)

Green (58%)

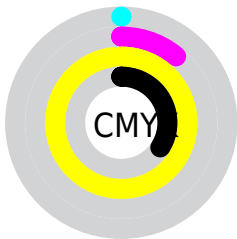
Blue (2%)



Red (10%)

Yellow (66%)

Blue (2%)

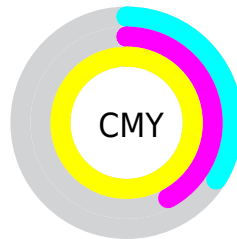


Cyan (0%)

Magenta (11%)

Yellow (98%)

Black (34%)



Cyan (34%)


Magenta (42%)

Yellow (98%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 29.8285, 0.4398, 0.4874 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 29.8285, 0.4398, 0.4874 by changing the saturation by 10% instead.


 29.8285, 0.4398,
0.4874


 29.8285, 0.4398,
0.4874


301.1042, 0.3808,
0.4104

 19.7085, 0.4498,
0.5023


 59.3909, 0.4212,
0.4618


 12.1833, 0.4602,
0.5194


 79.6020, 0.4132,
0.4513

 6.8686, 0.4660,
0.5340


 103.9455, 0.4061,
0.4421

 3.3801, 0.4603,
0.5397

 132.8060, 0.3998,
0.4341

 1.3332, 0.4503,
0.5497

 166.5676, 0.3942,
0.4271

 0.1667, 0.0994,
0.9006


 205.6150, 0.3893,


 0.0000, 0.0000,

0.4208

0.0000


 250.3324, 0.3848,
0.4153

 29.8285, 0.4398,
0.4874


 29.8285, 0.4398,
0.4874

 29.6724, 0.4411,
0.4880

 30.4951, 0.4341,
0.4842

 31.2100, 0.4258,
0.4770

 31.9841, 0.4150,
0.4654

 32.8233, 0.4019,
0.4501

 33.7326, 0.3872,
0.4316

■ 34.7166, 0.3715,
0.4110

■ 35.7793, 0.3553,
0.3892

■ 36.9246, 0.3393,
0.3670

■ 38.1558, 0.3239,
0.3451

Harmonies

Analogous

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



29.8285, 0.5028, 0.4177



29.8285, 0.4398, 0.4874



29.8285, 0.3499, 0.5253

Triad

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



29.8285, 0.4398, 0.4874



29.8285, 0.1470, 0.2601



29.8285, 0.3475, 0.2246

Complementary

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



29.8285, 0.4398, 0.4874



3.4671, 0.1540, 0.0719

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.



29.8285, 0.2473, 0.1894



29.8285, 0.4398, 0.4874



29.8285, 0.1473, 0.2003

Square

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



29.8285, 0.4398, 0.4874



29.8285, 0.1823, 0.3658



29.8285, 0.1799, 0.1798



29.8285, 0.4527, 0.2800

Rectangle

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



29.8285, 0.4398, 0.4874



29.8285, 0.2860, 0.5067



29.8285, 0.1799, 0.1798



29.8285, 0.3115, 0.2103

Sweetspot

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



29.8299, 0.4398, 0.4874



64.5533, 0.3585, 0.3935



8.4738, 0.6188, 0.3208



13.8966, 0.3651, 0.4025



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.



29.8299, 0.4398, 0.4874



53.6533, 0.4415, 0.4876



31.0200, 0.3551, 0.5545



8.6234, 0.3265, 0.3488



22.4605, 0.4408, 0.4882



0.5868, 0.4328, 0.4945

Inverse Universe

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



3.4671, 0.1540, 0.0719



5.8420, 0.1521, 0.0674



4.1046, 0.1852, 0.0807



7.4352, 0.2986, 0.3084



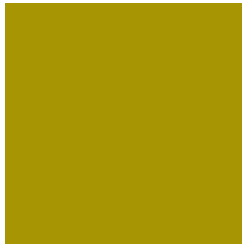
2.5395, 0.1528, 0.0701



0.1032, 0.1635, 0.1085

Previews

White Background



This preview shows how the Yxy color 29.8285, 0.4398, 0.4874 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 29.8285, 0.4398, 0.4874 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 29.8285, 0.4398, 0.4874

Background



This preview shows how black text looks on a background with the Yxy color 29.8285, 0.4398, 0.4874.



This preview shows how white text looks on a background with the Yxy color 29.8285, 0.4398, 0.4874.

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

29.8285, 0.4398, 0.4874

Protanopia

29.8285, 0.4398, 0.4874

Deuteranopia

29.7881, 0.4679, 0.4587



Tritanopia

29.6940, 0.3444, 0.3133

Trichromacy



Original Color

29.8285, 0.4398, 0.4874

Protanomaly

29.8285, 0.4398, 0.4874

Deuteranomaly

29.8020, 0.4581, 0.4690

Tritanomaly

29.1892, 0.3973, 0.3967

Monochromacy



Original Color

29.8285, 0.4398, 0.4874

Achromatopsia

25.4152, 0.3127, 0.3290

Achromatomaly

26.4568, 0.3752, 0.4158

CSS Examples

Text

The CSS property to change the color of the text to Yxy 29.8285, 0.4398, 0.4874 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, 4)` looks like.

```
.text, #text, p{  
    color:rgb(168, 149, 4)  
}
```

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, 4) colored shadow looks like.

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

Border

The CSS property to change the border of an element to Yxy 29.8285, 0.4398, 0.4874 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, 4) }
```

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

```
.border{ border-color:rgb(168, 149, 4) }
```

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, 4)` colored shadow looks like.

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


Background

The CSS property to change the background color of an element to Yxy 29.8285, 0.4398, 0.4874 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, 4) }
```

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

```
.background{ background-color: rgb(168,  
149, 4) }
```

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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