

Converting Colors

$Y_{xy}(26.6759, 0.4218, 0.4852)$

Have a look what the booklet for
Yxy(26.6759, 0.4218, 0.4852)
contains.

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Color

Yxy(26.7106, 0.4212, 0.4861)

Conversions

Conversions Part 1

Format	Color
Hex	98901D
RGB	152, 144, 29
RGB Percent	60%, 56%, 11%
CMY	0.4039, 0.4353, 0.8865
CMYK	0.00, 0.05, 0.81, 0.40
HSL	56°, 68%, 35%
HSV	56°, 81%, 60%
XYZ	23.1444, 26.7106, 5.0938
YIQ	133.2820, 41.6830, -34.0690

Conversions

Conversions Part 2

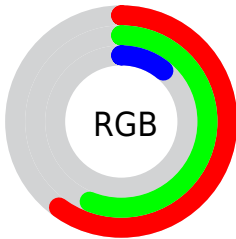
Format	Color
RYB	38, 152, 29
Decimal	9998365
CIELab	58.71, -9.78, 56.74
CIELCh	59, 57.574, 99.778
Yxy	26.7106, 0.4212, 0.4861
Android (android.graphics.Color)	4288188445 (0xFF98901D)
YUV	133.2820, -51.4110, 16.4157
Hunter-Lab	51.6823, -10.5080, 30.3341

Details

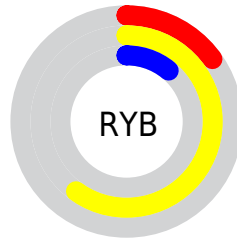
The Yxy color **26.7106, 0.4212, 0.4861** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **3.8471, 0.1676, 0.0944**, and the grayscale version is **23.7420, 0.3127, 0.3290**.

A 20% lighter version of the original color is **54.5994, 0.4033, 0.4576**, and **10.5468, 0.4245, 0.5012** is the 20% darker color. If you saturate the color by 10%, you get **26.3562, 0.4272, 0.4927**, and if you desaturate by 10%, it is **27.1072, 0.4126, 0.4753**.

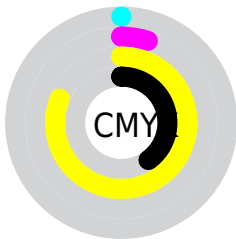
Distribution



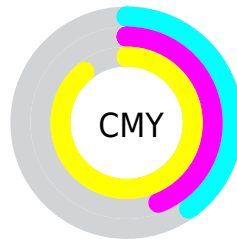
- Red (60%)
- Green (56%)
- Blue (11%)



- Red (15%)
- Yellow (60%)
- Blue (11%)



- Cyan (0%)
- Magenta (5%)
- Yellow (81%)
- Black (40%)





- Cyan (40%)
- Magenta (44%)
- Yellow (89%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 26.7106, 0.4212, 0.4861 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 26.7106, 0.4212, 0.4861 by changing the saturation by 10% instead.


 26.7106, 0.4212,
0.4861


 26.7106, 0.4212,
0.4861

286.2532, 0.3692,
0.4049


 17.3560, 0.4306,
0.5042


 54.4191, 0.4042,
0.4574


 10.4886, 0.4397,
0.5253


 73.5418, 0.3971,
0.4462


 5.7241, 0.4484,
0.5516

 96.6894, 0.3909,
0.4367

 2.6781, 0.4369,
0.5631

 124.2461, 0.3854,
0.4285

 0.9661, 0.4122,
0.5878

 156.5965, 0.3806,
0.4214

 0.0000, 0.0000,
0.0000

 194.1248, 0.3763,

0.4152

237.2156, 0.3726,
0.4097

■ 26.7106, 0.4212,
0.4861

■ 26.7106, 0.4212,
0.4861

■ 26.3562, 0.4272,
0.4927

■ 27.1072, 0.4126,
0.4753

■ 26.0580, 0.4310,
0.4960

■ 27.5471, 0.4017,
0.4606

■ 28.0356, 0.3888,
0.4425

■ 28.5765, 0.3745,
0.4219

■ 29.1728, 0.3594,
0.3996

■ 29.8277, 0.3440,
0.3766

■ 30.5439, 0.3288,
0.3535

■ 31.3239, 0.3141,
0.3311

■ 32.1702, 0.3002,
0.3097

Harmonies

Analogous

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



26.7106, 0.4840, 0.4254



26.7106, 0.4212, 0.4861



26.7106, 0.3354, 0.5081

Triad

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



26.7106, 0.4212, 0.4861



26.7106, 0.1554, 0.2547



26.7106, 0.3613, 0.2387

Complementary

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



26.7106, 0.4212, 0.4861



3.8471, 0.1676, 0.0944

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.



26.7106, 0.2654, 0.2018



26.7106, 0.4212, 0.4861



26.7106, 0.1602, 0.2041

Square

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



26.7106, 0.4212, 0.4861



26.7106, 0.1840, 0.3463



26.7106, 0.1964, 0.1889



26.7106, 0.4541, 0.2936

Rectangle

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



26.7106, 0.4212, 0.4861



26.7106, 0.2760, 0.4805



26.7106, 0.1964, 0.1889



26.7106, 0.3276, 0.2240

Sweetspot

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



26.7119, 0.4212, 0.4861



52.2258, 0.3494, 0.3847



7.6862, 0.5735, 0.3212



11.7839, 0.3544, 0.3923



76.7769, 0.3127, 0.3290



12.5967, 0.3127, 0.3290

Same Dimension

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



26.7119, 0.4212, 0.4861



46.0605, 0.4302, 0.4951



25.1820, 0.3532, 0.5371



7.1541, 0.3262, 0.3496



21.8639, 0.4309, 0.4961



0.3447, 0.4252, 0.5006

Inverse Universe

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



3.8471, 0.1676, 0.0944



4.4812, 0.1525, 0.0664



4.9487, 0.2149, 0.1107



6.0877, 0.2988, 0.3075



2.0989, 0.1516, 0.0656



0.0464, 0.1590, 0.0922

Previews

White Background



This preview shows how the Yxy color 26.7106, 0.4212, 0.4861 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 26.7106, 0.4212, 0.4861 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

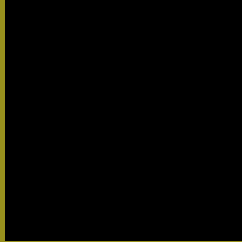
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 26.7106, 0.4212, 0.4861

Background



This preview shows how black text looks on a background with the Yxy color 26.7106, 0.4212, 0.4861.



This preview shows how white text looks on a background with the Yxy color 26.7106, 0.4212, 0.4861.

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

26.7106, 0.4212, 0.4861

Protanopia

26.8008, 0.4320, 0.4788

Deuteranopia

26.6307, 0.4604, 0.4512



Tritanopia

26.6716, 0.3316, 0.3121

Trichromacy



Original Color

26.7106, 0.4212, 0.4861

Protanomaly

26.7967, 0.4273, 0.4823

Deuteranomaly

26.7163, 0.4464, 0.4639

Tritanomaly

26.4253, 0.3735, 0.3850

Monochromacy



Original Color

26.7106, 0.4212, 0.4861

Achromatopsia

23.4551, 0.3127, 0.3290

Achromatomaly

24.2930, 0.3609, 0.4016

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.7106, 0.4212, 0.4861 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(152, 144, 29)` looks like.

```
.text, #text, p{  
    color:rgb(152, 144, 29)  
}
```

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(152, 144, 29) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 144, 29) }
```

Border

The CSS property to change the border of an element to Yxy 26.7106, 0.4212, 0.4861 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(152, 144, 29) }
```

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

```
.border{ border-color:rgb(152, 144, 29) }
```

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

Here you see how a box with a 4 pixel `rgb(152, 144, 29)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(152, 144, 29); -webkit-box-  
shadow:4px 4px 4px 4px rgb(152, 144, 29);  
box-shadow:4px 4px 4px 4px rgb(152, 144,  
29) }
```


Background

The CSS property to change the background color of an element to Yxy 26.7106, 0.4212, 0.4861 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 144, 29) }
```

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

```
.background{ background-color: rgb(152,  
144, 29) }
```

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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