

Converting Colors

$Yxy(26.2229, 0.4637, 0.5363)$

Have a look what the booklet for
Yxy(26.2229, 0.4637, 0.5363)
contains.

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Color

Yxy(26.4139, 0.4357, 0.4922)

Conversions

Conversions Part 1

Format	Color
Hex	9C8E00
RGB	156, 142, 0
RGB Percent	61%, 56%, 0%
CMY	0.3883, 0.4431, 0.9995
CMYK	0.00, 0.09, 1.00, 0.39
HSL	55°, 100%, 31%
HSV	55°, 100%, 61%
XYZ	23.3818, 26.4139, 3.8692
YIQ	129.9980, 53.9260, -41.1940

Conversions

Conversions Part 2

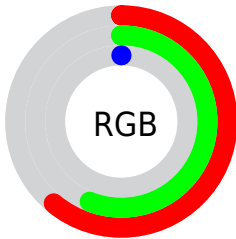
Format	Color
R_{YB}	15, 156, 0
Decimal	10259968
CIE _{Lab}	58.43, -7.52, 62.57
CIE _{LCh}	58, 63.020, 96.851
Yxy	26.4139, 0.4357, 0.4922
Android (android.graphics.Color)	4288450048 (0xFF9C8E00)
YUV	129.9980, -64.0890, 22.8038
Hunter-Lab	51.3945, -8.7320, 31.5125

Details

The Yxy color **26.4139, 0.4357, 0.4922** is a dark color, and the websafe version is hex **999900**. A complement of this color would be **2.7174, 0.1520, 0.0671**, and the grayscale version is **22.5444, 0.3127, 0.3290**.

A 20% lighter version of the original color is **53.7686, 0.4177, 0.4645**, and **10.3636, 0.4332, 0.4943** is the 20% darker color. If you saturate the color by 10%, you get **26.4116, 0.4357, 0.4922**, and if you desaturate by 10%, it is **26.8704, 0.4308, 0.4888**.

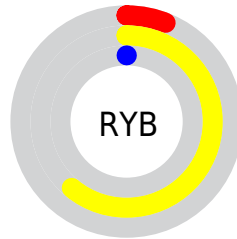
Distribution



Red (61%)

Green (56%)

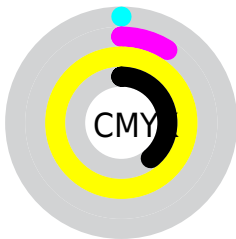
Blue (0%)



Red (6%)

Yellow (61%)

Blue (0%)

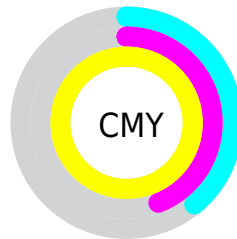


Cyan (0%)

Magenta (9%)

Yellow (100%)

Black (39%)



Cyan (39%)


Magenta (44%)


Yellow (100%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 26.4139, 0.4357, 0.4922 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 26.4139, 0.4357, 0.4922 by changing the saturation by 10% instead.

 26.4139, 0.4357,
0.4922

 26.4139, 0.4357,
0.4922


284.8080, 0.3779,
0.4105


 17.1335, 0.4452,
0.5086


 53.9419, 0.4175,
0.4645


 10.3297, 0.4568,
0.5300


 72.9584, 0.4096,
0.4533


 5.6181, 0.4574,
0.5426

 95.9890, 0.4026,
0.4436

 2.6143, 0.4485,
0.5515

 123.4181, 0.3965,
0.4352

 0.9339, 0.4296,
0.5704


 155.6302, 0.3910,
0.4278


 0.0000, 0.0000,
0.0000


 193.0096, 0.3861,


0.4213


 235.9407, 0.3818,
0.4156


 26.4139, 0.4357,
0.4922

 26.4139, 0.4357,
0.4922


 26.4116, 0.4357,
0.4922

 26.8704, 0.4308,
0.4888

 27.3586, 0.4239,
0.4821

 27.8920, 0.4144,
0.4712

 28.4757, 0.4026,
0.4563

 29.1139, 0.3889,
0.4382

■ 29.8105, 0.3739,
0.4177

■ 30.5690, 0.3583,
0.3957

■ 31.3926, 0.3426,
0.3731

■ 32.2841, 0.3273,
0.3507

Harmonies

Analogous

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



26.4139, 0.5018, 0.4223



26.4139, 0.4357, 0.4922



26.4139, 0.3442, 0.5274

Triad

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



26.4139, 0.4357, 0.4922



26.4139, 0.1447, 0.2544



26.4139, 0.3544, 0.2266

Complementary

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



26.4139, 0.4357, 0.4922



2.7174, 0.1520, 0.0671

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.



26.4139, 0.2519, 0.1897



26.4139, 0.4357, 0.4922



26.4139, 0.1471, 0.1970

Square

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



26.4139, 0.4357, 0.4922



26.4139, 0.1779, 0.3588



26.4139, 0.1818, 0.1785



26.4139, 0.4594, 0.2832

Rectangle

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



26.4139, 0.4357, 0.4922



26.4139, 0.2799, 0.5049



26.4139, 0.1818, 0.1785



26.4139, 0.3177, 0.2117

Sweetspot

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



26.4152, 0.4357, 0.4922



55.4369, 0.3594, 0.3972



7.1057, 0.6265, 0.3226



12.0779, 0.3655, 0.4059



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.



26.4152, 0.4357, 0.4922



47.8311, 0.4361, 0.4920



26.1332, 0.3520, 0.5587



7.6186, 0.3263, 0.3492



21.7854, 0.4356, 0.4923



0.4162, 0.4284, 0.4981

Inverse Universe

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



2.7174, 0.1520, 0.0671



4.8019, 0.1515, 0.0654



3.4418, 0.1858, 0.0798



6.5262, 0.2987, 0.3080



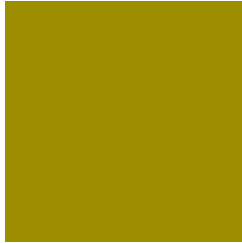
2.2600, 0.1521, 0.0676



0.0651, 0.1617, 0.1020

Previews

White Background



This preview shows how the Yxy color 26.4139, 0.4357, 0.4922 looks on a white background.

Color Contrast Check

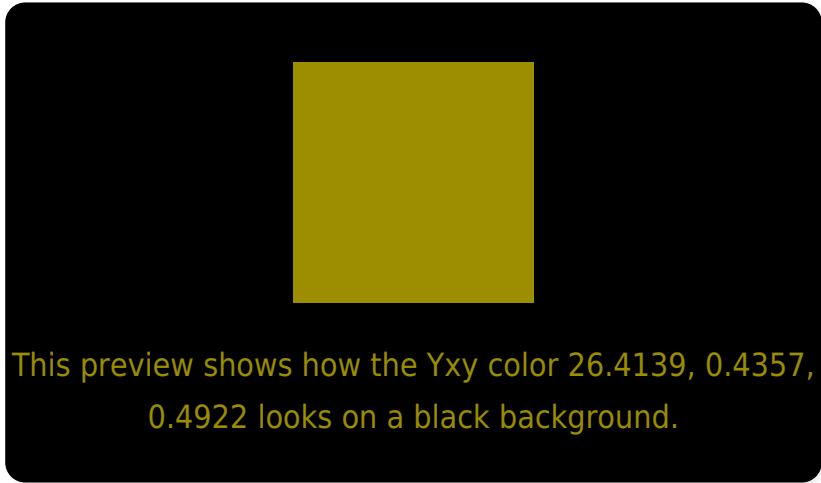
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



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 26.4139, 0.4357, 0.4922

Background



This preview shows how black text looks on a background with the Yxy color 26.4139, 0.4357, 0.4922.

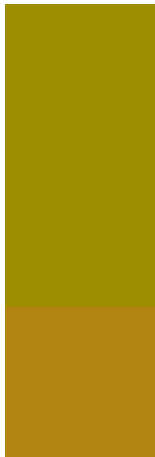


This preview shows how white text looks on a background with the Yxy color 26.4139, 0.4357, 0.4922.

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

26.4139, 0.4357, 0.4922

Protanopia

26.4207, 0.4405, 0.4885

Deuteranopia

26.2871, 0.4678, 0.4578



Tritanopia

26.3480, 0.3387, 0.3138

Trichromacy



Original Color

26.4139, 0.4357, 0.4922

Protanomaly

26.3189, 0.4393, 0.4894

Deuteranomaly

26.1809, 0.4570, 0.4701

Tritanomaly

25.9236, 0.3923, 0.4012

Monochromacy



Original Color

26.4139, 0.4357, 0.4922

Achromatopsia

22.3228, 0.3127, 0.3290

Achromatomaly

23.1637, 0.3739, 0.4177

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.4139, 0.4357, 0.4922 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, 142, 0)` looks like.

```
.text, #text, p{  
    color:rgb(156, 142, 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(156, 142, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 142, 0) }
```

Border

The CSS property to change the border of an element to Yxy 26.4139, 0.4357, 0.4922 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, 142, 0) }
```

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

```
.border{ border-color:rgb(156, 142, 0) }
```

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

Here you see how a box with a 4 pixel rgb(156, 142, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(156, 142, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(156, 142, 0);  
box-shadow:4px 4px 4px 4px rgb(156, 142,  
0) }
```


Background

The CSS property to change the background color of an element to Yxy 26.4139, 0.4357, 0.4922 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 142, 0) }
```

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

```
.background{ background-color: rgb(156,  
142, 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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