

Converting Colors

$Y_{xy}(10.9819, 0.3701, 0.5325)$

Have a look what the booklet for
Yxy(10.9819, 0.3701, 0.5325)
contains.

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Color

Yxy(10.9805, 0.3701, 0.5326)

Conversions

Conversions Part 1

Format	Color
Hex	4A660A
RGB	74, 102, 10
RGB Percent	29%, 40%, 4%
CMY	0.7098, 0.6000, 0.9606
CMYK	0.27, 0.00, 0.90, 0.60
HSL	78°, 82%, 22%
HSV	78°, 90%, 40%
XYZ	7.6303, 10.9805, 2.0060
YIQ	83.1400, 12.8440, -34.5480

Conversions

Conversions Part 2

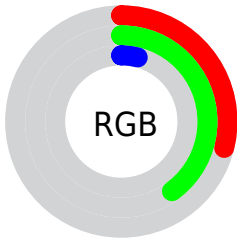
Format	Color
R_{YB}	10, 102, 38
Decimal	4875786
CIE _{Lab}	39.55, -23.74, 42.95
CIE _{LCh}	40, 49.071, 118.927
Yxy	10.9805, 0.3701, 0.5326
Android (android.graphics.Color)	4283065866 (0xFF4A660A)
YUV	83.1400, -36.0580, -8.0158
Hunter-Lab	33.1368, -16.8871, 19.6065

Details

The Yxy color **10.9805, 0.3701, 0.5326** is a dark color, and the websafe version is hex **336600**. A complement of this color would be **1.5910, 0.1880, 0.0904**, and the grayscale version is **8.7546, 0.3127, 0.3290**.

A 20% lighter version of the original color is **27.5883, 0.3633, 0.4791**, and **2.9266, 0.3389, 0.5691** is the 20% darker color. If you saturate the color by 10%, you get **10.8403, 0.3693, 0.5450**, and if you desaturate by 10%, it is **11.1368, 0.3699, 0.5182**.

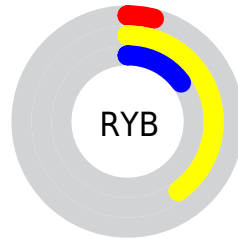
Distribution



Red (29%)

Green (40%)

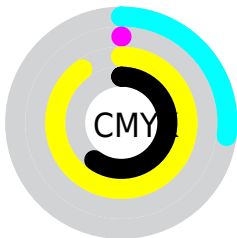
Blue (4%)



Red (4%)

Yellow (40%)

Blue (15%)

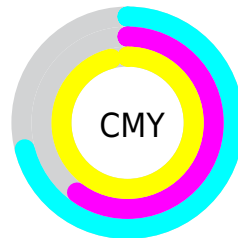


Cyan (27%)

Magenta (0%)

Yellow (90%)

Black (60%)



Cyan (71%)


Magenta (60%)


Yellow (96%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 10.9805, 0.3701, 0.5326 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 10.9805, 0.3701, 0.5326 by changing the saturation by 10% instead.

 10.9805, 0.3701,
0.5326


 10.9805, 0.3701,
0.5326


197.5337, 0.3432,
0.4054

 6.0537, 0.3715,
0.5754

 27.6241, 0.3632,
0.4796


 2.8778, 0.3645,
0.6355


 40.1097, 0.3594,
0.4616

 1.0683, 0.2847,
0.7153

 55.8837, 0.3558,
0.4474


 0.0000, 0.0000,
0.0000


 75.3306, 0.3527,
0.4358


 98.8346, 0.3499,
0.4262


 126.7802, 0.3474,

0.4181


 159.5518, 0.3452,
0.4113


 10.9805, 0.3701,
0.5326

 10.9805, 0.3701,
0.5326


 10.8403, 0.3693,
0.5450

 11.1368, 0.3699,
0.5182

 11.3140, 0.3675,
0.4998

 11.5144, 0.3629,
0.4781

 11.7397, 0.3567,
0.4540

 11.9911, 0.3490,
0.4285

■ 12.2699, 0.3405,
0.4027

■ 12.5773, 0.3314,
0.3771

■ 12.9144, 0.3221,
0.3526

■ 13.2822, 0.3128,
0.3293

Harmonies

Analogous

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



10.9805, 0.4605, 0.4790



10.9805, 0.3701, 0.5326



10.9805, 0.2709, 0.5087

Triad

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



10.9805, 0.3701, 0.5326



10.9805, 0.1380, 0.2031



10.9805, 0.4395, 0.2643

Complementary

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



10.9805, 0.3701, 0.5326



1.5910, 0.1880, 0.0904

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.



10.9805, 0.3254, 0.2107



10.9805, 0.3701, 0.5326



10.9805, 0.1647, 0.1753

Square

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



10.9805, 0.3701, 0.5326



10.9805, 0.1443, 0.2747



10.9805, 0.2266, 0.1795



10.9805, 0.5159, 0.3308

Rectangle

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



10.9805, 0.3701, 0.5326



10.9805, 0.2123, 0.4381



10.9805, 0.2266, 0.1795



10.9805, 0.4027, 0.2445

Sweetspot

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



10.9810, 0.3701, 0.5326



21.6404, 0.3384, 0.3966



4.2104, 0.5550, 0.3759



5.0773, 0.3404, 0.4024



53.8236, 0.3127, 0.3290



5.4972, 0.3127, 0.3290

Same Dimension

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



10.9810, 0.3701, 0.5326



18.9519, 0.3679, 0.5461



9.7785, 0.3121, 0.5761



3.2282, 0.3209, 0.3496



13.9012, 0.3686, 0.5455



72.0287, 0.3657, 0.5479

Inverse Universe

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



1.5910, 0.1880, 0.0904



2.1414, 0.1732, 0.0728



3.0448, 0.2785, 0.1383



2.8004, 0.3040, 0.3080



1.5886, 0.1745, 0.0735



7.8733, 0.1693, 0.0706

Previews

White Background



This preview shows how the Yxy color 10.9805, 0.3701, 0.5326 looks on a white background.

Color Contrast Check

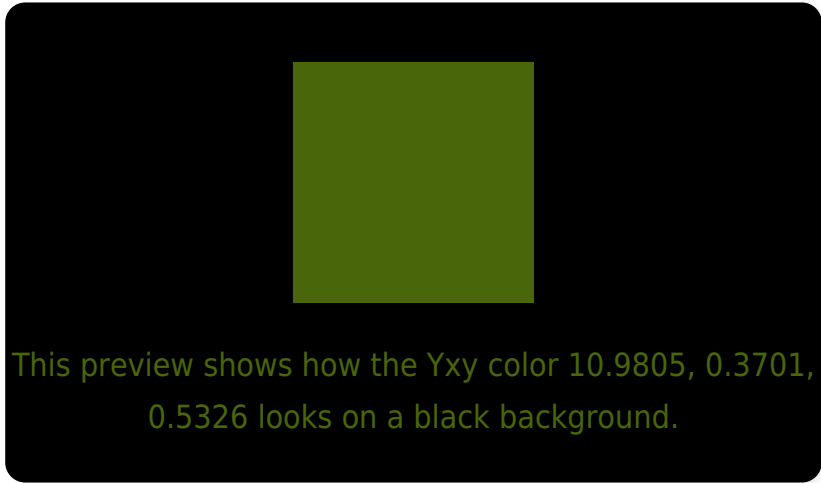
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

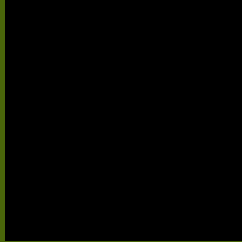
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 10.9805, 0.3701, 0.5326

Background



This preview shows how black text looks on a background with the Yxy color 10.9805, 0.3701, 0.5326.



This preview shows how white text looks on a background with the Yxy color 10.9805, 0.3701, 0.5326.

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

10.9805, 0.3701, 0.5326

Protanopia

10.8451, 0.4369, 0.4848

Deuteranopia

10.8155, 0.4568, 0.4507



Tritanopia

10.9827, 0.2857, 0.3120

Trichromacy



Original Color

10.9805, 0.3701, 0.5326

Protanomaly

10.7608, 0.4128, 0.5026

Deuteranomaly

10.6359, 0.4244, 0.4811

Tritanomaly

10.8705, 0.3254, 0.4043

Monochromacy



Original Color

10.9805, 0.3701, 0.5326

Achromatopsia

8.6500, 0.3127, 0.3290

Achromatomaly

9.3033, 0.3472, 0.4207

CSS Examples

Text

The CSS property to change the color of the text to Yxy 10.9805, 0.3701, 0.5326 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(74, 102, 10)` looks like.

```
.text, #text, p{  
    color:rgb(74, 102, 10)  
}
```

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(74, 102, 10) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(74, 102, 10) }
```

Border

The CSS property to change the border of an element to Yxy 10.9805, 0.3701, 0.5326 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(74, 102, 10) }
```

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

```
.border{ border-color:rgb(74, 102, 10) }
```

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

Here you see how a box with a 4 pixel rgb(74, 102, 10) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(74, 102, 10); -webkit-box-  
shadow:4px 4px 4px 4px rgb(74, 102, 10);  
box-shadow:4px 4px 4px 4px rgb(74, 102,  
10) }
```


Background

The CSS property to change the background color of an element to Yxy 10.9805, 0.3701, 0.5326 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(74, 102, 10) }
```

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

```
.background{ background-color: rgb(74, 102,  
10) }
```

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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