

Converting Colors

$Y_{xy}(11.2764, 0.3862, 0.5316)$

Have a look what the booklet for
Yxy(11.2764, 0.3862, 0.5316)
contains.

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Color

Yxy(11.2966, 0.3869, 0.5310)

Conversions

Conversions Part 1

Format	Color
Hex	526600
RGB	82, 102, 0
RGB Percent	32%, 40%, 0%
CMY	0.6784, 0.6000, 1.0000
CMYK	0.20, 0.00, 1.00, 0.60
HSL	72°, 100%, 20%
HSV	72°, 100%, 40%
XYZ	8.2310, 11.2966, 1.7466
YIQ	84.3920, 20.8220, -35.9620

Conversions

Conversions Part 2

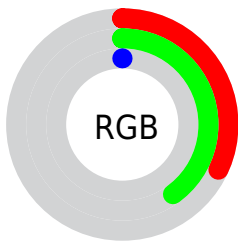
Format	Color
RYB	0, 102, 20
Decimal	5400064
CIELab	40.08, -20.49, 46.24
CIElCh	40, 50.580, 113.902
Yxy	11.2966, 0.3869, 0.5310
Android (android.graphics.Color)	4283590144 (0xFF526600)
YUV	84.3920, -41.6053, -2.0978
Hunter-Lab	33.6104, -15.1047, 20.4462

Details

The Yxy color **11.2966, 0.3869, 0.5310** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **1.1083, 0.1635, 0.0674**, and the grayscale version is **9.0362, 0.3127, 0.3290**.

A 20% lighter version of the original color is **28.2389, 0.3775, 0.4813**, and **3.0395, 0.3577, 0.5542** is the 20% darker color. If you saturate the color by 10%, you get **11.2971, 0.3869, 0.5310**, and if you desaturate by 10%, it is **11.4105, 0.3861, 0.5205**.

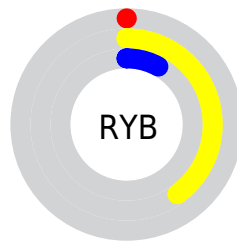
Distribution



Red (32%)

Green (40%)

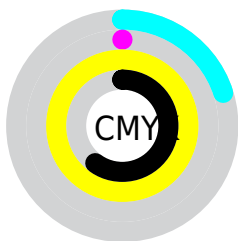
Blue (0%)



Red (0%)

Yellow (40%)

Blue (8%)

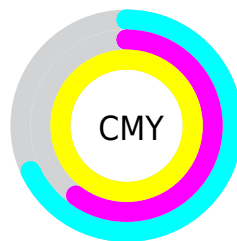


Cyan (20%)

Magenta (0%)

Yellow (100%)

Black (60%)



Cyan (68%)


Magenta (60%)


Yellow (100%)


Brightness & Saturation Gradients


These gradients show how the Yxy color 11.2966, 0.3869, 0.5310 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 11.2966, 0.3869, 0.5310 by changing the saturation by 10% instead.


 11.2966, 0.3869,
0.5310


 11.2966, 0.3869,
0.5310


 199.6913, 0.3508,
0.4076


 6.2667, 0.3922,
0.5720


 28.2073, 0.3768,
0.4811


 3.0079, 0.3835,
0.6165


 40.8570, 0.3716,
0.4637


 1.1359, 0.3302,
0.6698

 56.8153, 0.3670,
0.4496

 0.0084, 0.0000,
1.0000

 76.4667, 0.3629,
0.4381


 0.0000, 0.0000,
0.0000


 100.1956, 0.3593,
0.4286


 128.3864, 0.3561,


0.4205


 161.4235, 0.3533,
0.4136


 11.2966, 0.3869,
0.5310


 11.2966, 0.3869,
0.5310


 11.2971, 0.3869,
0.5310

 11.4105, 0.3861,
0.5205

 11.5337, 0.3841,
0.5081

 11.6749, 0.3799,
0.4918

 11.8358, 0.3735,
0.4721

 12.0178, 0.3654,
0.4498

■ 12.2222, 0.3559,
0.4258

■ 12.4504, 0.3455,
0.4011

■ 12.7034, 0.3346,
0.3763

■ 12.9822, 0.3236,
0.3521

Harmonies

Analogous

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



11.2966, 0.4754, 0.4683



11.2966, 0.3869, 0.5310



11.2966, 0.2861, 0.5247

Triad

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



11.2966, 0.3869, 0.5310



11.2966, 0.1341, 0.2094



11.2966, 0.4236, 0.2528

Complementary

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



11.2966, 0.3869, 0.5310



1.1083, 0.1635, 0.0674

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.



11.2966, 0.3064, 0.2018



11.2966, 0.3869, 0.5310



11.2966, 0.1555, 0.1750

Square

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



11.2966, 0.3869, 0.5310



11.2966, 0.1461, 0.2906



11.2966, 0.2117, 0.1745



11.2966, 0.5118, 0.3185

Rectangle

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



11.2966, 0.3869, 0.5310



11.2966, 0.2239, 0.4619



11.2966, 0.2117, 0.1745



11.2966, 0.3846, 0.2336

Sweetspot

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



11.2971, 0.3869, 0.5310



21.7977, 0.3464, 0.4032



3.2808, 0.6124, 0.3520



5.1137, 0.3496, 0.4105



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.



11.2971, 0.3869, 0.5310



19.7664, 0.3860, 0.5317



9.8153, 0.3192, 0.5848



3.2422, 0.3224, 0.3496



14.4925, 0.3865, 0.5314



75.2206, 0.3845, 0.5329

Inverse Universe

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



1.1083, 0.1635, 0.0674



1.9021, 0.1614, 0.0663



2.2505, 0.2464, 0.1131



2.7872, 0.3025, 0.3079



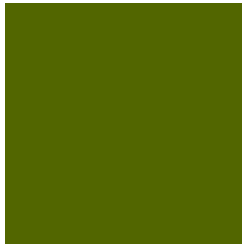
1.4084, 0.1625, 0.0669



7.0424, 0.1584, 0.0646

Previews

White Background



This preview shows how the Yxy color 11.2966, 0.3869, 0.5310 looks on a white background.

Color Contrast Check

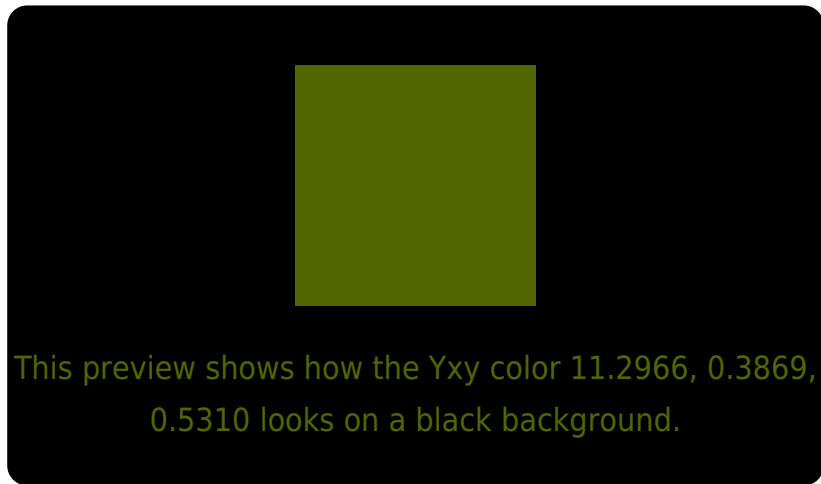
Large Text (above 18pt) WCAG AA ✓ Pass

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

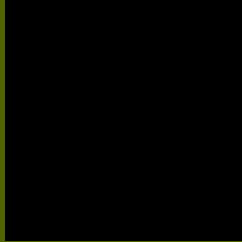
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 11.2966, 0.3869, 0.5310

Background



This preview shows how black text looks on a background with the Yxy color 11.2966, 0.3869, 0.5310.



This preview shows how white text looks on a background with the Yxy color 11.2966, 0.3869, 0.5310.

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

11.2966, 0.3869, 0.5310

Protanopia

11.3102, 0.4394, 0.4893

Deuteranopia

11.2779, 0.4586, 0.4547



Tritanopia

11.3679, 0.2971, 0.3126

Trichromacy



Original Color

11.2966, 0.3869, 0.5310

Protanomaly

11.3320, 0.4193, 0.5053

Deuteranomaly

11.0937, 0.4345, 0.4817

Tritanomaly

11.1917, 0.3435, 0.4114

Monochromacy



Original Color

11.2966, 0.3869, 0.5310

Achromatopsia

8.8656, 0.3127, 0.3290

Achromatomaly

9.5782, 0.3561, 0.4290

CSS Examples

Text

The CSS property to change the color of the text to Yxy 11.2966, 0.3869, 0.5310 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(82, 102, 0)` looks like.

```
.text, #text, p{  
    color:rgb(82, 102, 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(82, 102, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(82, 102, 0) }
```

Border

The CSS property to change the border of an element to Yxy 11.2966, 0.3869, 0.5310 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(82, 102, 0) }
```

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

```
.border{ border-color:rgb(82, 102, 0) }
```

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

Here you see how a box with a 4 pixel rgb(82, 102, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(82, 102, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(82, 102, 0);  
box-shadow:4px 4px 4px 4px rgb(82, 102, 0)  
}
```


Background

The CSS property to change the background color of an element to Yxy 11.2966, 0.3869, 0.5310 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(82, 102, 0) }
```

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

```
.background{ background-color: rgb(82, 102,  
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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