

Converting Colors

$Y_{xy}(11.6096, 0.3883, 0.5403)$

Have a look what the booklet for
Yxy(11.6096, 0.3883, 0.5403)
contains.

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Color

Yxy(11.6945, 0.3843, 0.5331)

Conversions

Conversions Part 1

Format	Color
Hex	526800
RGB	82, 104, 0
RGB Percent	32%, 41%, 0%
CMY	0.6784, 0.5922, 1.0000
CMYK	0.21, 0.00, 1.00, 0.59
HSL	73°, 100%, 20%
HSV	73°, 100%, 41%
XYZ	8.4303, 11.6945, 1.8120
YIQ	85.5660, 20.2720, -37.0080

Conversions

Conversions Part 2

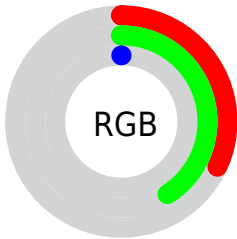
Format	Color
RYB	0, 104, 22
Decimal	5400576
CIELab	40.73, -21.53, 46.74
CIELCh	41, 51.462, 114.729
Yxy	11.6945, 0.3843, 0.5331
Android (android.graphics.Color)	4283590656 (0xFF526800)
YUV	85.5660, -42.1840, -3.1274
Hunter-Lab	34.1972, -15.8413, 20.7965

Details

The Yxy color **11.6945, 0.3843, 0.5331** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **1.1700, 0.1648, 0.0681**, and the grayscale version is **9.2976, 0.3127, 0.3290**.

A 20% lighter version of the original color is **28.9094, 0.3754, 0.4823**, and **3.2333, 0.3545, 0.5567** is the 20% darker color. If you saturate the color by 10%, you get **11.6951, 0.3843, 0.5331**, and if you desaturate by 10%, it is **11.8181, 0.3838, 0.5224**.

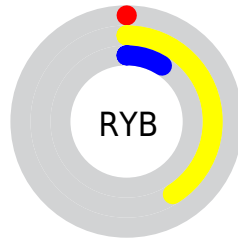
Distribution



Red (32%)

Green (41%)

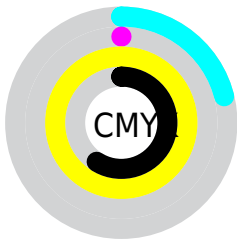
Blue (0%)



Red (0%)

Yellow (41%)

Blue (9%)

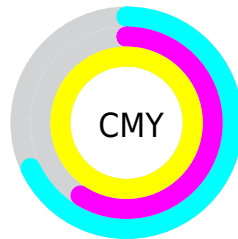


Cyan (21%)

Magenta (0%)

Yellow (100%)

Black (59%)



Cyan (68%)


Magenta (59%)

Yellow (100%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 11.6945, 0.3843, 0.5331 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 11.6945, 0.3843, 0.5331 by changing the saturation by 10% instead.


 11.6945, 0.3843,
0.5331


 11.6945, 0.3843,
0.5331


 202.3722, 0.3501,
0.4087

 6.5360, 0.3883,
0.5735


 28.9375, 0.3750,
0.4828


 3.1737, 0.3801,
0.6199

 41.7907, 0.3702,
0.4653

 1.2231, 0.3303,
0.6697

 57.9777, 0.3657,
0.4511

 0.0804, 0.0000,
1.0000

 77.8828, 0.3618,
0.4395

 0.0000, 0.0000,
0.0000

 101.8904, 0.3583,
0.4299


 130.3849, 0.3553,


0.4217


 163.7507, 0.3526,
0.4147


 11.6945, 0.3843,
0.5331


 11.6945, 0.3843,
0.5331

 11.6951, 0.3843,
0.5331

 11.8181, 0.3838,
0.5224

 11.9521, 0.3821,
0.5098

 12.1053, 0.3782,
0.4932

 12.2795, 0.3721,
0.4732

 12.4763, 0.3643,
0.4506

■ 12.6970, 0.3550,
0.4264

■ 12.9429, 0.3449,
0.4014

■ 13.2153, 0.3342,
0.3765

■ 13.5152, 0.3234,
0.3522

Harmonies

Analogous

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



11.6945, 0.4739, 0.4708



11.6945, 0.3843, 0.5331



11.6945, 0.2831, 0.5243

Triad

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



11.6945, 0.3843, 0.5331



11.6945, 0.1335, 0.2072



11.6945, 0.4273, 0.2540

Complementary

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



11.6945, 0.3843, 0.5331



1.1700, 0.1648, 0.0681

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.



11.6945, 0.3094, 0.2023



11.6945, 0.3843, 0.5331



11.6945, 0.1559, 0.1739

Square

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



11.6945, 0.3843, 0.5331



11.6945, 0.1445, 0.2873



11.6945, 0.2133, 0.1742



11.6945, 0.5144, 0.3202

Rectangle

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



11.6945, 0.3843, 0.5331



11.6945, 0.2210, 0.4593



11.6945, 0.2133, 0.1742



11.6945, 0.3883, 0.2346

Sweetspot

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



11.6951, 0.3843, 0.5331



22.6684, 0.3457, 0.4035



3.4722, 0.6095, 0.3543



5.4970, 0.3489, 0.4113



55.4222, 0.3127, 0.3290



5.9254, 0.3127, 0.3290

Same Dimension

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



11.6951, 0.3843, 0.5331



20.4689, 0.3833, 0.5339



10.1954, 0.3174, 0.5861



3.2402, 0.3222, 0.3496



14.4024, 0.3839, 0.5334



74.7318, 0.3818, 0.5351

Inverse Universe

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



1.1700, 0.1648, 0.0681



2.0087, 0.1627, 0.0670



2.4082, 0.2500, 0.1151



2.7890, 0.3028, 0.3080



1.4295, 0.1639, 0.0677



7.1357, 0.1597, 0.0653

Previews

White Background



This preview shows how the Yxy color 11.6945, 0.3843, 0.5331 looks on a white background.

Color Contrast Check

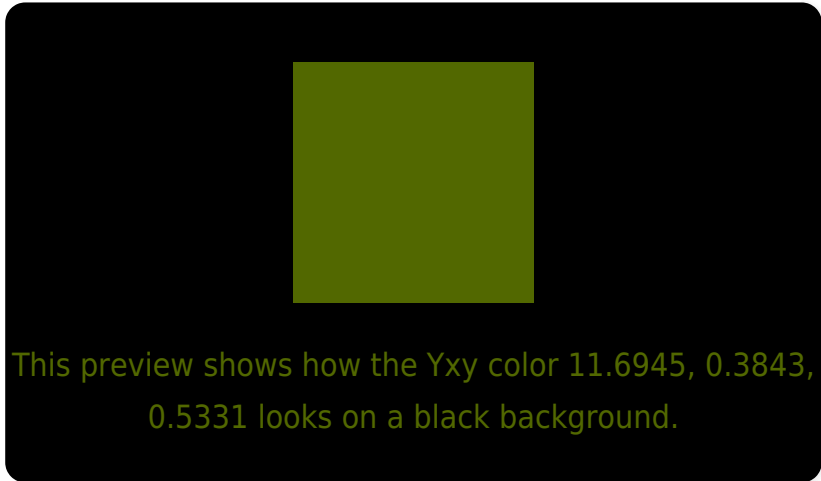
Large Text (above 18pt) WCAG AA ✓ Pass

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

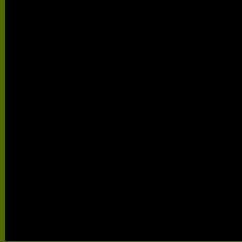
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 11.6945, 0.3843, 0.5331

Background



This preview shows how black text looks on a background with the Yxy color 11.6945, 0.3843, 0.5331.



This preview shows how white text looks on a background with the Yxy color 11.6945, 0.3843, 0.5331.

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

11.6945, 0.3843, 0.5331

Protanopia

11.5539, 0.4392, 0.4895

Deuteranopia

11.5941, 0.4592, 0.4534



Tritanopia

11.7730, 0.2945, 0.3127

Trichromacy



Original Color

11.6945, 0.3843, 0.5331

Protanomaly

11.5763, 0.4193, 0.5053

Deuteranomaly

11.5181, 0.4322, 0.4828

Tritanomaly

11.5824, 0.3412, 0.4132

Monochromacy



Original Color

11.6945, 0.3843, 0.5331

Achromatopsia

9.3059, 0.3127, 0.3290

Achromatomaly

10.0358, 0.3554, 0.4271

CSS Examples

Text

The CSS property to change the color of the text to Yxy 11.6945, 0.3843, 0.5331 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, 104, 0)` looks like.

```
.text, #text, p{  
    color:rgb(82, 104, 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, 104, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(82, 104, 0) }
```

Border

The CSS property to change the border of an element to Yxy 11.6945, 0.3843, 0.5331 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, 104, 0) }
```

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

```
.border{ border-color:rgb(82, 104, 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, 104, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(82, 104, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(82, 104, 0);  
box-shadow:4px 4px 4px 4px rgb(82, 104, 0)  
}
```


Background

The CSS property to change the background color of an element to Yxy 11.6945, 0.3843, 0.5331 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(82, 104, 0) }
```

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

```
.background{ background-color: rgb(82, 104,  
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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