

Converting Colors

$Y_{xy}(11.4149, 0.3130, 0.4101)$

Have a look what the booklet for
Yxy(11.4149, 0.3130, 0.4101)
contains.

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Color

Yxy(11.4135, 0.3131, 0.4101)

Conversions

Conversions Part 1

Format	Color
Hex	4A6647
RGB	74, 102, 71
RGB Percent	29%, 40%, 28%
CMY	0.7097, 0.6000, 0.7216
CMYK	0.27, 0.00, 0.30, 0.60
HSL	114°, 18%, 34%
HSV	114°, 30%, 40%
XYZ	8.7139, 11.4135, 7.7036
YIQ	90.0940, -6.7370, -15.5770

Conversions

Conversions Part 2

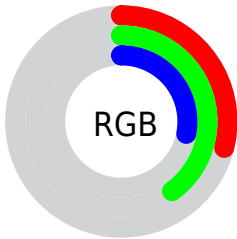
Format	Color
RYB	71, 102, 99
Decimal	4875847
CIELab	40.27, -17.08, 14.29
CIELCh	40, 22.273, 140.073
Yxy	11.4135, 0.3131, 0.4101
Android (android.graphics.Color)	4283065927 (0xFF4A6647)
YUV	90.0940, -9.4133, -14.1144
Hunter-Lab	33.7839, -13.0812, 10.1290

Details

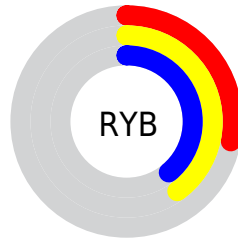
The Yxy color **11.4135, 0.3131, 0.4101** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **8.1156, 0.3106, 0.2574**, and the grayscale version is **10.2703, 0.3127, 0.3290**.

A 20% lighter version of the original color is **28.3495, 0.3130, 0.3866**, and **3.0584, 0.3086, 0.4619** is the 20% darker color. If you saturate the color by 10%, you get **10.9548, 0.3127, 0.4417**, and if you desaturate by 10%, it is **11.9486, 0.3132, 0.3806**.

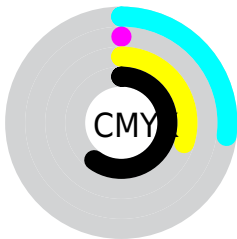
Distribution



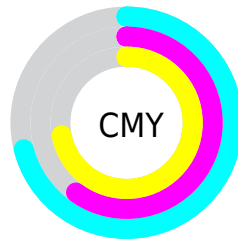
- Red (29%)
- Green (40%)
- Blue (28%)



- Red (28%)
- Yellow (40%)
- Blue (39%)



- Cyan (27%)
- Magenta (0%)
- Yellow (30%)
- Black (60%)





- Cyan (71%)
- Magenta (60%)
- Yellow (72%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 11.4135, 0.3131, 0.4101 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 11.4135, 0.3131, 0.4101 by changing the saturation by 10% instead.


 11.4135, 0.3131,
0.4101


 11.4135, 0.3131,
0.4101


200.4828, 0.3138,
0.3585


 6.3457, 0.3120,
0.4294


 28.4223, 0.3138,
0.3875


 3.0564, 0.3093,
0.4605

 41.1321, 0.3139,
0.3803


 1.1612, 0.3216,
0.5629

 57.1580, 0.3139,
0.3747

 0.0297, 0.0000,
1.0000

 76.8844, 0.3139,
0.3702

 0.0000, 0.0000,
0.0000

 100.6956, 0.3139,
0.3665

128.9762, 0.3139,

0.3634

162.1105, 0.3138,
0.3608

■ 11.4135, 0.3131,
0.4101

■ 11.4135, 0.3131,
0.4101

■ 10.9548, 0.3127,
0.4417

■ 11.9486, 0.3132,
0.3806

■ 10.5676, 0.3120,
0.4744

■ 12.5619, 0.3130,
0.3539

■ 10.2488, 0.3108,
0.5067


■ 13.2569, 0.3127,
0.3299


■ 9.9944, 0.3093,
0.5368


■ 14.0363, 0.3123,
0.3087

■ 9.7999, 0.3074,
0.5623


■ 14.9030, 0.3118,
0.2902


 9.6603, 0.3052,
0.5816

 15.8594, 0.3113,
0.2740

 9.5667, 0.3041,
0.5967

 16.9082, 0.3107,
0.2598

 18.0515, 0.3101,
0.2476

 19.2919, 0.3096,
0.2368

Harmonies

Analogous

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



11.4135, 0.3614, 0.4186



11.4135, 0.3131, 0.4101



11.4135, 0.2669, 0.3732

Triad

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



11.4135, 0.3131, 0.4101



11.4135, 0.2315, 0.2555



11.4135, 0.3969, 0.3258

Complementary

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



11.4135, 0.3131, 0.4101



8.1156, 0.3106, 0.2574

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.



11.4135, 0.3566, 0.2894



11.4135, 0.3131, 0.4101



11.4135, 0.2609, 0.2500

Square

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



11.4135, 0.3131, 0.4101



11.4135, 0.2223, 0.2806



11.4135, 0.3059, 0.2624



11.4135, 0.4123, 0.3653

Rectangle

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



11.4135, 0.3131, 0.4101



11.4135, 0.2432, 0.3401



11.4135, 0.3059, 0.2624



11.4135, 0.3857, 0.3130

Sweetspot

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



11.4140, 0.3131, 0.4101



22.1634, 0.3130, 0.3510



12.1838, 0.3573, 0.3933



5.1994, 0.3130, 0.3537



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.



11.4140, 0.3131, 0.4101



19.4697, 0.3129, 0.4309



11.4723, 0.2936, 0.3773



3.1543, 0.3130, 0.3501



12.2772, 0.3036, 0.5971



63.8435, 0.3018, 0.5985

Inverse Universe

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



8.1156, 0.3106, 0.2574



12.7420, 0.3098, 0.2417



8.0616, 0.3383, 0.2853



2.8761, 0.3123, 0.3086



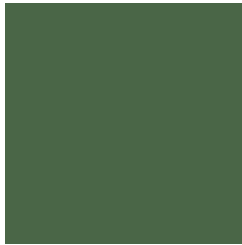
4.1471, 0.2974, 0.1412



21.4184, 0.2960, 0.1404

Previews

White Background



This preview shows how the Yxy color 11.4135, 0.3131, 0.4101 looks on a white background.

Color Contrast Check

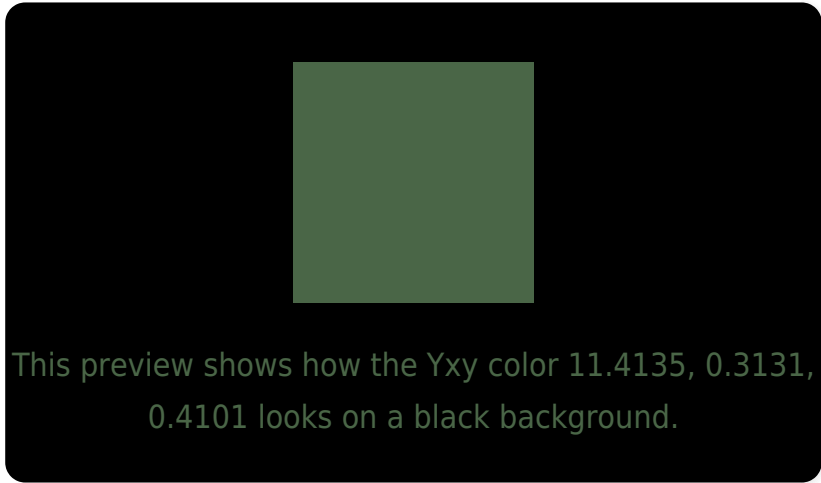
Large Text (above 18pt) WCAG AA ✓ Pass

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

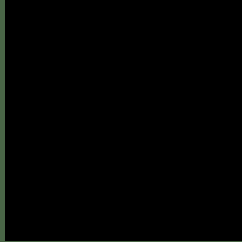
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 11.4135, 0.3131, 0.4101

Background



This preview shows how black text looks on a background with the Yxy color 11.4135, 0.3131, 0.4101.



This preview shows how white text looks on a background with the Yxy color 11.4135, 0.3131, 0.4101.

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

11.4135, 0.3131, 0.4101

Protanopia

11.4266, 0.3641, 0.3919

Deuteranopia

11.3427, 0.3742, 0.3691



Tritanopia

11.4608, 0.2784, 0.3121

Trichromacy



Original Color

11.4135, 0.3131, 0.4101

Protanomaly

11.4403, 0.3444, 0.3998

Deuteranomaly

11.2490, 0.3514, 0.3838

Tritanomaly

11.3337, 0.2907, 0.3439

Monochromacy



Original Color

11.4135, 0.3131, 0.4101

Achromatopsia

10.2242, 0.3127, 0.3290

Achromatomaly

10.5148, 0.3130, 0.3569

CSS Examples

Text

The CSS property to change the color of the text to Yxy 11.4135, 0.3131, 0.4101 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, 71)` looks like.

```
.text, #text, p{  
    color:rgb(74, 102, 71)  
}
```

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, 71) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(74, 102, 71) }
```

Border

The CSS property to change the border of an element to Yxy 11.4135, 0.3131, 0.4101 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, 71) }
```

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

```
.border{ border-color:rgb(74, 102, 71) }
```

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, 71)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(74, 102, 71); -webkit-box-  
shadow:4px 4px 4px 4px rgb(74, 102, 71);  
box-shadow:4px 4px 4px 4px rgb(74, 102,  
71) }
```


Background

The CSS property to change the background color of an element to Yxy 11.4135, 0.3131, 0.4101 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, 71) }
```

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

```
.background{ background-color: rgb(74, 102,  
71) }
```

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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