

Converting Colors

$Y_{xy}(11.0904, 0.3060, 0.4196)$

Have a look what the booklet for
Yxy(11.0904, 0.3060, 0.4196)
contains.

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Color

Yxy(11.1134, 0.3071, 0.4208)

Conversions

Conversions Part 1

Format	Color
Hex	436644
RGB	67, 102, 68
RGB Percent	26%, 40%, 27%
CMY	0.7372, 0.6000, 0.7333
CMYK	0.34, 0.00, 0.33, 0.60
HSL	122°, 21%, 33%
HSV	122°, 34%, 40%
XYZ	8.1106, 11.1134, 7.1862
YIQ	87.6590, -9.9460, -17.9940

Conversions

Conversions Part 2

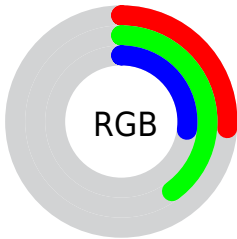
Format	Color
RYB	67, 101, 102
Decimal	4417092
CIELab	39.77, -20.26, 15.33
CIELCh	40, 25.411, 142.888
Yxy	11.1134, 0.3071, 0.4208
Android (android.graphics.Color)	4282607172 (0xFF436644)
YUV	87.6590, -9.6919, -18.1179
Hunter-Lab	33.3368, -14.9117, 10.5549

Details

The Yxy color **11.1134, 0.3071, 0.4208** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **7.7816, 0.3182, 0.2517**, and the grayscale version is **9.7050, 0.3127, 0.3290**.

A 20% lighter version of the original color is **27.7564, 0.3096, 0.3952**, and **2.9578, 0.2999, 0.4820** is the 20% darker color. If you saturate the color by 10%, you get **10.6734, 0.3053, 0.4530**, and if you desaturate by 10%, it is **11.6383, 0.3089, 0.3906**.

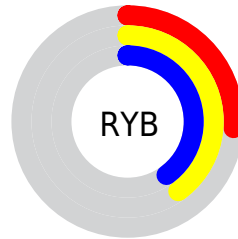
Distribution



 Red (26%)

 Green (40%)

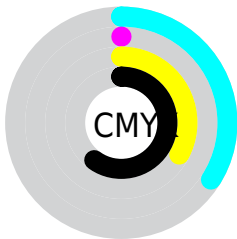
 Blue (27%)




 Red (26%)

 Yellow (40%)

 Blue (40%)

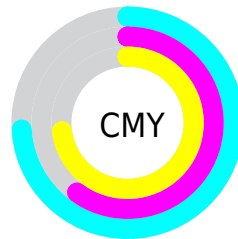


 Cyan (34%)


 Magenta (0%)

 Yellow (33%)

 Black (60%)



 Cyan (74%)


 Magenta (60%)


 Yellow (73%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 11.1134, 0.3071, 0.4208 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 11.1134, 0.3071, 0.4208 by changing the saturation by 10% instead.


 11.1134, 0.3071,
0.4208


 11.1134, 0.3071,
0.4208


198.4439, 0.3118,
0.3619


 6.1432, 0.3043,
0.4432

 27.8697, 0.3096,
0.3948


 2.9323, 0.2987,
0.4797


 40.4245, 0.3103,
0.3866

 1.0965, 0.3073,
0.6317

 56.2763, 0.3107,
0.3802

 0.0000, 0.0000,
0.0000

 75.8095, 0.3111,
0.3751

 99.4084, 0.3113,
0.3709

127.4576, 0.3115,

0.3674

160.3413, 0.3117,
0.3645

■ 11.1134, 0.3071,
0.4208

■ 11.1134, 0.3071,
0.4208

■ 10.6734, 0.3053,
0.4530

■ 11.6383, 0.3089,
0.3906

■ 10.3127, 0.3036,
0.4860

■ 12.2508, 0.3105,
0.3632

■ 10.0268, 0.3021,
0.5180


■ 12.9551, 0.3121,
0.3386


■ 9.8105, 0.3009,
0.5470


■ 13.7549, 0.3135,
0.3170

■ 9.6579, 0.3001,
0.5707

■ 14.6534, 0.3148,
0.2982

 9.5587, 0.2995,
0.5878

 15.6539, 0.3159,
0.2818

 9.5087, 0.2990,
0.5965

 16.7595, 0.3170,
0.2677

 17.9730, 0.3179,
0.2554

 19.2974, 0.3187,
0.2448

Harmonies

Analogous

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



11.1134, 0.3629, 0.4330



11.1134, 0.3071, 0.4208



11.1134, 0.2556, 0.3749

Triad

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



11.1134, 0.3071, 0.4208



11.1134, 0.2227, 0.2437



11.1134, 0.4128, 0.3287

Complementary

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



11.1134, 0.3071, 0.4208



7.7816, 0.3182, 0.2517

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.



11.1134, 0.3683, 0.2873



11.1134, 0.3071, 0.4208



11.1134, 0.2575, 0.2400

Square

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



11.1134, 0.3071, 0.4208



11.1134, 0.2101, 0.2694



11.1134, 0.3100, 0.2558



11.1134, 0.4270, 0.3732

Rectangle

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



11.1134, 0.3071, 0.4208



11.1134, 0.2303, 0.3357



11.1134, 0.3100, 0.2558



11.1134, 0.4008, 0.3142

Sweetspot

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



11.1139, 0.3071, 0.4208



21.9608, 0.3112, 0.3530



12.6987, 0.3600, 0.4089



5.1527, 0.3110, 0.3554



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.



11.1139, 0.3071, 0.4208



18.8709, 0.3057, 0.4461



11.3539, 0.2864, 0.3733



3.1438, 0.3114, 0.3496



12.2116, 0.2991, 0.5969



63.6680, 0.2997, 0.5987

Inverse Universe

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



7.7816, 0.3182, 0.2517



12.0770, 0.3195, 0.2345



7.4806, 0.3507, 0.2888



2.8878, 0.3140, 0.3092



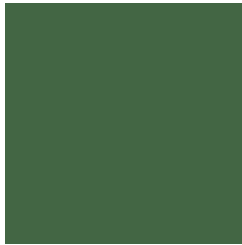
4.7876, 0.3277, 0.1579



24.9475, 0.3281, 0.1581

Previews

White Background



This preview shows how the Yxy color 11.1134, 0.3071, 0.4208 looks on a white background.

Color Contrast Check

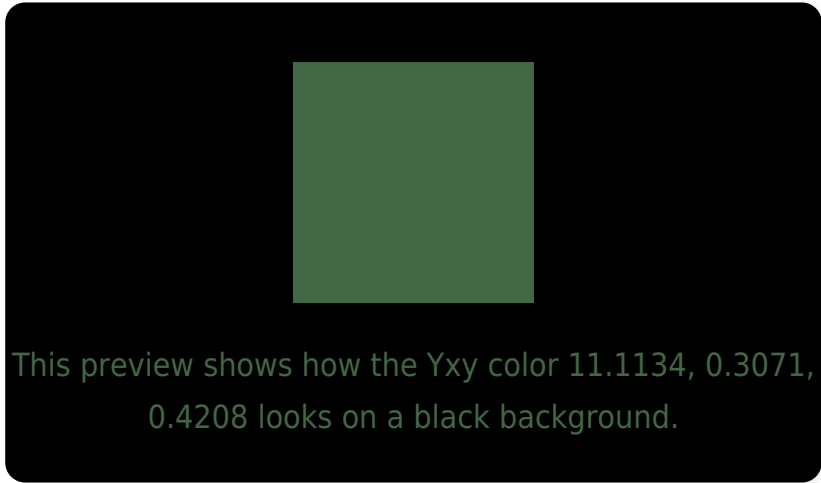
Large Text (above 18pt) WCAG AA ✓ Pass

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

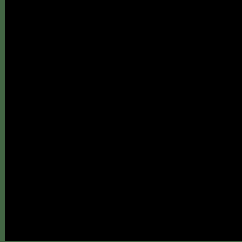
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 11.1134, 0.3071, 0.4208

Background



This preview shows how black text looks on a background with the Yxy color 11.1134, 0.3071, 0.4208.



This preview shows how white text looks on a background with the Yxy color 11.1134, 0.3071, 0.4208.

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

11.1134, 0.3071, 0.4208

Protanopia

10.9656, 0.3698, 0.3973

Deuteranopia

11.0823, 0.3765, 0.3717



Tritanopia

11.0252, 0.2706, 0.3092

Trichromacy



Original Color

11.1134, 0.3071, 0.4208

Protanomaly

10.8712, 0.3462, 0.4066

Deuteranomaly

10.8273, 0.3483, 0.3878

Tritanomaly

11.0360, 0.2827, 0.3469

Monochromacy



Original Color

11.1134, 0.3071, 0.4208

Achromatopsia

9.7587, 0.3127, 0.3290

Achromatomaly

10.1283, 0.3097, 0.3602

CSS Examples

Text

The CSS property to change the color of the text to Yxy 11.1134, 0.3071, 0.4208 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(67, 102, 68)` looks like.

```
.text, #text, p{  
    color:rgb(67, 102, 68)  
}
```

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(67, 102, 68) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(67, 102, 68) }
```

Border

The CSS property to change the border of an element to Yxy 11.1134, 0.3071, 0.4208 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(67, 102, 68) }
```

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

```
.border{ border-color:rgb(67, 102, 68) }
```

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

Here you see how a box with a 4 pixel `rgb(67, 102, 68)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(67, 102, 68); -webkit-box-  
shadow:4px 4px 4px 4px rgb(67, 102, 68);  
box-shadow:4px 4px 4px 4px rgb(67, 102,  
68) }
```


Background

The CSS property to change the background color of an element to Yxy 11.1134, 0.3071, 0.4208 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(67, 102, 68) }
```

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

```
.background{ background-color: rgb(67, 102,  
68) }
```

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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