

Converting Colors

$Yxy(11.5199, 0.3074, 0.4427)$

Have a look what the booklet for
Yxy(11.5199, 0.3074, 0.4427)
contains.

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Color

Yxy(11.5188, 0.3074, 0.4427)

Conversions

Conversions Part 1

Format	Color
Hex	3F693F
RGB	63, 105, 63
RGB Percent	25%, 41%, 25%
CMY	0.7529, 0.5882, 0.7530
CMYK	0.40, 0.00, 0.40, 0.59
HSL	120°, 25%, 33%
HSV	120°, 40%, 41%
XYZ	7.9984, 11.5188, 6.5023
YIQ	87.6540, -11.5500, -21.9660

Conversions

Conversions Part 2

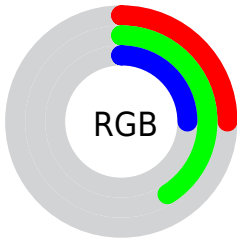
Format	Color
RYB	63, 105, 105
Decimal	4155711
CIELab	40.44, -24.17, 19.14
CIELCh	40, 30.831, 141.631
Yxy	11.5188, 0.3074, 0.4427
Android (android.graphics.Color)	4282345791 (0xFF3F693F)
YUV	87.6540, -12.1544, -21.6216
Hunter-Lab	33.9394, -17.3274, 12.3985

Details

The Yxy color **11.5188, 0.3074, 0.4427** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **7.5761, 0.3170, 0.2366**, and the grayscale version is **9.7084, 0.3127, 0.3290**.

A 20% lighter version of the original color is **28.7723, 0.3107, 0.4113**, and **3.0666, 0.2964, 0.5160** is the 20% darker color. If you saturate the color by 10%, you get **11.0996, 0.3058, 0.4764**, and if you desaturate by 10%, it is **12.0273, 0.3089, 0.4103**.

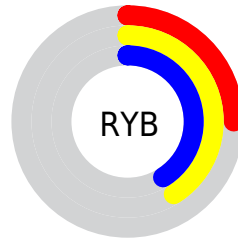
Distribution



Red (25%)

Green (41%)

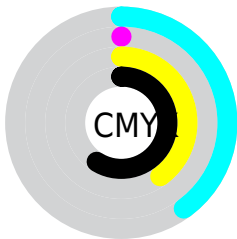
Blue (25%)



Red (25%)

Yellow (41%)

Blue (41%)

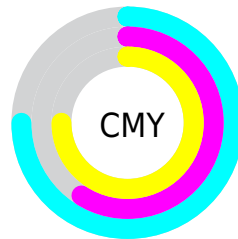


Cyan (40%)

Magenta (0%)

Yellow (40%)

Black (59%)



Cyan (75%)


Magenta (59%)


Yellow (75%)


Brightness & Saturation Gradients


These gradients show how the Yxy color 11.5188, 0.3074, 0.4427 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 11.5188, 0.3074, 0.4427 by changing the saturation by 10% instead.


 11.5188, 0.3074,
0.4427


 11.5188, 0.3074,
0.4427


 201.1931, 0.3125,
0.3697


 6.4169, 0.3039,
0.4704


 28.6156, 0.3104,
0.4105


 3.1002, 0.2965,
0.5150

 41.3793, 0.3111,
0.4003

 1.1843, 0.3004,
0.6996

 57.4658, 0.3116,
0.3924

 0.0488, 0.0000,
1.0000

 77.2594, 0.3119,
0.3860

 0.0000, 0.0000,
0.0000

 101.1445, 0.3121,
0.3808

 129.5056, 0.3123,

0.3765

162.7270, 0.3124,
0.3728

■ 11.5188, 0.3074,
0.4427

■ 11.5188, 0.3074,
0.4427

■ 11.0996, 0.3058,
0.4764

■ 12.0273, 0.3089,
0.4103

■ 10.7632, 0.3043,
0.5097

■ 12.6282, 0.3103,
0.3802

■ 10.5046, 0.3028,
0.5404


■ 13.3264, 0.3116,
0.3531

■ 10.3174, 0.3016,
0.5661


■ 14.1259, 0.3127,
0.3290

■ 10.1946, 0.3007,
0.5849

■ 15.0306, 0.3137,
0.3080

 10.1040, 0.3000,
0.6000

 16.0440, 0.3145,
0.2897

 17.1696, 0.3153,
0.2739

 18.4107, 0.3159,
0.2603

 19.7704, 0.3165,
0.2485

Harmonies

Analogous

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



11.5188, 0.3733, 0.4534



11.5188, 0.3074, 0.4427



11.5188, 0.2464, 0.3875

Triad

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



11.5188, 0.3074, 0.4427



11.5188, 0.2059, 0.2290



11.5188, 0.4313, 0.3249

Complementary

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



11.5188, 0.3074, 0.4427



7.5761, 0.3170, 0.2366

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.



11.5188, 0.3762, 0.2777



11.5188, 0.3074, 0.4427



11.5188, 0.2448, 0.2246

Square

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



11.5188, 0.3074, 0.4427



11.5188, 0.1925, 0.2589



11.5188, 0.3059, 0.2422



11.5188, 0.4493, 0.3766

Rectangle

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



11.5188, 0.3074, 0.4427



11.5188, 0.2165, 0.3390



11.5188, 0.3059, 0.2422



11.5188, 0.4163, 0.3083

Sweetspot

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



11.5193, 0.3074, 0.4427



23.5539, 0.3113, 0.3591



13.3239, 0.3694, 0.4205



5.4921, 0.3112, 0.3613



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.



11.5193, 0.3074, 0.4427



19.9171, 0.3059, 0.4743



11.7892, 0.2842, 0.3862



3.4448, 0.3117, 0.3504



12.7929, 0.3000, 0.6000



65.1844, 0.3000, 0.6000

Inverse Universe

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



7.5761, 0.3170, 0.2366



11.7858, 0.3179, 0.2168



7.2080, 0.3567, 0.2786



3.1638, 0.3137, 0.3084



5.0913, 0.3208, 0.1541



25.9417, 0.3208, 0.1541

Previews

White Background



This preview shows how the Yxy color 11.5188, 0.3074, 0.4427 looks on a white background.

Color Contrast Check

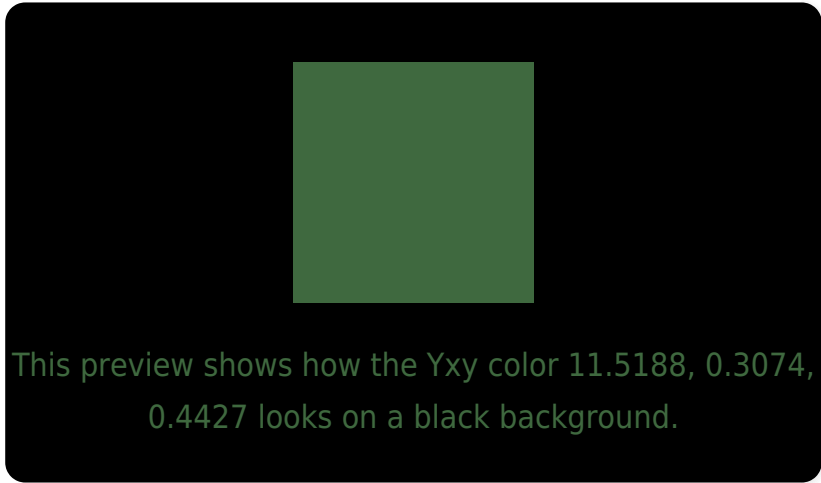
Large Text (above 18pt) WCAG AA ✓ Pass

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

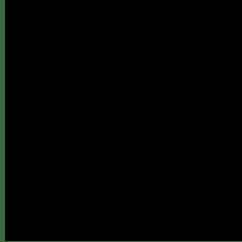
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 11.5188, 0.3074, 0.4427

Background



This preview shows how black text looks on a background with the Yxy color 11.5188, 0.3074, 0.4427.



This preview shows how white text looks on a background with the Yxy color 11.5188, 0.3074, 0.4427.

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

11.5188, 0.3074, 0.4427

Protanopia

11.4432, 0.3807, 0.4113

Deuteranopia

11.3862, 0.3888, 0.3838



Tritanopia

11.5748, 0.2656, 0.3094

Trichromacy



Original Color

11.5188, 0.3074, 0.4427

Protanomaly

11.3738, 0.3514, 0.4253

Deuteranomaly

11.1803, 0.3561, 0.4040

Tritanomaly

11.5407, 0.2807, 0.3546

Monochromacy



Original Color

11.5188, 0.3074, 0.4427

Achromatopsia

9.7587, 0.3127, 0.3290

Achromatomaly

10.2322, 0.3109, 0.3682

CSS Examples

Text

The CSS property to change the color of the text to Yxy 11.5188, 0.3074, 0.4427 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(63, 105, 63)` looks like.

```
.text, #text, p{  
    color:rgb(63, 105, 63)  
}
```

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(63, 105, 63) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(63, 105, 63) }
```

Border

The CSS property to change the border of an element to Yxy 11.5188, 0.3074, 0.4427 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(63, 105, 63) }
```

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

```
.border{ border-color:rgb(63, 105, 63) }
```

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

Here you see how a box with a 4 pixel `rgb(63, 105, 63)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(63, 105, 63); -webkit-box-  
shadow:4px 4px 4px 4px rgb(63, 105, 63);  
box-shadow:4px 4px 4px 4px rgb(63, 105,  
63) }
```


Background

The CSS property to change the background color of an element to Yxy 11.5188, 0.3074, 0.4427 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(63, 105, 63) }
```

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

```
.background{ background-color: rgb(63, 105,  
63) }
```

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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