

Converting Colors

$Y_{xy}(11.5166, 0.3745, 0.4952)$

Have a look what the booklet for
Yxy(11.5166, 0.3745, 0.4952)
contains.

Yxy(11.5330, 0.3747, 0.4941)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(11.5330, 0.3747, 0.4941)

Conversions

Conversions Part 1

Format	Color
Hex	55661F
RGB	85, 102, 31
RGB Percent	33%, 40%, 12%
CMY	0.6666, 0.6000, 0.8784
CMYK	0.17, 0.00, 0.70, 0.60
HSL	74°, 53%, 26%
HSV	74°, 70%, 40%
XYZ	8.7460, 11.5330, 3.0624
YIQ	88.8230, 12.6590, -25.6850

Conversions

Conversions Part 2

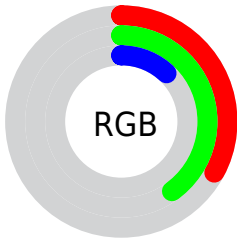
Format	Color
R_{YB}	31, 102, 48
Decimal	5596703
CIE _{Lab}	40.46, -17.65, 36.53
CIE _{LCh}	40, 40.569, 115.785
Yxy	11.5330, 0.3747, 0.4941
Android (android.graphics.Color)	4283786783 (0xFF55661F)
YUV	88.8230, -28.5067, -3.3528
Hunter-Lab	33.9603, -13.4601, 18.4257

Details

The Yxy color **11.5330, 0.3747, 0.4941** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **2.5685, 0.2104, 0.1315**, and the grayscale version is **10.0120, 0.3127, 0.3290**.

A 20% lighter version of the original color is **28.6653, 0.3641, 0.4515**, and **3.1444, 0.3732, 0.5419** is the 20% darker color. If you saturate the color by 10%, you get **11.3757, 0.3783, 0.5114**, and if you desaturate by 10%, it is **11.7124, 0.3690, 0.4735**.

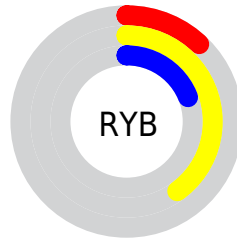
Distribution



Red (33%)

Green (40%)

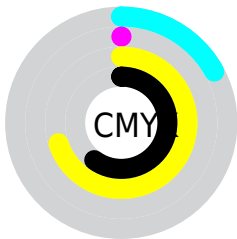
Blue (12%)



Red (12%)

Yellow (40%)

Blue (19%)

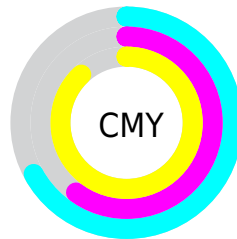


Cyan (17%)

Magenta (0%)

Yellow (70%)

Black (60%)



Cyan (67%)

Magenta (60%)

Yellow (88%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 11.5330, 0.3747, 0.4941 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 11.5330, 0.3747, 0.4941 by changing the saturation by 10% instead.

■ 11.5330, 0.3747,
0.4941

■ 11.5330, 0.3747,
0.4941

■ 201.2886, 0.3418,
0.3915

■ 6.4265, 0.3801,
0.5274

■ 28.6417, 0.3634,
0.4510

■ 3.1061, 0.3994,
0.6006

■ 41.4126, 0.3588,
0.4366

■ 1.1874, 0.3608,
0.6392

■ 57.5073, 0.3548,
0.4252

■ 0.0514, 0.0000,
1.0000

■ 77.3099, 0.3514,
0.4159

■ 0.0000, 0.0000,
0.0000

■ 101.2050, 0.3485,
0.4082

■ 129.5768, 0.3459,

0.4017

162.8099, 0.3437,
0.3962

11.5330, 0.3747,
0.4941

11.5330, 0.3747,
0.4941

11.3757, 0.3783,
0.5114

11.7124, 0.3690,
0.4735

11.2371, 0.3796,
0.5248

11.9137, 0.3615,
0.4504

11.1102, 0.3798,
0.5362

12.1388, 0.3528,
0.4258

11.1051, 0.3798,
0.5366

12.3890, 0.3431,
0.4005

12.6654, 0.3329,
0.3755

■ 12.9690, 0.3225,
0.3512

■ 13.3008, 0.3123,
0.3281

■ 13.6617, 0.3024,
0.3065

■ 14.0527, 0.2930,
0.2864

Harmonies

Analogous

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



11.5330, 0.4475, 0.4539



11.5330, 0.3747, 0.4941



11.5330, 0.2904, 0.4767

Triad

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



11.5330, 0.3747, 0.4941



11.5330, 0.1625, 0.2297



11.5330, 0.4075, 0.2703

Complementary

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



11.5330, 0.3747, 0.4941



2.5685, 0.2104, 0.1315

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.



11.5330, 0.3148, 0.2248



11.5330, 0.3747, 0.4941



11.5330, 0.1830, 0.1998

Square

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



11.5330, 0.3747, 0.4941



11.5330, 0.1727, 0.2960



11.5330, 0.2343, 0.1998



11.5330, 0.4751, 0.3286

Rectangle

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



11.5330, 0.3747, 0.4941



11.5330, 0.2386, 0.4259



11.5330, 0.2343, 0.1998



11.5330, 0.3773, 0.2533

Sweetspot

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



11.5335, 0.3747, 0.4941



22.1114, 0.3349, 0.3805



5.0034, 0.4948, 0.3658



5.1944, 0.3368, 0.3851



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.



11.5335, 0.3747, 0.4941



19.7815, 0.3795, 0.5210



10.2783, 0.3230, 0.5261



3.2366, 0.3218, 0.3496



14.2447, 0.3793, 0.5371



73.8779, 0.3769, 0.5390

Inverse Universe

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



2.5685, 0.2104, 0.1315



2.8520, 0.1845, 0.0925



3.7823, 0.2785, 0.1630



2.7924, 0.3031, 0.3080



1.4714, 0.1667, 0.0692



7.3245, 0.1622, 0.0667

Previews

White Background



This preview shows how the Yxy color 11.5330, 0.3747, 0.4941 looks on a white background.

Color Contrast Check

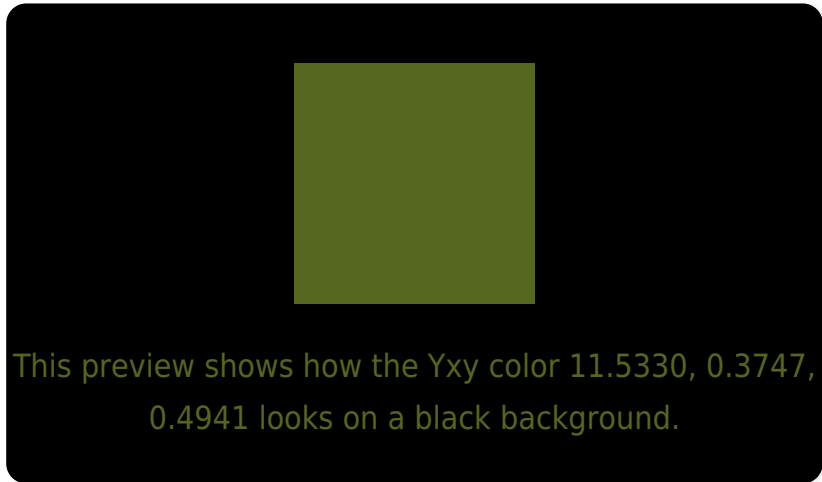
Large Text (above 18pt) WCAG AA ✓ Pass

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

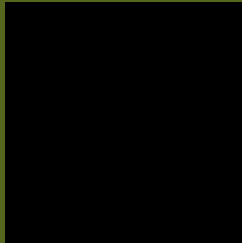
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 11.5330, 0.3747, 0.4941

Background



This preview shows how black text looks on a background with the Yxy color 11.5330, 0.3747, 0.4941.



This preview shows how white text looks on a background with the Yxy color 11.5330, 0.3747, 0.4941.

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

11.5330, 0.3747, 0.4941

Protanopia

11.3989, 0.4220, 0.4635

Deuteranopia

11.5255, 0.4417, 0.4369



Tritanopia

11.4908, 0.2987, 0.3105

Trichromacy



Original Color

11.5330, 0.3747, 0.4941

Protanomaly

11.4818, 0.4035, 0.4752

Deuteranomaly

11.4257, 0.4171, 0.4563

Tritanomaly

11.4448, 0.3300, 0.3805

Monochromacy



Original Color

11.5330, 0.3747, 0.4941

Achromatopsia

9.9899, 0.3127, 0.3290

Achromatomaly

10.4975, 0.3412, 0.3949

CSS Examples

Text

The CSS property to change the color of the text to Yxy 11.5330, 0.3747, 0.4941 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(85, 102, 31)` looks like.

```
.text, #text, p{  
    color:rgb(85, 102, 31)  
}
```

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(85, 102, 31) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(85, 102, 31) }
```

Border

The CSS property to change the border of an element to Yxy 11.5330, 0.3747, 0.4941 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(85, 102, 31) }
```

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

```
.border{ border-color:rgb(85, 102, 31) }
```

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

Here you see how a box with a 4 pixel rgb(85, 102, 31) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(85, 102, 31); -webkit-box-  
shadow:4px 4px 4px 4px rgb(85, 102, 31);  
box-shadow:4px 4px 4px 4px rgb(85, 102,  
31) }
```


Background

The CSS property to change the background color of an element to Yxy 11.5330, 0.3747, 0.4941 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(85, 102, 31) }
```

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

```
.background{ background-color: rgb(85, 102,  
31) }
```

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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