

Converting Colors

$Y_{xy}(15.0389, 0.4061, 0.5010)$

Have a look what the booklet for
Yxy(15.0389, 0.4061, 0.5010)
contains.

Yxy(15.0389, 0.4061, 0.5010)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(15.0389, 0.4061, 0.5010)

Conversions

Conversions Part 1

Format	Color
Hex	6C7111
RGB	108, 113, 17
RGB Percent	42%, 44%, 7%
CMY	0.5765, 0.5568, 0.9335
CMYK	0.04, 0.00, 0.85, 0.56
HSL	63°, 74%, 25%
HSV	63°, 85%, 44%
XYZ	12.1902, 15.0389, 2.7887
YIQ	100.5610, 27.8360, -30.9160

Conversions

Conversions Part 2

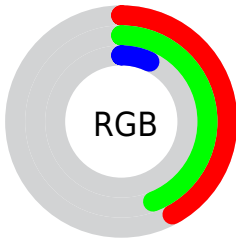
Format	Color
RYB	17, 113, 22
Decimal	7106833
CIELab	45.69, -13.74, 47.40
CIELCh	46, 49.356, 106.167
Yxy	15.0389, 0.4061, 0.5010
Android (android.graphics.Color)	4285296913 (0xFF6C7111)
YUV	100.5610, -41.1956, 6.5240
Hunter-Lab	38.7800, -11.7549, 22.8825

Details

The Yxy color **15.0389, 0.4061, 0.5010** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **1.7621, 0.1668, 0.0837**, and the grayscale version is **12.9966, 0.3127, 0.3290**.

A 20% lighter version of the original color is **35.0466, 0.3895, 0.4629**, and **4.6505, 0.4003, 0.5204** is the 20% darker color. If you saturate the color by 10%, you get **14.9748, 0.4093, 0.5086**, and if you desaturate by 10%, it is **15.1214, 0.4008, 0.4897**.

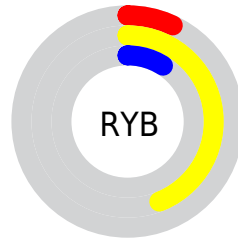
Distribution



Red (42%)

Green (44%)

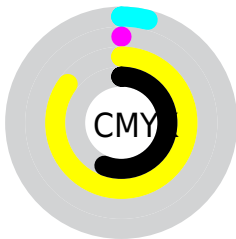
Blue (7%)



Red (7%)

Yellow (44%)

Blue (9%)

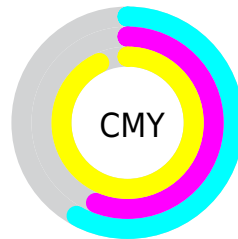


Cyan (4%)

Magenta (0%)

Yellow (85%)

Black (56%)



Cyan (58%)


Magenta (56%)


Yellow (93%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 15.0389, 0.4061, 0.5010 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 15.0389, 0.4061, 0.5010 by changing the saturation by 10% instead.


 15.0389, 0.4061,
0.5010


 15.0389, 0.4061,
0.5010


223.6016, 0.3582,
0.4017


 8.8467, 0.4140,
0.5272


 34.9214, 0.3902,
0.4627


 4.6413, 0.4281,
0.5719


 49.3805, 0.3836,
0.4488

 2.0384, 0.4088,
0.5912

 67.3640, 0.3778,
0.4373

 0.6296, 0.2946,
0.7054


 89.2563, 0.3727,
0.4278


 0.0000, 0.0000,
0.0000


 115.4418, 0.3684,
0.4197


 146.3049, 0.3646,


0.4128


 182.2301, 0.3612,
0.4069

 15.0389, 0.4061,
0.5010

 15.0389, 0.4061,
0.5010


 14.9748, 0.4093,
0.5086

 15.1214, 0.4008,
0.4897

 14.9441, 0.4107,
0.5121

 15.2238, 0.3931,
0.4746

 15.3490, 0.3834,
0.4562

 15.4985, 0.3720,
0.4350

 15.6742, 0.3595,
0.4121

■ 15.8774, 0.3462,
0.3882

■ 16.1096, 0.3327,
0.3641

■ 16.3719, 0.3193,
0.3405

■ 16.6656, 0.3063,
0.3178

Harmonies

Analogous

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



15.0389, 0.4784, 0.4418



15.0389, 0.4061, 0.5010



15.0389, 0.3154, 0.5108

Triad

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



15.0389, 0.4061, 0.5010



15.0389, 0.1491, 0.2371



15.0389, 0.3853, 0.2466

Complementary

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



15.0389, 0.4061, 0.5010



1.7621, 0.1668, 0.0837

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.



15.0389, 0.2829, 0.2042



15.0389, 0.4061, 0.5010



15.0389, 0.1610, 0.1941

Square

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



15.0389, 0.4061, 0.5010



15.0389, 0.1704, 0.3231



15.0389, 0.2049, 0.1853



15.0389, 0.4749, 0.3055

Rectangle

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



15.0389, 0.4061, 0.5010



15.0389, 0.2556, 0.4700



15.0389, 0.2049, 0.1853



15.0389, 0.3502, 0.2302

Sweetspot

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



15.0396, 0.4061, 0.5010



28.4030, 0.3471, 0.3898



4.1160, 0.5871, 0.3359



6.5451, 0.3507, 0.3963



58.7016, 0.3127, 0.3290



6.8385, 0.3127, 0.3290

Same Dimension

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



15.0396, 0.4061, 0.5010



26.7405, 0.4104, 0.5123



12.8178, 0.3384, 0.5505



3.9078, 0.3246, 0.3499



16.9477, 0.4106, 0.5122



84.3057, 0.4101, 0.5126

Inverse Universe

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



1.7621, 0.1668, 0.0837



2.1847, 0.1521, 0.0611



2.8859, 0.2327, 0.1180



3.3080, 0.3003, 0.3074



1.3927, 0.1527, 0.0615



6.8218, 0.1511, 0.0606

Previews

White Background



This preview shows how the Yxy color 15.0389, 0.4061, 0.5010 looks on a white background.

Color Contrast Check

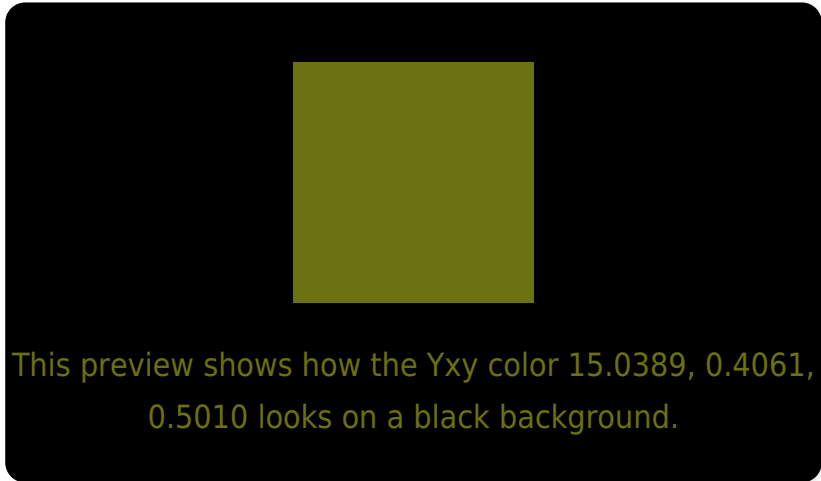
Large Text (above 18pt) WCAG AA ✓ Pass

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

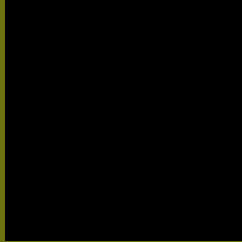
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 15.0389, 0.4061, 0.5010

Background



This preview shows how black text looks on a background with the Yxy color 15.0389, 0.4061, 0.5010.



This preview shows how white text looks on a background with the Yxy color 15.0389, 0.4061, 0.5010.

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

15.0389, 0.4061, 0.5010

Protanopia

14.9001, 0.4344, 0.4801

Deuteranopia

15.0007, 0.4579, 0.4528



Tritanopia

15.0084, 0.3177, 0.3129

Trichromacy



Original Color

15.0389, 0.4061, 0.5010

Protanomaly

14.9712, 0.4240, 0.4881

Deuteranomaly

15.0052, 0.4392, 0.4708

Tritanomaly

14.7859, 0.3595, 0.3924

Monochromacy



Original Color

15.0389, 0.4061, 0.5010

Achromatopsia

13.0136, 0.3127, 0.3290

Achromatomaly

13.4884, 0.3582, 0.4072

CSS Examples

Text

The CSS property to change the color of the text to Yxy 15.0389, 0.4061, 0.5010 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(108, 113, 17)` looks like.

```
.text, #text, p{  
    color:rgb(108, 113, 17)  
}
```

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(108, 113, 17) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(108, 113, 17) }
```

Border

The CSS property to change the border of an element to Yxy 15.0389, 0.4061, 0.5010 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(108, 113, 17) }
```

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

```
.border{ border-color:rgb(108, 113, 17) }
```

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

Here you see how a box with a 4 pixel `rgb(108, 113, 17)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(108, 113, 17); -webkit-box-  
shadow:4px 4px 4px 4px rgb(108, 113, 17);  
box-shadow:4px 4px 4px 4px rgb(108, 113,  
17) }
```


Background

The CSS property to change the background color of an element to Yxy 15.0389, 0.4061, 0.5010 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(108, 113, 17) }
```

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

```
.background{ background-color: rgb(108,  
113, 17) }
```

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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