

Converting Colors

$Y_{xy}(15.1141, 0.4035, 0.5537)$

Have a look what the booklet for
Yxy(15.1141, 0.4035, 0.5537)
contains.

Yxy(15.2640, 0.3906, 0.5281)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(15.2640, 0.3906, 0.5281)

Conversions

Conversions Part 1

Format	Color
Hex	617500
RGB	97, 117, 0
RGB Percent	38%, 46%, 0%
CMY	0.6197, 0.5411, 1.0000
CMYK	0.17, 0.00, 1.00, 0.54
HSL	70°, 100%, 23%
HSV	70°, 100%, 46%
XYZ	11.2898, 15.2640, 2.3499
YIQ	97.6820, 25.6370, -40.6270

Conversions

Conversions Part 2

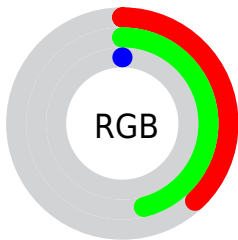
Format	Color
RYB	0, 117, 20
Decimal	6386944
CIELab	45.99, -21.43, 51.20
CIElCh	46, 55.507, 112.712
Yxy	15.2640, 0.3906, 0.5281
Android (android.graphics.Color)	4284577024 (0xFF617500)
YUV	97.6820, -48.1572, -0.5981
Hunter-Lab	39.0692, -16.7902, 23.7823

Details

The Yxy color **15.2640, 0.3906, 0.5281** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **1.4335, 0.1601, 0.0656**, and the grayscale version is **12.2479, 0.3127, 0.3290**.

A 20% lighter version of the original color is **35.3141, 0.3804, 0.4823**, and **4.8371, 0.3676, 0.5463** is the 20% darker color. If you saturate the color by 10%, you get **15.2648, 0.3906, 0.5281**, and if you desaturate by 10%, it is **15.4020, 0.3899, 0.5190**.

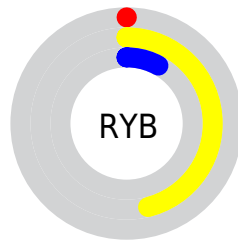
Distribution



Red (38%)

Green (46%)

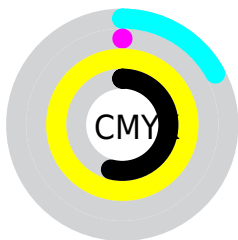
Blue (0%)



Red (0%)

Yellow (46%)

Blue (8%)

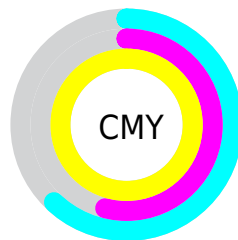


Cyan (17%)

Magenta (0%)

Yellow (100%)

Black (54%)



Cyan (62%)

Magenta (54%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 15.2640, 0.3906, 0.5281 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 15.2640, 0.3906, 0.5281 by changing the saturation by 10% instead.

■ 15.2640, 0.3906,
0.5281

■ 15.2640, 0.3906,
0.5281

■ 224.9586, 0.3544,
0.4120

■ 9.0049, 0.3933,
0.5595

■ 35.3157, 0.3805,
0.4830

■ 4.7444, 0.3944,
0.6056

■ 49.8770, 0.3755,
0.4667

■ 2.0981, 0.3641,
0.6359

■ 67.9745, 0.3709,
0.4533

■ 0.6635, 0.1394,
0.8606

■ 89.9926, 0.3668,
0.4422


■ 0.0000, 0.0000,
0.0000

■ 116.3156, 0.3631,
0.4328


■ 147.3281, 0.3599,


0.4248


 183.4143, 0.3570,
0.4179

 15.2640, 0.3906,
0.5281


 15.2640, 0.3906,
0.5281


 15.2648, 0.3906,
0.5281

 15.4020, 0.3899,
0.5190

 15.5538, 0.3878,
0.5075

 15.7292, 0.3834,
0.4919

 15.9307, 0.3767,
0.4727

 16.1604, 0.3682,
0.4507

■ 16.4201, 0.3582,
0.4268

■ 16.7115, 0.3472,
0.4019

■ 17.0362, 0.3358,
0.3769

■ 17.3956, 0.3241,
0.3525

Harmonies

Analogous

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



15.2640, 0.4776, 0.4647



15.2640, 0.3906, 0.5281



15.2640, 0.2904, 0.5254

Triad

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



15.2640, 0.3906, 0.5281



15.2640, 0.1349, 0.2124



15.2640, 0.4183, 0.2509

Complementary

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



15.2640, 0.3906, 0.5281



1.4335, 0.1601, 0.0656

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.



15.2640, 0.3021, 0.2009



15.2640, 0.3906, 0.5281



15.2640, 0.1549, 0.1765

Square

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



15.2640, 0.3906, 0.5281



15.2640, 0.1483, 0.2953



15.2640, 0.2094, 0.1748



15.2640, 0.5082, 0.3160

Rectangle

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



15.2640, 0.3906, 0.5281



15.2640, 0.2279, 0.4655



15.2640, 0.2094, 0.1748



15.2640, 0.3795, 0.2320

Sweetspot

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



15.2648, 0.3906, 0.5281



29.8791, 0.3481, 0.4039



4.2653, 0.6178, 0.3477



6.8290, 0.3518, 0.4121



60.3827, 0.3127, 0.3290



7.3239, 0.3127, 0.3290

Same Dimension

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



15.2648, 0.3906, 0.5281



27.2807, 0.3898, 0.5287



13.1556, 0.3197, 0.5843



4.2361, 0.3230, 0.3501



16.8106, 0.3904, 0.5282



81.5945, 0.3888, 0.5295

Inverse Universe

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



1.4335, 0.1601, 0.0656



2.5219, 0.1585, 0.0647



2.9044, 0.2414, 0.1104



3.6172, 0.3019, 0.3073



1.5739, 0.1598, 0.0654



7.4043, 0.1565, 0.0636

Previews

White Background



This preview shows how the Yxy color 15.2640, 0.3906, 0.5281 looks on a white background.

Color Contrast Check

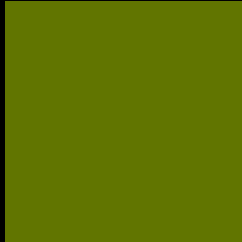
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Yxy color 15.2640, 0.3906, 0.5281 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

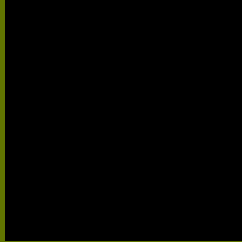
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 15.2640, 0.3906, 0.5281

Background



This preview shows how black text looks on a background with the Yxy color 15.2640, 0.3906, 0.5281.



This preview shows how white text looks on a background with the Yxy color 15.2640, 0.3906, 0.5281.

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

15.2640, 0.3906, 0.5281

Protanopia

15.1482, 0.4400, 0.4888

Deuteranopia

15.0730, 0.4611, 0.4542



Tritanopia

15.2858, 0.2989, 0.3125

Trichromacy



Original Color

15.2640, 0.3906, 0.5281

Protanomaly

15.1657, 0.4223, 0.5029

Deuteranomaly

14.8918, 0.4357, 0.4820

Tritanomaly

14.9663, 0.3478, 0.4124

Monochromacy



Original Color

15.2640, 0.3906, 0.5281

Achromatopsia

12.2139, 0.3127, 0.3290

Achromatomaly

13.0476, 0.3592, 0.4277

CSS Examples

Text

The CSS property to change the color of the text to Yxy 15.2640, 0.3906, 0.5281 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(97, 117, 0)` looks like.

```
.text, #text, p{  
    color:rgb(97, 117, 0)  
}
```

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(97, 117, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(97, 117, 0) }
```

Border

The CSS property to change the border of an element to Yxy 15.2640, 0.3906, 0.5281 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(97, 117, 0) }
```

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

```
.border{ border-color:rgb(97, 117, 0) }
```

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

Here you see how a box with a 4 pixel rgb(97, 117, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(97, 117, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(97, 117, 0);  
box-shadow:4px 4px 4px 4px rgb(97, 117, 0)  
}
```


Background

The CSS property to change the background color of an element to Yxy 15.2640, 0.3906, 0.5281 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(97, 117, 0) }
```

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

```
.background{ background-color: rgb(97, 117,  
0) }
```

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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