

Converting Colors

$Y_{xy}(15.1758, 0.3860, 0.5317)$

Have a look what the booklet for
Yxy(15.1758, 0.3860, 0.5317)
contains.

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Color

Yxy(15.1023, 0.3863, 0.5315)

Conversions

Conversions Part 1

Format	Color
Hex	5E7500
RGB	94, 117, 0
RGB Percent	37%, 46%, 0%
CMY	0.6314, 0.5412, 1.0000
CMYK	0.20, 0.00, 1.00, 0.54
HSL	72°, 100%, 23%
HSV	72°, 100%, 46%
XYZ	10.9765, 15.1023, 2.3357
YIQ	96.7850, 23.8490, -41.2630

Conversions

Conversions Part 2

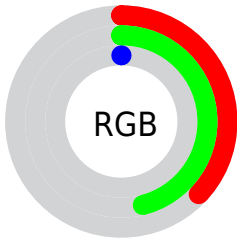
Format	Color
RYB	0, 117, 23
Decimal	6190336
CIELab	45.77, -22.78, 50.94
CIElCh	46, 55.797, 114.094
Yxy	15.1023, 0.3863, 0.5315
Android (android.graphics.Color)	4284380416 (0xFF5E7500)
YUV	96.7850, -47.7150, -2.4424
Hunter-Lab	38.8617, -17.5904, 23.6397

Details

The Yxy color **15.1023, 0.3863, 0.5315** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **1.4668, 0.1623, 0.0668**, and the grayscale version is **12.0134, 0.3127, 0.3290**.

A 20% lighter version of the original color is **35.0196, 0.3779, 0.4852**, and **4.7698, 0.3612, 0.5514** is the 20% darker color. If you saturate the color by 10%, you get **15.1030, 0.3863, 0.5315**, and if you desaturate by 10%, it is **15.2523, 0.3861, 0.5220**.

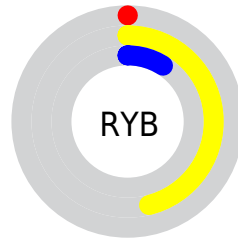
Distribution



Red (37%)

Green (46%)

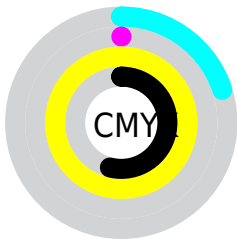
Blue (0%)



Red (0%)

Yellow (46%)

Blue (9%)

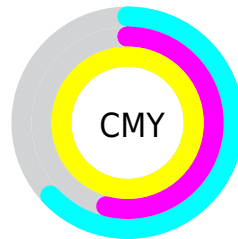


Cyan (20%)

Magenta (0%)

Yellow (100%)

Black (54%)



Cyan (63%)


Magenta (54%)


Yellow (100%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 15.1023, 0.3863, 0.5315 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 15.1023, 0.3863, 0.5315 by changing the saturation by 10% instead.


 15.1023, 0.3863,
0.5315


 15.1023, 0.3863,
0.5315


 223.9846, 0.3527,
0.4127


 8.8912, 0.3882,
0.5641


 35.0325, 0.3773,
0.4851


 4.6703, 0.3878,
0.6122

 49.5205, 0.3726,
0.4684


 2.0551, 0.3551,
0.6449

 67.5362, 0.3683,
0.4547

 0.6392, 0.0746,
0.9254

 89.4640, 0.3644,
0.4434


 0.0000, 0.0000,
0.0000


 115.6884, 0.3609,
0.4338


 146.5937, 0.3579,

0.4257


 182.5643, 0.3551,
0.4187


 15.1023, 0.3863,
0.5315

 15.1023, 0.3863,
0.5315


 15.1030, 0.3863,
0.5315

 15.2523, 0.3861,
0.5220

 15.4171, 0.3844,
0.5099

 15.6065, 0.3804,
0.4938

 15.8227, 0.3742,
0.4741

 16.0680, 0.3661,
0.4516

■ 16.3442, 0.3565,
0.4274

■ 16.6531, 0.3460,
0.4022

■ 16.9962, 0.3349,
0.3771

■ 17.3749, 0.3238,
0.3525

Harmonies

Analogous

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



15.1023, 0.4751, 0.4689



15.1023, 0.3863, 0.5315



15.1023, 0.2854, 0.5247

Triad

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



15.1023, 0.3863, 0.5315



15.1023, 0.1340, 0.2089



15.1023, 0.4244, 0.2530

Complementary

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



15.1023, 0.3863, 0.5315



1.4668, 0.1623, 0.0668

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.



15.1023, 0.3071, 0.2019



15.1023, 0.3863, 0.5315



15.1023, 0.1556, 0.1748

Square

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



15.1023, 0.3863, 0.5315



15.1023, 0.1457, 0.2898



15.1023, 0.2121, 0.1744



15.1023, 0.5124, 0.3189

Rectangle

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



15.1023, 0.3863, 0.5315



15.1023, 0.2232, 0.4613



15.1023, 0.2121, 0.1744



15.1023, 0.3855, 0.2338

Sweetspot

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



15.1030, 0.3863, 0.5315



29.7728, 0.3468, 0.4042



4.3354, 0.6148, 0.3501



6.8022, 0.3504, 0.4125



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.



15.1030, 0.3863, 0.5315



26.9863, 0.3854, 0.5322



13.1182, 0.3181, 0.5856



4.2317, 0.3227, 0.3502



16.6322, 0.3861, 0.5316



80.6910, 0.3843, 0.5331

Inverse Universe

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



1.4668, 0.1623, 0.0668



2.5774, 0.1605, 0.0658



2.9880, 0.2452, 0.1125



3.6214, 0.3022, 0.3073



1.6102, 0.1620, 0.0666



7.5527, 0.1584, 0.0646

Previews

White Background



This preview shows how the Yxy color 15.1023, 0.3863, 0.5315 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 15.1023, 0.3863, 0.5315 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

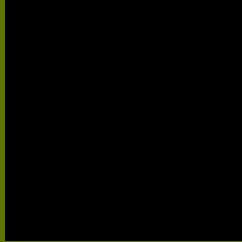
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 15.1023, 0.3863, 0.5315

Background



This preview shows how black text looks on a background with the Yxy color 15.1023, 0.3863, 0.5315.



This preview shows how white text looks on a background with the Yxy color 15.1023, 0.3863, 0.5315.

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

15.1023, 0.3863, 0.5315

Protanopia

15.0749, 0.4386, 0.4900

Deuteranopia

15.0730, 0.4611, 0.4542



Tritanopia

15.1647, 0.2964, 0.3123

Trichromacy



Original Color

15.1023, 0.3863, 0.5315

Protanomaly

15.0331, 0.4193, 0.5053

Deuteranomaly

14.8191, 0.4342, 0.4830

Tritanomaly

14.7921, 0.3435, 0.4136

Monochromacy



Original Color

15.1023, 0.3863, 0.5315

Achromatopsia

11.9538, 0.3127, 0.3290

Achromatomaly

12.7352, 0.3568, 0.4269

CSS Examples

Text

The CSS property to change the color of the text to Yxy 15.1023, 0.3863, 0.5315 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(94, 117, 0)` looks like.

```
.text, #text, p{  
    color:rgb(94, 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(94, 117, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(94, 117, 0) }
```

Border

The CSS property to change the border of an element to Yxy 15.1023, 0.3863, 0.5315 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(94, 117, 0) }
```

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

```
.border{ border-color:rgb(94, 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(94, 117, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(94, 117, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(94, 117, 0);  
box-shadow:4px 4px 4px 4px rgb(94, 117, 0)  
}
```


Background

The CSS property to change the background color of an element to Yxy 15.1023, 0.3863, 0.5315 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(94, 117, 0) }
```

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

```
.background{ background-color: rgb(94, 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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