

Converting Colors

$Y_{xy}(15.1427, 0.3852, 0.5324)$

Have a look what the booklet for
Yxy(15.1427, 0.3852, 0.5324)
contains.

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Color

Yxy(15.0497, 0.3849, 0.5326)

Conversions

Conversions Part 1

Format	Color
Hex	5D7500
RGB	93, 117, 0
RGB Percent	36%, 46%, 0%
CMY	0.6353, 0.5412, 1.0000
CMYK	0.21, 0.00, 1.00, 0.54
HSL	72°, 100%, 23%
HSV	72°, 100%, 46%
XYZ	10.8761, 15.0497, 2.3312
YIQ	96.4860, 23.2530, -41.4750

Conversions

Conversions Part 2

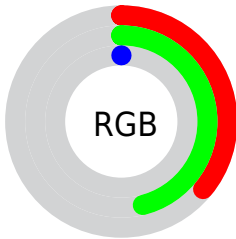
Format	Color
RYB	0, 117, 24
Decimal	6124800
CIELab	45.70, -23.21, 50.85
CIELCh	46, 55.896, 114.538
Yxy	15.0497, 0.3849, 0.5326
Android (android.graphics.Color)	4284314880 (0xFF5D7500)
YUV	96.4860, -47.5676, -3.0572
Hunter-Lab	38.7939, -17.8458, 23.5929

Details

The Yxy color **15.0497, 0.3849, 0.5326** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **1.4785, 0.1631, 0.0672**, and the grayscale version is **11.9366, 0.3127, 0.3290**.

A 20% lighter version of the original color is **34.9268, 0.3768, 0.4858**, and **4.7485, 0.3591, 0.5531** is the 20% darker color. If you saturate the color by 10%, you get **15.0504, 0.3849, 0.5326**, and if you desaturate by 10%, it is **15.2034, 0.3848, 0.5229**.

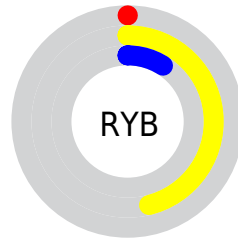
Distribution



Red (36%)

Green (46%)

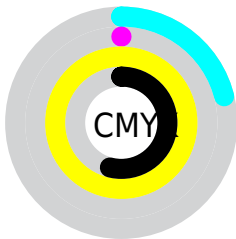
Blue (0%)



Red (0%)

Yellow (46%)

Blue (9%)

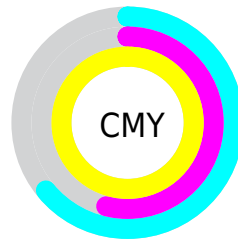


Cyan (21%)

Magenta (0%)

Yellow (100%)

Black (54%)



Cyan (64%)


Magenta (54%)


Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 15.0497, 0.3849, 0.5326 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 15.0497, 0.3849, 0.5326 by changing the saturation by 10% instead.


 15.0497, 0.3849,
0.5326


 15.0497, 0.3849,
0.5326


223.6668, 0.3521,
0.4129


 8.8543, 0.3865,
0.5657


 34.9403, 0.3763,
0.4857


 4.6463, 0.3857,
0.6143

 49.4044, 0.3717,
0.4689


 2.0412, 0.3522,
0.6478

 67.3933, 0.3675,
0.4552

 0.6313, 0.0501,
0.9499

 89.2917, 0.3636,
0.4437

 0.0000, 0.0000,
0.0000


 115.4838, 0.3602,
0.4341


 146.3542, 0.3572,


0.4260

 182.2870, 0.3545,
0.4190


 15.0497, 0.3849,
0.5326

 15.0497, 0.3849,
0.5326


 15.0504, 0.3849,
0.5326

 15.2034, 0.3848,
0.5229

 15.3722, 0.3833,
0.5107

 15.5658, 0.3794,
0.4944

 15.7867, 0.3733,
0.4746

 16.0369, 0.3654,
0.4520

■ 16.3184, 0.3560,
0.4276

■ 16.6328, 0.3456,
0.4023

■ 16.9818, 0.3347,
0.3771

■ 17.3668, 0.3236,
0.3525

Harmonies

Analogous

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



15.0497, 0.4743, 0.4702



15.0497, 0.3849, 0.5326



15.0497, 0.2838, 0.5244

Triad

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



15.0497, 0.3849, 0.5326



15.0497, 0.1337, 0.2077



15.0497, 0.4264, 0.2537

Complementary

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



15.0497, 0.3849, 0.5326



1.4785, 0.1631, 0.0672

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.



15.0497, 0.3087, 0.2022



15.0497, 0.3849, 0.5326



15.0497, 0.1558, 0.1742

Square

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



15.0497, 0.3849, 0.5326



15.0497, 0.1449, 0.2881



15.0497, 0.2130, 0.1743



15.0497, 0.5138, 0.3198

Rectangle

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



15.0497, 0.3849, 0.5326



15.0497, 0.2217, 0.4599



15.0497, 0.2130, 0.1743



15.0497, 0.3874, 0.2344

Sweetspot

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



15.0504, 0.3849, 0.5326



29.7384, 0.3464, 0.4043



4.4108, 0.6116, 0.3526



6.7935, 0.3499, 0.4127



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.



15.0504, 0.3849, 0.5326



26.8929, 0.3840, 0.5333



13.0818, 0.3166, 0.5868



4.2302, 0.3226, 0.3502



16.5755, 0.3847, 0.5327



80.4043, 0.3828, 0.5342

Inverse Universe

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



1.4785, 0.1631, 0.0672



2.5970, 0.1613, 0.0662



3.0738, 0.2491, 0.1146



3.6227, 0.3024, 0.3073



1.6230, 0.1628, 0.0670



7.6060, 0.1590, 0.0650

Previews

White Background



This preview shows how the Yxy color 15.0497, 0.3849, 0.5326 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 15.0497, 0.3849, 0.5326 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 15.0497, 0.3849, 0.5326

Background



This preview shows how black text looks on a background with the Yxy color 15.0497, 0.3849, 0.5326.



This preview shows how white text looks on a background with the Yxy color 15.0497, 0.3849, 0.5326.

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

15.0497, 0.3849, 0.5326

Protanopia

14.8627, 0.4402, 0.4887

Deuteranopia

14.9889, 0.4597, 0.4551



Tritanopia

15.1052, 0.2951, 0.3123

Trichromacy



Original Color

15.0497, 0.3849, 0.5326

Protanomaly

14.7484, 0.4193, 0.5053

Deuteranomaly

14.7473, 0.4327, 0.4841

Tritanomaly

14.7354, 0.3421, 0.4140

Monochromacy



Original Color

15.0497, 0.3849, 0.5326

Achromatopsia

11.6971, 0.3127, 0.3290

Achromatomaly

12.6704, 0.3565, 0.4297

CSS Examples

Text

The CSS property to change the color of the text to Yxy 15.0497, 0.3849, 0.5326 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(93, 117, 0)` looks like.

```
.text, #text, p{  
    color:rgb(93, 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(93, 117, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(93, 117, 0) }
```

Border

The CSS property to change the border of an element to Yxy 15.0497, 0.3849, 0.5326 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(93, 117, 0) }
```

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

```
.border{ border-color:rgb(93, 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(93, 117, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(93, 117, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(93, 117, 0);  
box-shadow:4px 4px 4px 4px rgb(93, 117, 0)  
}
```


Background

The CSS property to change the background color of an element to Yxy 15.0497, 0.3849, 0.5326 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(93, 117, 0) }
```

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

```
.background{ background-color: rgb(93, 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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