

Converting Colors

$Y_{xy}(15.2420, 0.3878, 0.5303)$

Have a look what the booklet for
Yxy(15.2420, 0.3878, 0.5303)
contains.

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Color

Yxy(15.1555, 0.3877, 0.5303)

Conversions

Conversions Part 1

Format	Color
Hex	5F7500
RGB	95, 117, 0
RGB Percent	37%, 46%, 0%
CMY	0.6275, 0.5412, 0.9997
CMYK	0.19, 0.00, 1.00, 0.54
HSL	71°, 100%, 23%
HSV	71°, 100%, 46%
XYZ	11.0801, 15.1555, 2.3435
YIQ	97.0840, 24.4450, -41.0510

Conversions

Conversions Part 2

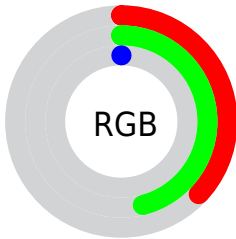
Format	Color
RYB	0, 117, 22
Decimal	6255872
CIELab	45.85, -22.33, 51.00
CIELCh	46, 55.672, 113.644
Yxy	15.1555, 0.3877, 0.5303
Android (android.graphics.Color)	4284445952 (0xFF5F7500)
YUV	97.0840, -47.8624, -1.8277
Hunter-Lab	38.9301, -17.3237, 23.6819

Details

The Yxy color **15.1555, 0.3877, 0.5303** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **1.4580, 0.1617, 0.0665**, and the grayscale version is **12.0935, 0.3127, 0.3290**.

A 20% lighter version of the original color is **35.1133, 0.3789, 0.4846**, and **4.7917, 0.3633, 0.5497** is the 20% darker color. If you saturate the color by 10%, you get **15.1552, 0.3877, 0.5304**, and if you desaturate by 10%, it is **15.3017, 0.3873, 0.5209**.

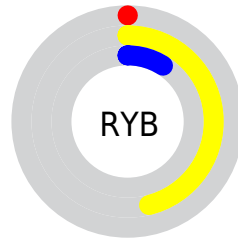
Distribution



Red (37%)

Green (46%)

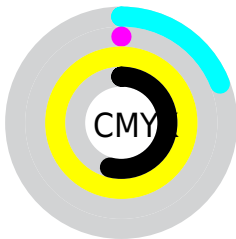
Blue (0%)



Red (0%)

Yellow (46%)

Blue (9%)

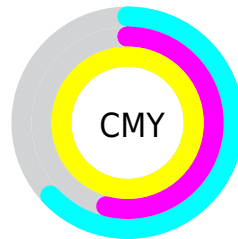


Cyan (19%)

Magenta (0%)

Yellow (100%)

Black (54%)



Cyan (63%)


Magenta (54%)


Yellow (100%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 15.1555, 0.3877, 0.5303 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 15.1555, 0.3877, 0.5303 by changing the saturation by 10% instead.


 15.1555, 0.3877,
0.5303


 15.1555, 0.3877,
0.5303


224.3055, 0.3532,
0.4124


 8.9286, 0.3899,
0.5625

 35.1257, 0.3783,
0.4843


 4.6946, 0.3900,
0.6100

 49.6379, 0.3735,
0.4678


 2.0692, 0.3582,
0.6418

 67.6805, 0.3691,
0.4542

 0.6472, 0.0978,
0.9022

 89.6381, 0.3652,
0.4429


 0.0000, 0.0000,
0.0000


 115.8950, 0.3616,
0.4334


 146.8356, 0.3585,

0.4254

 182.8443, 0.3557,
0.4184

 15.1555, 0.3877,
0.5303


 15.1555, 0.3877,
0.5303


 15.1552, 0.3877,
0.5304

 15.3017, 0.3873,
0.5209

 15.4625, 0.3855,
0.5090

 15.6475, 0.3813,
0.4930

 15.8592, 0.3749,
0.4735

 16.0996, 0.3667,
0.4512

■ 16.3707, 0.3570,
0.4270

■ 16.6741, 0.3463,
0.4020

■ 17.0114, 0.3351,
0.3768

■ 17.3841, 0.3238,
0.3523

Harmonies

Analogous

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



15.1555, 0.4759, 0.4675



15.1555, 0.3877, 0.5303



15.1555, 0.2871, 0.5248

Triad

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



15.1555, 0.3877, 0.5303



15.1555, 0.1343, 0.2101



15.1555, 0.4224, 0.2524

Complementary

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



15.1555, 0.3877, 0.5303



1.4580, 0.1617, 0.0665

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.



15.1555, 0.3055, 0.2016



15.1555, 0.3877, 0.5303



15.1555, 0.1554, 0.1754

Square

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



15.1555, 0.3877, 0.5303



15.1555, 0.1466, 0.2917



15.1555, 0.2112, 0.1746



15.1555, 0.5110, 0.3180

Rectangle

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



15.1555, 0.3877, 0.5303



15.1555, 0.2248, 0.4626



15.1555, 0.2112, 0.1746



15.1555, 0.3835, 0.2333

Sweetspot

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



15.1562, 0.3877, 0.5303



29.8076, 0.3473, 0.4041



4.3380, 0.6145, 0.3501



6.8110, 0.3508, 0.4124



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.



15.1562, 0.3877, 0.5303



27.0818, 0.3869, 0.5310



13.1192, 0.3182, 0.5855



4.2331, 0.3228, 0.3502



16.6901, 0.3875, 0.5305



80.9838, 0.3858, 0.5319

Inverse Universe

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



1.4580, 0.1617, 0.0665



2.5583, 0.1598, 0.0654



2.9908, 0.2453, 0.1125



3.6200, 0.3021, 0.3073



1.5978, 0.1613, 0.0662



7.5015, 0.1577, 0.0643

Previews

White Background



This preview shows how the Yxy color 15.1555, 0.3877, 0.5303 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 15.1555, 0.3877, 0.5303 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

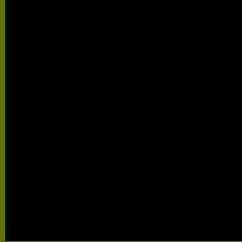
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 15.1555, 0.3877, 0.5303

Background



This preview shows how black text looks on a background with the Yxy color 15.1555, 0.3877, 0.5303.



This preview shows how white text looks on a background with the Yxy color 15.1555, 0.3877, 0.5303.

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

15.1555, 0.3877, 0.5303

Protanopia

15.0749, 0.4386, 0.4900

Deuteranopia

15.0730, 0.4611, 0.4542



Tritanopia

15.2249, 0.2976, 0.3124

Trichromacy



Original Color

15.1555, 0.3877, 0.5303

Protanomaly

15.0331, 0.4193, 0.5053

Deuteranomaly

14.8918, 0.4357, 0.4820

Tritanomaly

14.8495, 0.3450, 0.4132

Monochromacy



Original Color

15.1555, 0.3877, 0.5303

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 15.1555, 0.3877, 0.5303 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(95, 117, 0)` looks like.

```
.text, #text, p{  
    color:rgb(95, 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(95, 117, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(95, 117, 0) }
```

Border

The CSS property to change the border of an element to Yxy 15.1555, 0.3877, 0.5303 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(95, 117, 0) }
```

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

```
.border{ border-color:rgb(95, 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(95, 117, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(95, 117, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(95, 117, 0);  
box-shadow:4px 4px 4px 4px rgb(95, 117, 0)  
}
```


Background

The CSS property to change the background color of an element to Yxy 15.1555, 0.3877, 0.5303 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(95, 117, 0) }
```

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

```
.background{ background-color: rgb(95, 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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