

Converting Colors

$Y_{xy}(15.6268, 0.3587, 0.5534)$

Have a look what the booklet for
Yxy(15.6268, 0.3587, 0.5534)
contains.

Yxy(15.5388, 0.3594, 0.5528)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	29

Color

Yxy(15.5388, 0.3594, 0.5528)

Conversions

Conversions Part 1

Format	Color
Hex	4E7A00
RGB	78, 122, 0
RGB Percent	31%, 48%, 0%
CMY	0.6941, 0.5216, 0.9998
CMYK	0.36, 0.00, 1.00, 0.52
HSL	82°, 100%, 24%
HSV	82°, 100%, 48%
XYZ	10.1025, 15.5388, 2.4680
YIQ	94.9360, 12.9380, -47.2700

Conversions

Conversions Part 2

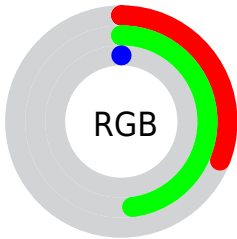
Format	Color
RYB	0, 122, 44
Decimal	5143040
CIELab	46.36, -31.96, 50.92
CIElCh	46, 60.122, 122.115
Yxy	15.5388, 0.3594, 0.5528
Android (android.graphics.Color)	4283333120 (0xFF4E7A00)
YUV	94.9360, -46.8034, -14.8529
Hunter-Lab	39.4193, -23.2373, 23.8814

Details

The Yxy color **15.5388, 0.3594, 0.5528** is a dark color, and the websafe version is hex **336600**. A complement of this color would be **1.9424, 0.1818, 0.0776**, and the grayscale version is **11.5419, 0.3127, 0.3290**.

A 20% lighter version of the original color is **35.9244, 0.3578, 0.4993**, and **4.9593, 0.3235, 0.5814** is the 20% darker color. If you saturate the color by 10%, you get **15.5386, 0.3594, 0.5528**, and if you desaturate by 10%, it is **15.7587, 0.3618, 0.5407**.

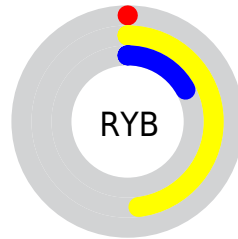
Distribution



Red (31%)

Green (48%)

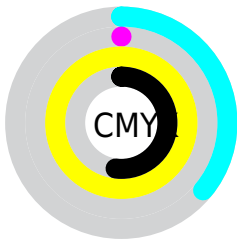
Blue (0%)



Red (0%)

Yellow (48%)

Blue (17%)

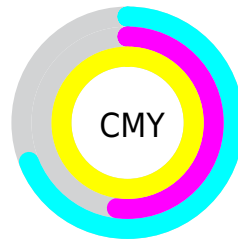


Cyan (36%)

Magenta (0%)

Yellow (100%)

Black (52%)



Cyan (69%)

Magenta (52%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 15.5388, 0.3594, 0.5528 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 15.5388, 0.3594, 0.5528 by changing the saturation by 10% instead.

■ 15.5388, 0.3594,
0.5528

■ 15.5388, 0.3594,
0.5528

■ 226.6047, 0.3426,
0.4186

■ 9.1984, 0.3556,
0.5915

■ 35.7957, 0.3575,
0.4991

■ 4.8708, 0.3480,
0.6520

■ 50.4809, 0.3551,
0.4803

■ 2.1717, 0.3033,
0.6967

■ 68.7166, 0.3527,
0.4650

■ 0.7045, 0.0000,
1.0000


■ 90.8870, 0.3503,
0.4524


■ 0.0000, 0.0000,
0.0000


■ 117.3766, 0.3481,
0.4418


■ 148.5699, 0.3461,


0.4329

 184.8511, 0.3443,
0.4252


 15.5388, 0.3594,
0.5528


 15.5388, 0.3594,
0.5528


 15.5386, 0.3594,
0.5528

 15.7587, 0.3618,
0.5407

 16.0042, 0.3627,
0.5257

 16.2855, 0.3614,
0.5064

 16.6055, 0.3580,
0.4835

 16.9668, 0.3526,
0.4581

■ 17.3714, 0.3459,
0.4314

■ 17.8217, 0.3382,
0.4044

■ 18.3194, 0.3298,
0.3780

■ 18.8664, 0.3212,
0.3527

Harmonies

Analogous

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



15.5388, 0.4588, 0.4949



15.5388, 0.3594, 0.5528



15.5388, 0.2544, 0.5183

Triad

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



15.5388, 0.3594, 0.5528



15.5388, 0.1284, 0.1882



15.5388, 0.4625, 0.2657

Complementary

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



15.5388, 0.3594, 0.5528



1.9424, 0.1818, 0.0776

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.



15.5388, 0.3389, 0.2075



15.5388, 0.3594, 0.5528



15.5388, 0.1598, 0.1640

Square

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



15.5388, 0.3594, 0.5528



15.5388, 0.1303, 0.2575



15.5388, 0.2289, 0.1720



15.5388, 0.5372, 0.3359

Rectangle

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



15.5388, 0.3594, 0.5528



15.5388, 0.1945, 0.4338



15.5388, 0.2289, 0.1720



15.5388, 0.4234, 0.2444

Sweetspot

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



15.5395, 0.3594, 0.5528



31.2904, 0.3388, 0.4065



5.8460, 0.5771, 0.3799



7.0920, 0.3415, 0.4156



62.0916, 0.3127, 0.3290



7.8288, 0.3127, 0.3290

Same Dimension

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



15.5395, 0.3594, 0.5528



27.2589, 0.3580, 0.5539



14.0511, 0.3057, 0.5954



4.5651, 0.3205, 0.3505



16.3549, 0.3592, 0.5530



77.5219, 0.3562, 0.5553

Inverse Universe

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



1.9424, 0.1818, 0.0776



3.3426, 0.1795, 0.0763



4.3318, 0.2846, 0.1342



3.9574, 0.3045, 0.3073



2.0388, 0.1815, 0.0774



9.2838, 0.1766, 0.0747

Previews

White Background



This preview shows how the Yxy color 15.5388, 0.3594, 0.5528 looks on a white background.

Color Contrast Check

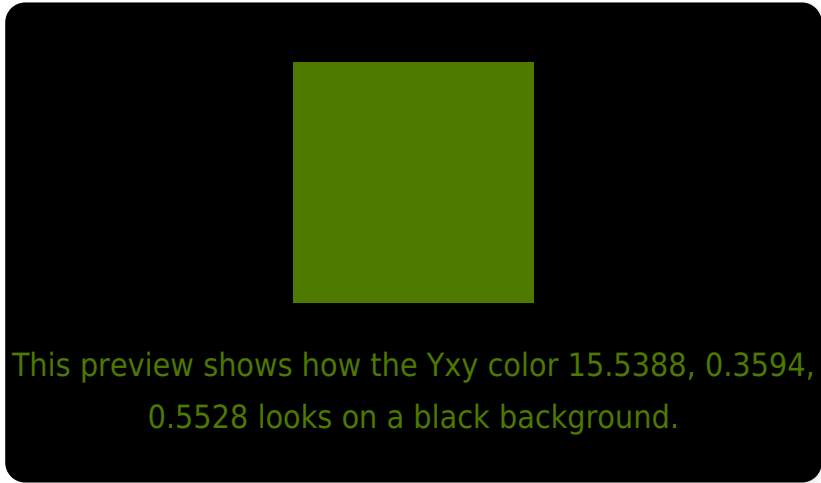
Large Text (above 18pt) WCAG AA ✓ Pass

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 15.5388, 0.3594, 0.5528

Background



This preview shows how black text looks on a background with the Yxy color 15.5388, 0.3594, 0.5528.



This preview shows how white text looks on a background with the Yxy color 15.5388, 0.3594, 0.5528.

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

15.5388, 0.3594, 0.5528

Deuteranopia

15.3699, 0.4591, 0.4524

Tritanopia

15.4395, 0.2755, 0.3098

Trichromacy



Original Color

15.5388, 0.3594, 0.5528

Deuteranomaly

15.1164, 0.4215, 0.4912

Tritanomaly

15.0193, 0.3185, 0.4174

Monochromacy



Original Color

15.5388, 0.3594, 0.5528

Achromatopsia

11.4435, 0.3127, 0.3290

Achromatomaly

12.5532, 0.3478, 0.4372

CSS Examples

Text

The CSS property to change the color of the text to Yxy 15.5388, 0.3594, 0.5528 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(78, 122, 0)` looks like.

```
.text, #text, p{  
  color:rgb(78, 122, 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(78, 122, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(78, 122, 0) }
```

Border

The CSS property to change the border of an element to Yxy 15.5388, 0.3594, 0.5528 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(78, 122, 0) }
```

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

```
.border{ border-color:rgb(78, 122, 0) }
```

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

Here you see how a box with a 4 pixel rgb(78, 122, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(78, 122, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(78, 122, 0);  
box-shadow:4px 4px 4px 4px rgb(78, 122, 0)  
}
```

Background

The CSS property to change the background color of an element to Yxy 15.5388, 0.3594, 0.5528 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(78, 122, 0) }
```

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

```
.background{ background-color: rgb(78, 122,  
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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