

Converting Colors

$Y_{xy}(14.9931, 0.3249, 0.5278)$

Have a look what the booklet for
Yxy(14.9931, 0.3249, 0.5278)
contains.

Yxy(15.0768, 0.3253, 0.5285)	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>	30

Color

Yxy(15.0768, 0.3253, 0.5285)

Conversions

Conversions Part 1

Format	Color
Hex	3E7A25
RGB	62, 122, 37
RGB Percent	24%, 48%, 15%
CMY	0.7569, 0.5216, 0.8549
CMYK	0.49, 0.00, 0.70, 0.52
HSL	102°, 53%, 31%
HSV	102°, 70%, 48%
XYZ	9.2800, 15.0768, 4.1707
YIQ	94.3700, -8.4750, -39.1550

Conversions

Conversions Part 2

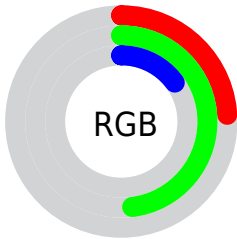
Format	Color
RYB	37, 122, 97
Decimal	4094501
CIELab	45.74, -35.88, 39.03
CIElCh	46, 53.016, 132.594
Yxy	15.0768, 0.3253, 0.5285
Android (android.graphics.Color)	4282284581 (0xFF3E7A25)
YUV	94.3700, -28.2834, -28.3885
Hunter-Lab	38.8289, -25.2894, 20.8117

Details

The Yxy color **15.0768, 0.3253, 0.5285** is a dark color, and the websafe version is hex **336600**. A complement of this color would be **5.2694, 0.2732, 0.1581**, and the grayscale version is **11.3559, 0.3127, 0.3290**.

A 20% lighter version of the original color is **34.9929, 0.3277, 0.4754**, and **4.6347, 0.3000, 0.6000** is the 20% darker color. If you saturate the color by 10%, you get **14.7565, 0.3232, 0.5531**, and if you desaturate by 10%, it is **15.4681, 0.3261, 0.5000**.

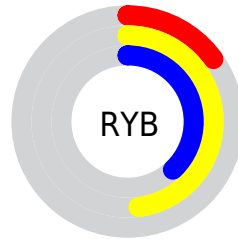
Distribution



Red (24%)

Green (48%)

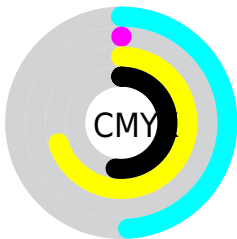
Blue (15%)



Red (15%)

Yellow (48%)

Blue (38%)

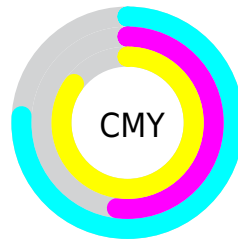


Cyan (49%)

Magenta (0%)

Yellow (70%)

Black (52%)



Cyan (76%)


Magenta (52%)


Yellow (85%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 15.0768, 0.3253, 0.5285 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 15.0768, 0.3253, 0.5285 by changing the saturation by 10% instead.


 15.0768, 0.3253,
0.5285


 15.0768, 0.3253,
0.5285


223.8306, 0.3245,
0.4044


 8.8733, 0.3199,
0.5697


 34.9879, 0.3279,
0.4761


 4.6586, 0.3110,
0.6378

 49.4642, 0.3278,
0.4587


 2.0484, 0.2758,
0.7242

 67.4670, 0.3274,
0.4449

 0.6354, 0.0000,
1.0000

 89.3805, 0.3268,
0.4337

 0.0000, 0.0000,
0.0000

 115.5892, 0.3262,
0.4245

 146.4776, 0.3256,

0.4167

182.4299, 0.3250,
0.4101

■ 15.0768, 0.3253,
0.5285

■ 15.0768, 0.3253,
0.5285

■ 14.7565, 0.3232,
0.5531

■ 15.4681, 0.3261,
0.5000

■ 14.5006, 0.3197,
0.5722

■ 15.9328, 0.3256,
0.4693

■ 14.2987, 0.3159,
0.5870

■ 16.4754, 0.3241,
0.4380

■ 14.2928, 0.3158,
0.5875

■ 17.0995, 0.3219,
0.4076

■ 17.8084, 0.3190,
0.3788

■ 18.6052, 0.3159,
0.3523

■ 19.4930, 0.3126,
0.3283

■ 20.4745, 0.3093,
0.3067

■ 21.5526, 0.3060,
0.2875

Harmonies

Analogous

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



15.0768, 0.4202, 0.5051



15.0768, 0.3253, 0.5285



15.0768, 0.2320, 0.4596

Triad

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



15.0768, 0.3253, 0.5285



15.0768, 0.1495, 0.1892



15.0768, 0.4776, 0.2949

Complementary

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



15.0768, 0.3253, 0.5285



5.2694, 0.2732, 0.1581

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.



15.0768, 0.3766, 0.2351



15.0768, 0.3253, 0.5285



15.0768, 0.1910, 0.1769

Square

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



15.0768, 0.3253, 0.5285



15.0768, 0.1408, 0.2385



15.0768, 0.2688, 0.1935



15.0768, 0.5210, 0.3636

Rectangle

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



15.0768, 0.3253, 0.5285



15.0768, 0.1841, 0.3770



15.0768, 0.2688, 0.1935



15.0768, 0.4482, 0.2736

Sweetspot

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



15.0774, 0.3253, 0.5285



31.0891, 0.3196, 0.3840



12.7288, 0.4362, 0.4410



7.0452, 0.3202, 0.3901



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.



15.0774, 0.3253, 0.5285



25.6614, 0.3211, 0.5659



14.5793, 0.2910, 0.5057



4.5018, 0.3157, 0.3508



15.0433, 0.3156, 0.5876



71.3698, 0.3125, 0.5901

Inverse Universe

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



5.2694, 0.2732, 0.1581



7.1046, 0.2607, 0.1309



6.4806, 0.3540, 0.2042



4.0211, 0.3094, 0.3076



3.5637, 0.2500, 0.1151



16.5448, 0.2463, 0.1130

Previews

White Background



This preview shows how the Yxy color 15.0768, 0.3253, 0.5285 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 15.0768, 0.3253, 0.5285 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

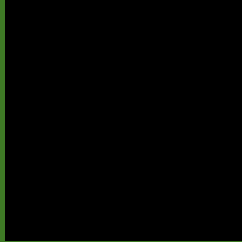
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 15.0768, 0.3253, 0.5285

Background



This preview shows how black text looks on a background with the Yxy color 15.0768, 0.3253, 0.5285.



This preview shows how white text looks on a background with the Yxy color 15.0768, 0.3253, 0.5285.

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

15.0768, 0.3253, 0.5285

Protanopia

14.8999, 0.4223, 0.4653

Deuteranopia

14.7529, 0.4393, 0.4310



Tritanopia

15.0425, 0.2600, 0.3091

Trichromacy



Original Color

15.0768, 0.3253, 0.5285

Protanomaly

14.6351, 0.3840, 0.4908

Deuteranomaly

14.2855, 0.3944, 0.4675

Tritanomaly

14.8730, 0.2866, 0.3888

Monochromacy



Original Color

15.0768, 0.3253, 0.5285

Achromatopsia

11.1932, 0.3127, 0.3290

Achromatomaly

12.1755, 0.3216, 0.4065

CSS Examples

Text

The CSS property to change the color of the text to Yxy 15.0768, 0.3253, 0.5285 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(62, 122, 37)` looks like.

```
.text, #text, p{  
    color:rgb(62, 122, 37)  
}
```

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(62, 122, 37) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(62, 122, 37) }
```

Border

The CSS property to change the border of an element to Yxy 15.0768, 0.3253, 0.5285 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(62, 122, 37) }
```

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

```
.border{ border-color:rgb(62, 122, 37) }
```

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

Here you see how a box with a 4 pixel `rgb(62, 122, 37)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(62, 122, 37); -webkit-box-  
shadow:4px 4px 4px 4px rgb(62, 122, 37);  
box-shadow:4px 4px 4px 4px rgb(62, 122,  
37) }
```


Background

The CSS property to change the background color of an element to Yxy 15.0768, 0.3253, 0.5285 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(62, 122, 37) }
```

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

```
.background{ background-color: rgb(62, 122,  
37) }
```

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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