

Converting Colors

$Y_{xy}(14.3385, 0.3363, 0.5322)$

Have a look what the booklet for
Yxy(14.3385, 0.3363, 0.5322)
contains.

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Color

Yxy(14.2439, 0.3372, 0.5320)

Conversions

Conversions Part 1

Format	Color
Hex	43761E
RGB	67, 118, 30
RGB Percent	26%, 46%, 12%
CMY	0.7372, 0.5373, 0.8823
CMYK	0.43, 0.00, 0.75, 0.54
HSL	95°, 59%, 29%
HSV	95°, 75%, 46%
XYZ	9.0283, 14.2439, 3.5021
YIQ	92.7190, -2.1480, -38.1800

Conversions

Conversions Part 2

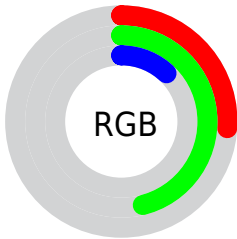
Format	Color
R_{YB}	30, 118, 81
Decimal	4421150
CIE _{Lab}	44.58, -32.99, 40.85
CIE _{LCh}	45, 52.503, 128.926
Yxy	14.2439, 0.3372, 0.5320
Android (android.graphics.Color)	4282611230 (0xFF43761E)
YUV	92.7190, -30.9205, -22.5556
Hunter-Lab	37.7411, -23.3468, 20.9171

Details

The Yxy color **14.2439, 0.3372, 0.5320** is a dark color, and the websafe version is hex **336600**. A complement of this color would be **3.9860, 0.2488, 0.1391**, and the grayscale version is **10.9524, 0.3127, 0.3290**.

A 20% lighter version of the original color is **33.6269, 0.3370, 0.4798**, and **4.3418, 0.3120, 0.5905** is the 20% darker color. If you saturate the color by 10%, you get **13.9675, 0.3350, 0.5529**, and if you desaturate by 10%, it is **14.5727, 0.3376, 0.5068**.

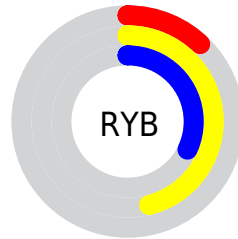
Distribution



Red (26%)

Green (46%)

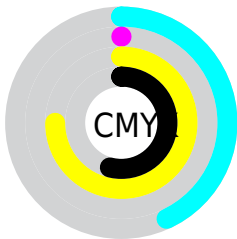
Blue (12%)



Red (12%)

Yellow (46%)

Blue (32%)

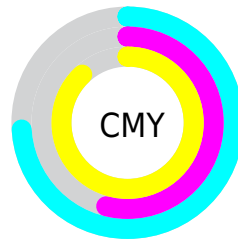


Cyan (43%)

Magenta (0%)

Yellow (75%)

Black (54%)



Cyan (74%)


Magenta (54%)

Yellow (88%)


Brightness & Saturation Gradients


These gradients show how the Yxy color 14.2439, 0.3372, 0.5320 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 14.2439, 0.3372, 0.5320 by changing the saturation by 10% instead.


 14.2439, 0.3372,
0.5320


 14.2439, 0.3372,
0.5320


 218.7429, 0.3298,
0.4058


 8.2905, 0.3330,
0.5732


 33.5212, 0.3375,
0.4790


 4.2814, 0.3313,
0.6524

 47.6138, 0.3364,
0.4613


 1.8322, 0.2846,
0.7154

 65.1884, 0.3352,
0.4472

 0.5071, 0.0000,
1.0000

 86.6291, 0.3340,
0.4358

 0.0000, 0.0000,
0.0000

 112.3206, 0.3328,
0.4263

 142.6471, 0.3318,

0.4184

177.9931, 0.3307,
0.4116

14.2439, 0.3372,
0.5320

14.2439, 0.3372,
0.5320

13.9675, 0.3350,
0.5529

14.5727, 0.3376,
0.5068

13.7371, 0.3312,
0.5688

14.9552, 0.3363,
0.4788

13.6256, 0.3292,
0.5768

15.3950, 0.3335,
0.4495

15.8947, 0.3297,
0.4200

16.4567, 0.3252,
0.3915

■ 17.0833, 0.3203,
0.3646

■ 17.7768, 0.3151,
0.3397

■ 18.5392, 0.3099,
0.3169

■ 19.3724, 0.3048,
0.2964

Harmonies

Analogous

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



14.2439, 0.4314, 0.4992



14.2439, 0.3372, 0.5320



14.2439, 0.2417, 0.4743

Triad

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



14.2439, 0.3372, 0.5320



14.2439, 0.1456, 0.1919



14.2439, 0.4690, 0.2865

Complementary

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



14.2439, 0.3372, 0.5320



3.9860, 0.2488, 0.1391

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.



14.2439, 0.3631, 0.2281



14.2439, 0.3372, 0.5320



14.2439, 0.1831, 0.1757

Square

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



14.2439, 0.3372, 0.5320



14.2439, 0.1408, 0.2468



14.2439, 0.2568, 0.1891



14.2439, 0.5215, 0.3548

Rectangle

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



14.2439, 0.3372, 0.5320



14.2439, 0.1906, 0.3932



14.2439, 0.2568, 0.1891



14.2439, 0.4372, 0.2655

Sweetspot

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



14.2445, 0.3372, 0.5320



29.1496, 0.3242, 0.3859



9.6636, 0.4641, 0.4245



6.6525, 0.3252, 0.3915



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.



14.2445, 0.3372, 0.5320



24.2822, 0.3326, 0.5639



13.3597, 0.2987, 0.5444



4.1665, 0.3174, 0.3505



14.7338, 0.3289, 0.5770



71.3183, 0.3252, 0.5800

Inverse Universe

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



3.9860, 0.2488, 0.1391



5.1678, 0.2311, 0.1112



5.9533, 0.3317, 0.1817



3.6848, 0.3077, 0.3077



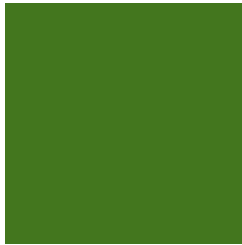
2.7518, 0.2219, 0.0996



12.8975, 0.2170, 0.0969

Previews

White Background



This preview shows how the Yxy color 14.2439, 0.3372, 0.5320 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 14.2439, 0.3372, 0.5320 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

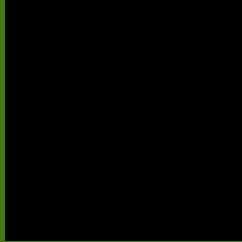
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 14.2439, 0.3372, 0.5320

Background



This preview shows how black text looks on a background with the Yxy color 14.2439, 0.3372, 0.5320.



This preview shows how white text looks on a background with the Yxy color 14.2439, 0.3372, 0.5320.

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

14.2439, 0.3372, 0.5320

Protanopia

14.0338, 0.4264, 0.4705

Deuteranopia

14.0732, 0.4448, 0.4392



Tritanopia

14.1892, 0.2658, 0.3088

Trichromacy



Original Color

14.2439, 0.3372, 0.5320

Protanomaly

13.8883, 0.3901, 0.4956

Deuteranomaly

13.8190, 0.4029, 0.4747

Tritanomaly

13.9942, 0.2950, 0.3922

Monochromacy



Original Color

14.2439, 0.3372, 0.5320

Achromatopsia

10.9462, 0.3127, 0.3290

Achromatomaly

11.8298, 0.3290, 0.4091

CSS Examples

Text

The CSS property to change the color of the text to Yxy 14.2439, 0.3372, 0.5320 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(67, 118, 30)` looks like.

```
.text, #text, p{  
    color:rgb(67, 118, 30)  
}
```

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(67, 118, 30) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(67, 118, 30) }
```

Border

The CSS property to change the border of an element to Yxy 14.2439, 0.3372, 0.5320 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(67, 118, 30) }
```

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

```
.border{ border-color:rgb(67, 118, 30) }
```

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

Here you see how a box with a 4 pixel `rgb(67, 118, 30)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(67, 118, 30); -webkit-box-  
shadow:4px 4px 4px 4px rgb(67, 118, 30);  
box-shadow:4px 4px 4px 4px rgb(67, 118,  
30) }
```


Background

The CSS property to change the background color of an element to Yxy 14.2439, 0.3372, 0.5320 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(67, 118, 30) }
```

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

```
.background{ background-color: rgb(67, 118,  
30) }
```

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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