

Converting Colors

$Y_{xy}(14.5307, 0.3894, 0.5420)$

Have a look what the booklet for
Yxy(14.5307, 0.3894, 0.5420)
contains.

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Color

Yxy(14.4856, 0.3843, 0.5330)

Conversions

Conversions Part 1

Format	Color
Hex	5B7300
RGB	91, 115, 0
RGB Percent	36%, 45%, 0%
CMY	0.6432, 0.5490, 0.9997
CMYK	0.21, 0.00, 1.00, 0.55
HSL	73°, 100%, 23%
HSV	73°, 100%, 45%
XYZ	10.4443, 14.4856, 2.2476
YIQ	94.7140, 22.6110, -40.8530

Conversions

Conversions Part 2

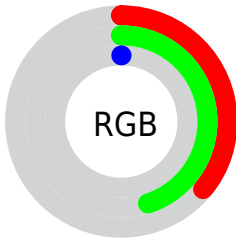
Format	Color
RYB	0, 115, 24
Decimal	5993216
CIELab	44.92, -23.10, 50.17
CIELCh	45, 55.238, 114.726
Yxy	14.4856, 0.3843, 0.5330
Android (android.graphics.Color)	4284183296 (0xFF5B7300)
YUV	94.7140, -46.6940, -3.2572
Hunter-Lab	38.0600, -17.6214, 23.1407

Details

The Yxy color **14.4856, 0.3843, 0.5330** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **1.4350, 0.1637, 0.0676**, and the grayscale version is **11.4832, 0.3127, 0.3290**.

A 20% lighter version of the original color is **34.0050, 0.3761, 0.4851**, and **4.4654, 0.3577, 0.5542** is the 20% darker color. If you saturate the color by 10%, you get **14.4853, 0.3843, 0.5331**, and if you desaturate by 10%, it is **14.6357, 0.3842, 0.5231**.

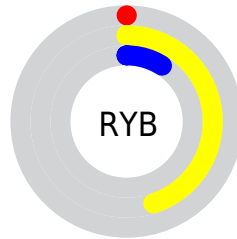
Distribution



Red (36%)

Green (45%)

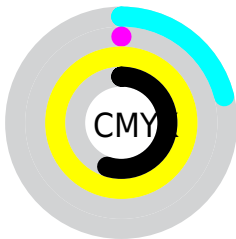
Blue (0%)



Red (0%)

Yellow (45%)

Blue (9%)

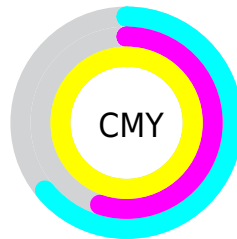


Cyan (21%)

Magenta (0%)

Yellow (100%)

Black (55%)



Cyan (64%)


Magenta (55%)

Yellow (100%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 14.4856, 0.3843, 0.5330 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 14.4856, 0.3843, 0.5330 by changing the saturation by 10% instead.


 14.4856, 0.3843,
0.5330


 14.4856, 0.3843,
0.5330


 220.2312, 0.3516,
0.4123


 8.4592, 0.3860,
0.5670


 33.9482, 0.3757,
0.4855


 4.3901, 0.3841,
0.6159

 48.1532, 0.3711,
0.4685


 1.8941, 0.3493,
0.6507

 65.8531, 0.3669,
0.4547

 0.5448, 0.0000,
1.0000

 87.4324, 0.3631,
0.4432


 0.0000, 0.0000,
0.0000


 113.2755, 0.3597,
0.4336


 143.7667, 0.3567,


0.4254

 179.2905, 0.3540,
0.4184


 14.4856, 0.3843,
0.5330


 14.4856, 0.3843,
0.5330

 14.4853, 0.3843,
0.5331

 14.6357, 0.3842,
0.5231

 14.8004, 0.3827,
0.5108

 14.9892, 0.3788,
0.4943

 15.2043, 0.3728,
0.4744

 15.4477, 0.3649,
0.4517

■ 15.7214, 0.3556,
0.4273

■ 16.0268, 0.3453,
0.4021

■ 16.3656, 0.3344,
0.3769

■ 16.7392, 0.3235,
0.3523

Harmonies

Analogous

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



14.4856, 0.4739, 0.4707



14.4856, 0.3843, 0.5330



14.4856, 0.2831, 0.5242

Triad

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



14.4856, 0.3843, 0.5330



14.4856, 0.1336, 0.2073



14.4856, 0.4272, 0.2541

Complementary

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



14.4856, 0.3843, 0.5330



1.4350, 0.1637, 0.0676

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.



14.4856, 0.3094, 0.2024



14.4856, 0.3843, 0.5330



14.4856, 0.1560, 0.1740

Square

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



14.4856, 0.3843, 0.5330



14.4856, 0.1446, 0.2873



14.4856, 0.2134, 0.1743



14.4856, 0.5143, 0.3202

Rectangle

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



14.4856, 0.3843, 0.5330



14.4856, 0.2211, 0.4593



14.4856, 0.2134, 0.1743



14.4856, 0.3882, 0.2347

Sweetspot

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



14.4863, 0.3843, 0.5330



28.6471, 0.3462, 0.4043



4.2607, 0.6111, 0.3528



6.7894, 0.3497, 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.



14.4863, 0.3843, 0.5330



25.8788, 0.3834, 0.5338



12.6125, 0.3167, 0.5866



4.2295, 0.3225, 0.3502



16.5488, 0.3841, 0.5333



80.2698, 0.3821, 0.5348

Inverse Universe

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



1.4350, 0.1637, 0.0676



2.5148, 0.1617, 0.0665



2.9682, 0.2493, 0.1147



3.6234, 0.3024, 0.3073



1.6292, 0.1631, 0.0672



7.6321, 0.1594, 0.0651

Previews

White Background



This preview shows how the Yxy color 14.4856, 0.3843, 0.5330 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 14.4856, 0.3843, 0.5330 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

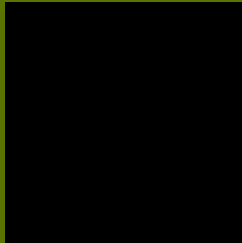
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 14.4856, 0.3843, 0.5330

Background



This preview shows how black text looks on a background with the Yxy color 14.4856, 0.3843, 0.5330.



This preview shows how white text looks on a background with the Yxy color 14.4856, 0.3843, 0.5330.

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

14.4856, 0.3843, 0.5330

Protanopia

14.3011, 0.4405, 0.4884

Deuteranopia

14.4298, 0.4601, 0.4541



Tritanopia

14.5199, 0.2948, 0.3120

Trichromacy



Original Color

14.4856, 0.3843, 0.5330

Protanomaly

14.1885, 0.4193, 0.5053

Deuteranomaly

14.1887, 0.4328, 0.4836

Tritanomaly

14.1743, 0.3413, 0.4132

Monochromacy



Original Color

14.4856, 0.3843, 0.5330

Achromatopsia

11.4435, 0.3127, 0.3290

Achromatomaly

12.2087, 0.3575, 0.4286

CSS Examples

Text

The CSS property to change the color of the text to Yxy 14.4856, 0.3843, 0.5330 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(91, 115, 0)` looks like.

```
.text, #text, p{  
    color:rgb(91, 115, 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(91, 115, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(91, 115, 0) }
```

Border

The CSS property to change the border of an element to Yxy 14.4856, 0.3843, 0.5330 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(91, 115, 0) }
```

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

```
.border{ border-color:rgb(91, 115, 0) }
```

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

Here you see how a box with a 4 pixel rgb(91, 115, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(91, 115, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(91, 115, 0);  
box-shadow:4px 4px 4px 4px rgb(91, 115, 0)  
}
```


Background

The CSS property to change the background color of an element to Yxy 14.4856, 0.3843, 0.5330 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(91, 115, 0) }
```

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

```
.background{ background-color: rgb(91, 115,  
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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