

Converting Colors

$Y_{xy}(14.3856, 0.5425, 0.3843)$

Have a look what the booklet for
Yxy(14.3856, 0.5425, 0.3843)
contains.

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Color

Yxy(14.3856, 0.5425, 0.3843)

Conversions

Conversions Part 1

Format	Color
Hex	AE4D1B
RGB	174, 77, 27
RGB Percent	68%, 30%, 11%
CMY	0.3176, 0.6980, 0.8943
CMYK	0.00, 0.56, 0.85, 0.32
HSL	20°, 73%, 39%
HSV	20°, 85%, 68%
XYZ	20.3075, 14.3856, 2.7401
YIQ	100.3030, 73.8620, 5.0140

Conversions

Conversions Part 2

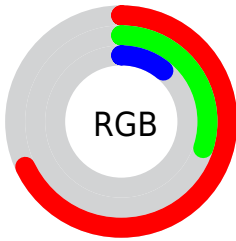
Format	Color
RYB	174, 103, 27
Decimal	11423003
CIELab	44.78, 36.92, 46.19
CIElCh	45, 59.132, 51.358
Yxy	14.3856, 0.5425, 0.3843
Android (android.graphics.Color)	4289613083 (0xFFAE4D1B)
YUV	100.3030, -36.1384, 64.6323
Hunter-Lab	37.9284, 29.1976, 22.2665

Details

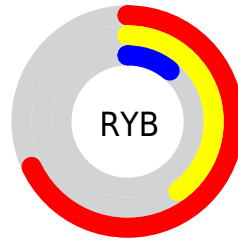
The Yxy color **14.3856, 0.5425, 0.3843** is a dark color, and the websafe version is hex **993300**. A complement of this color would be **17.6909, 0.2022, 0.2339**, and the grayscale version is **12.9048, 0.3127, 0.3290**.

A 20% lighter version of the original color is **33.6223, 0.4921, 0.3823**, and **4.3836, 0.6060, 0.3571** is the 20% darker color. If you saturate the color by 10%, you get **12.8614, 0.5711, 0.3780**, and if you desaturate by 10%, it is **16.2425, 0.5093, 0.3857**.

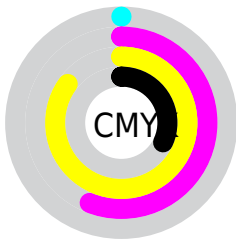
Distribution



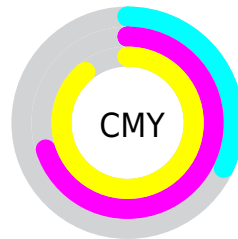
- Red (68%)
- Green (30%)
- Blue (11%)



- Red (68%)
- Yellow (40%)
- Blue (11%)



- Cyan (0%)
- Magenta (56%)
- Yellow (85%)
- Black (32%)




- Cyan (32%)
- Magenta (70%)
- Yellow (89%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 14.3856, 0.5425, 0.3843 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 14.3856, 0.5425, 0.3843 by changing the saturation by 10% instead.


 14.3856, 0.5425,
0.3843


 14.3856, 0.5425,
0.3843


219.6166, 0.4113,
0.3667

 8.3893, 0.5764,
0.3799


 33.7717, 0.4925,
0.3830


 4.3451, 0.6274,
0.3726

 47.9303, 0.4742,
0.3806


 1.8684, 0.6650,
0.3350

 65.5784, 0.4590,
0.3781

 0.5293, 0.7441,
0.2559

 87.1006, 0.4463,
0.3755

 0.0000, 1.0000,
0.0000

 112.8811, 0.4355,
0.3731


 0.0000, 0.0000,
0.0000

 143.3043, 0.4263,

0.3708


 178.7547, 0.4183,
0.3686


 14.3856, 0.5425,
0.3843


 14.3856, 0.5425,
0.3843


 12.8614, 0.5711,
0.3780


 16.2425, 0.5093,
0.3857

 12.1506, 0.5852,
0.3736

 18.4508, 0.4745,
0.3828

 21.0304, 0.4408,
0.3767

 23.9986, 0.4097,
0.3687

 27.3718, 0.3820,
0.3597

■ 31.1650, 0.3580,
0.3504

■ 35.3928, 0.3373,
0.3413

■ 40.0687, 0.3198,
0.3327

■ 45.2059, 0.3048,
0.3247

Harmonies

Analogous

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



14.3856, 0.5215, 0.3095



14.3856, 0.5425, 0.3843



14.3856, 0.4898, 0.4663

Triad

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



14.3856, 0.5425, 0.3843



14.3856, 0.1954, 0.4385



14.3856, 0.1985, 0.1647

Complementary

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



14.3856, 0.5425, 0.3843



17.6909, 0.2022, 0.2339

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.



14.3856, 0.1435, 0.1674



14.3856, 0.5425, 0.3843



14.3856, 0.1387, 0.2962

Square

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



14.3856, 0.5425, 0.3843



14.3856, 0.2908, 0.5473



14.3856, 0.1240, 0.2058



14.3856, 0.2952, 0.1908

Rectangle

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



14.3856, 0.5425, 0.3843



14.3856, 0.4305, 0.5191



14.3856, 0.1240, 0.2058



14.3856, 0.1757, 0.1623

Sweetspot

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



14.3864, 0.5425, 0.3843



55.8546, 0.3601, 0.3513



11.2610, 0.4047, 0.2115



11.8736, 0.3680, 0.3545



89.0005, 0.3127, 0.3290



17.0645, 0.3127, 0.3290

Same Dimension

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



14.3864, 0.5425, 0.3843



21.6656, 0.5882, 0.3712



30.7298, 0.4404, 0.4752



8.4444, 0.3278, 0.3368



8.9129, 0.5831, 0.3752



0.3511, 0.5247, 0.4216

Inverse Universe

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



17.6909, 0.2022, 0.2339



27.2602, 0.1922, 0.2120



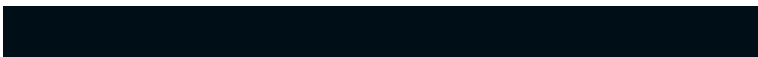
5.6964, 0.1670, 0.1024



8.6059, 0.2986, 0.3211



11.1856, 0.1932, 0.2156



0.4072, 0.2039, 0.2540

Previews

White Background



This preview shows how the Yxy color 14.3856, 0.5425, 0.3843 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 14.3856, 0.5425, 0.3843 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 14.3856, 0.5425, 0.3843

Background



This preview shows how black text looks on a background with the Yxy color 14.3856, 0.5425, 0.3843.



This preview shows how white text looks on a background with the Yxy color 14.3856, 0.5425, 0.3843.

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

14.3856, 0.5425, 0.3843

Protanopia

14.5587, 0.4189, 0.4632

Deuteranopia

14.4927, 0.4648, 0.4572



Tritanopia

14.4007, 0.4832, 0.3227

Trichromacy



Original Color

14.3856, 0.5425, 0.3843

Protanomaly

13.9590, 0.4670, 0.4320

Deuteranomaly

14.0909, 0.4966, 0.4282

Tritanomaly

14.3273, 0.5096, 0.3491

Monochromacy



Original Color

14.3856, 0.5425, 0.3843

Achromatopsia

12.7438, 0.3127, 0.3290

Achromatomaly

12.6474, 0.4001, 0.3671

CSS Examples

Text

The CSS property to change the color of the text to Yxy 14.3856, 0.5425, 0.3843 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(174, 77, 27)` looks like.

```
.text, #text, p{  
    color:rgb(174, 77, 27)  
}
```

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(174, 77, 27) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 77, 27) }
```

Border

The CSS property to change the border of an element to Yxy 14.3856, 0.5425, 0.3843 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(174, 77, 27) }
```

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

```
.border{ border-color:rgb(174, 77, 27) }
```

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

Here you see how a box with a 4 pixel `rgb(174, 77, 27)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 77, 27); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 77, 27);  
box-shadow:4px 4px 4px 4px rgb(174, 77,  
27) }
```


Background

The CSS property to change the background color of an element to Yxy 14.3856, 0.5425, 0.3843 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 77, 27) }
```

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

```
.background{ background-color: rgb(174, 77,  
27) }
```

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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