

Converting Colors

$Y_{xy}(15.1994, 0.5439, 0.4046)$

Have a look what the booklet for
Yxy(15.1994, 0.5439, 0.4046)
contains.

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Color

Yxy(15.2315, 0.5431, 0.4051)

Conversions

Conversions Part 1

Format	Color
Hex	AD5403
RGB	173, 84, 3
RGB Percent	68%, 33%, 1%
CMY	0.3216, 0.6706, 0.9885
CMYK	0.00, 0.51, 0.98, 0.32
HSL	29°, 97%, 34%
HSV	29°, 98%, 68%
XYZ	20.4202, 15.2315, 1.9476
YIQ	101.3770, 79.0450, -6.3230

Conversions

Conversions Part 2

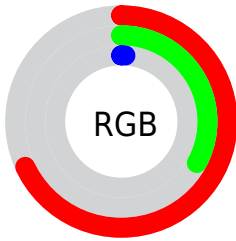
Format	Color
RYB	173, 158, 3
Decimal	11359235
CIELab	45.95, 32.44, 54.50
CIELCh	46, 63.427, 59.240
Yxy	15.2315, 0.5431, 0.4051
Android (android.graphics.Color)	4289549315 (0xFFAD5403)
YUV	101.3770, -48.4999, 62.8134
Hunter-Lab	39.0276, 25.0975, 24.3605

Details

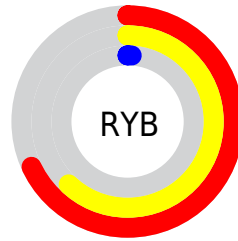
The Yxy color **15.2315, 0.5431, 0.4051** is a dark color, and the websafe version is hex **CC6600**. A complement of this color would be **10.6767, 0.1807, 0.1693**, and the grayscale version is **13.2281, 0.3127, 0.3290**.

A 20% lighter version of the original color is **35.3270, 0.4972, 0.4013**, and **4.7725, 0.5840, 0.3745** is the 20% darker color. If you saturate the color by 10%, you get **14.9907, 0.5468, 0.4040**, and if you desaturate by 10%, it is **16.7747, 0.5210, 0.4107**.

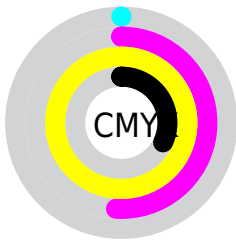
Distribution



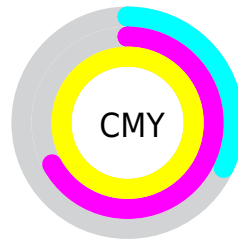
- Red (68%)
- Green (33%)
- Blue (1%)



- Red (68%)
- Yellow (62%)
- Blue (1%)



- Cyan (0%)
- Magenta (51%)
- Yellow (98%)
- Black (32%)





- Cyan (32%)
- Magenta (67%)
- Yellow (99%)


Brightness & Saturation Gradients


These gradients show how the Yxy color 15.2315, 0.5431, 0.4051 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 15.2315, 0.5431, 0.4051 by changing the saturation by 10% instead.


 15.2315, 0.5431,
0.4051


 15.2315, 0.5431,
0.4051


 224.7632, 0.4163,
0.3788

 8.9820, 0.5741,
0.4025


 35.2588, 0.4969,
0.4017


 4.7295, 0.6093,
0.3907

 49.8054, 0.4793,
0.3982

 2.0894, 0.6419,
0.3581

 67.8865, 0.4644,
0.3946

 0.6587, 0.7030,
0.2970

 89.8865, 0.4517,
0.3910

 0.0000, 1.0000,
0.0000


 116.1897, 0.4409,
0.3876


 0.0000, 0.0000,
0.0000


 147.1807, 0.4315,

0.3844


 183.2437, 0.4234,
0.3815


 15.2315, 0.5431,
0.4051


 15.2315, 0.5431,
0.4051

 14.9907, 0.5468,
0.4040

 16.7747, 0.5210,
0.4107

 18.5459, 0.4955,
0.4114

 20.5632, 0.4677,
0.4072

 22.8389, 0.4395,
0.3991

 25.3843, 0.4123,
0.3884

■ 28.2095, 0.3869,
0.3763

■ 31.3243, 0.3640,
0.3636

■ 34.7376, 0.3437,
0.3509

■ 38.4582, 0.3258,
0.3386

Harmonies

Analogous

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



15.2315, 0.5462, 0.3266



15.2315, 0.5431, 0.4051



15.2315, 0.4721, 0.4920

Triad

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



15.2315, 0.5431, 0.4051



15.2315, 0.1696, 0.4025



15.2315, 0.2155, 0.1631

Complementary

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



15.2315, 0.5431, 0.4051



10.6767, 0.1807, 0.1693

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.



15.2315, 0.1483, 0.1575



15.2315, 0.5431, 0.4051



15.2315, 0.1242, 0.2624

Square

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



15.2315, 0.5431, 0.4051



15.2315, 0.2595, 0.5415



15.2315, 0.1194, 0.1853



15.2315, 0.3272, 0.1972

Rectangle

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



15.2315, 0.5431, 0.4051



15.2315, 0.4053, 0.5445



15.2315, 0.1194, 0.1853



15.2315, 0.1882, 0.1580

Sweetspot

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



15.2323, 0.5431, 0.4051



55.4035, 0.3666, 0.3651



9.7494, 0.4771, 0.2414



11.5320, 0.3759, 0.3704



86.8899, 0.3127, 0.3290



16.2647, 0.3127, 0.3290

Same Dimension

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



15.2323, 0.5431, 0.4051



26.4222, 0.5495, 0.4019



36.6497, 0.4247, 0.5000



8.6216, 0.3275, 0.3398



11.1260, 0.5451, 0.4054



0.4196, 0.4976, 0.4431

Inverse Universe

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



10.6767, 0.1807, 0.1693



18.2246, 0.1788, 0.1636



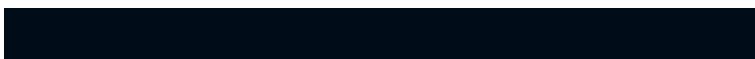
3.2226, 0.1515, 0.0636



8.4246, 0.2986, 0.3179



7.7690, 0.1801, 0.1682



0.3248, 0.1949, 0.2215

Previews

White Background



This preview shows how the Yxy color 15.2315, 0.5431, 0.4051 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 15.2315, 0.5431, 0.4051

Background



This preview shows how black text looks on a background with the Yxy color 15.2315, 0.5431, 0.4051.



This preview shows how white text looks on a background with the Yxy color 15.2315, 0.5431, 0.4051.

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

15.2315, 0.5431, 0.4051

Protanopia

15.4002, 0.4328, 0.4817

Deuteranopia

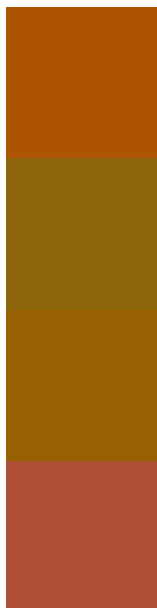
15.3039, 0.4694, 0.4655



Tritanopia

15.1873, 0.4663, 0.3224

Trichromacy



Original Color

15.2315, 0.5431, 0.4051

Protanomaly

14.9942, 0.4746, 0.4533

Deuteranomaly

15.1309, 0.4980, 0.4421

Tritanomaly

15.0023, 0.5086, 0.3635

Monochromacy



Original Color

15.2315, 0.5431, 0.4051

Achromatopsia

13.0136, 0.3127, 0.3290

Achromatomaly

13.0781, 0.4098, 0.3884

CSS Examples

Text

The CSS property to change the color of the text to Yxy 15.2315, 0.5431, 0.4051 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(173, 84, 3)` looks like.

```
.text, #text, p{  
    color:rgb(173, 84, 3)  
}
```

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(173, 84, 3) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 84, 3) }
```

Border

The CSS property to change the border of an element to Yxy 15.2315, 0.5431, 0.4051 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(173, 84, 3) }
```

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

```
.border{ border-color:rgb(173, 84, 3) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 84, 3)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 84, 3); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 84, 3);  
box-shadow:4px 4px 4px 4px rgb(173, 84, 3)  
}
```


Background

The CSS property to change the background color of an element to Yxy 15.2315, 0.5431, 0.4051 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 84, 3) }
```

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

```
.background{ background-color: rgb(173, 84,  
3) }
```

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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