

Converting Colors

$Y_{xy}(14.9186, 0.5266, 0.4201)$

Have a look what the booklet for
Yxy(14.9186, 0.5266, 0.4201)
contains.

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Color

Yxy(14.9313, 0.5260, 0.4205)

Conversions

Conversions Part 1

Format	Color
Hex	A35900
RGB	163, 89, 0
RGB Percent	64%, 35%, 0%
CMY	0.3608, 0.6510, 0.9997
CMYK	0.00, 0.45, 1.00, 0.36
HSL	33°, 100%, 32%
HSV	33°, 100%, 64%
XYZ	18.6774, 14.9313, 1.8997
YIQ	100.9800, 72.6730, -11.9910

Conversions

Conversions Part 2

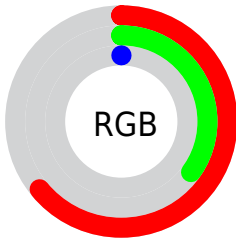
Format	Color
RYB	136, 163, 0
Decimal	10705152
CIELab	45.54, 25.43, 54.23
CIElCh	46, 59.898, 64.876
Yxy	14.9313, 0.5260, 0.4205
Android (android.graphics.Color)	4288895232 (0xFFA35900)
YUV	100.9800, -49.7831, 54.3915
Hunter-Lab	38.6410, 18.6575, 24.1339

Details

The Yxy color **14.9313, 0.5260, 0.4205** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **7.5528, 0.1735, 0.1446**, and the grayscale version is **13.1281, 0.3127, 0.3290**.

A 20% lighter version of the original color is **34.7599, 0.4829, 0.4135**, and **4.6592, 0.5609, 0.3928** is the 20% darker color. If you saturate the color by 10%, you get **14.9261, 0.5261, 0.4205**, and if you desaturate by 10%, it is **16.2653, 0.5070, 0.4246**.

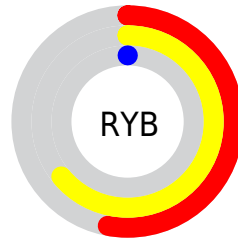
Distribution



Red (64%)

Green (35%)

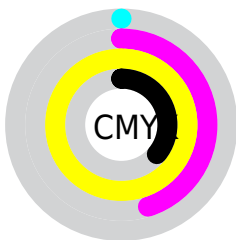
Blue (0%)



Red (53%)

Yellow (64%)

Blue (0%)

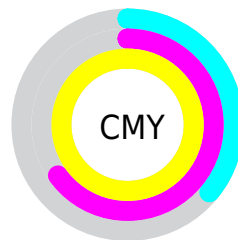


Cyan (0%)

Magenta (45%)

Yellow (100%)

Black (36%)



Cyan (36%)


Magenta (65%)


Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 14.9313, 0.5260, 0.4205 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 14.9313, 0.5260, 0.4205 by changing the saturation by 10% instead.


 14.9313, 0.5260,
0.4205


 14.9313, 0.5260,
0.4205


 222.9500, 0.4087,
0.3835


 8.7712, 0.5547,
0.4216


 34.7326, 0.4834,
0.4125


 4.5922, 0.5860,
0.4140

 49.1426, 0.4671,
0.4075


 2.0101, 0.6139,
0.3861

 67.0713, 0.4533,
0.4026

 0.6133, 0.6723,
0.3277

 88.9032, 0.4416,
0.3980


 0.0000, 1.0000,
0.0000


 115.0226, 0.4315,
0.3938


 0.0000, 0.0000,
0.0000


 145.8140, 0.4229,


0.3900


 181.6616, 0.4153,
0.3866

 14.9313, 0.5260,
0.4205

 14.9313, 0.5260,
0.4205


 14.9261, 0.5261,
0.4205

 16.2653, 0.5070,
0.4246

 17.7571, 0.4854,
0.4245

 19.4237, 0.4613,
0.4194

 21.2742, 0.4362,
0.4103

 23.3164, 0.4114,
0.3984

■ 25.5576, 0.3877,
0.3849

■ 28.0045, 0.3659,
0.3705

■ 30.6636, 0.3461,
0.3562

■ 33.5407, 0.3283,
0.3422

Harmonies

Analogous

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



14.9313, 0.5418, 0.3424



14.9313, 0.5260, 0.4205



14.9313, 0.4511, 0.5030

Triad

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



14.9313, 0.5260, 0.4205



14.9313, 0.1641, 0.3710



14.9313, 0.2368, 0.1731

Complementary

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



14.9313, 0.5260, 0.4205



7.5528, 0.1735, 0.1446

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.



14.9313, 0.1634, 0.1623



14.9313, 0.5260, 0.4205



14.9313, 0.1274, 0.2479

Square

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



14.9313, 0.5260, 0.4205



14.9313, 0.2445, 0.5109



14.9313, 0.1287, 0.1832



14.9313, 0.3507, 0.2112

Rectangle

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



14.9313, 0.5260, 0.4205



14.9313, 0.3848, 0.5462



14.9313, 0.1287, 0.1832



14.9313, 0.2075, 0.1663

Sweetspot

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



14.9321, 0.5260, 0.4205



49.8771, 0.3671, 0.3714



8.3118, 0.5078, 0.2572



10.7990, 0.3757, 0.3772



82.7571, 0.3127, 0.3290



14.7319, 0.3127, 0.3290

Same Dimension

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



14.9321, 0.5260, 0.4205



26.3253, 0.5285, 0.4186



33.4212, 0.4136, 0.5098



7.6965, 0.3272, 0.3413



11.6916, 0.5248, 0.4215



0.3387, 0.4776, 0.4590

Inverse Universe

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



7.5528, 0.1735, 0.1446



13.1254, 0.1726, 0.1413



2.6816, 0.1512, 0.0607



7.3651, 0.2987, 0.3164



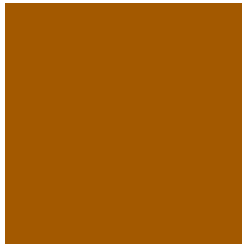
5.9536, 0.1739, 0.1461



0.2192, 0.1934, 0.2164

Previews

White Background



This preview shows how the Yxy color 14.9313, 0.5260, 0.4205 looks on a white background.

Color Contrast Check

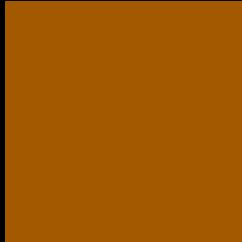
Large Text (above 18pt) WCAG AA ✓ Pass

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 14.9313, 0.5260, 0.4205 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 14.9313, 0.5260, 0.4205

Background



This preview shows how black text looks on a background with the Yxy color 14.9313, 0.5260, 0.4205.



This preview shows how white text looks on a background with the Yxy color 14.9313, 0.5260, 0.4205.

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

14.9313, 0.5260, 0.4205

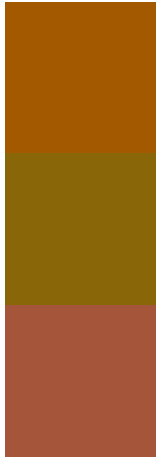
Protanopia

15.1039, 0.4341, 0.4833

Tritanopia

15.0148, 0.4397, 0.3201

Trichromacy



Original Color

14.9313, 0.5260, 0.4205

Protanomaly

14.8386, 0.4686, 0.4601

Tritanomaly

14.7917, 0.4877, 0.3699

Monochromacy



Original Color

14.9313, 0.5260, 0.4205

Achromatopsia

13.0136, 0.3127, 0.3290

Achromatomaly

13.2046, 0.4045, 0.3953

CSS Examples

Text

The CSS property to change the color of the text to Yxy 14.9313, 0.5260, 0.4205 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(163, 89, 0)` looks like.

```
.text, #text, p{  
    color:rgb(163, 89, 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(163, 89, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 89, 0) }
```

Border

The CSS property to change the border of an element to Yxy 14.9313, 0.5260, 0.4205 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(163, 89, 0) }
```

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

```
.border{ border-color:rgb(163, 89, 0) }
```

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

Here you see how a box with a 4 pixel rgb(163, 89, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(163, 89, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(163, 89, 0);  
box-shadow:4px 4px 4px 4px rgb(163, 89, 0)  
}
```

Background

The CSS property to change the background color of an element to Yxy 14.9313, 0.5260, 0.4205 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 89, 0) }
```

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

```
.background{ background-color: rgb(163, 89,  
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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