

Converting Colors

$Y_{xy}(14.4051, 0.5939, 0.4061)$

Have a look what the booklet for
Yxy(14.4051, 0.5939, 0.4061)
contains.

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Color

Yxy(14.5888, 0.5685, 0.3868)

Conversions

Conversions Part 1

Format	Color
Hex	B54900
RGB	181, 73, 0
RGB Percent	71%, 29%, 0%
CMY	0.2901, 0.7138, 1.0000
CMYK	0.00, 0.60, 1.00, 0.29
HSL	24°, 100%, 35%
HSV	24°, 100%, 71%
XYZ	21.4419, 14.5888, 1.6859
YIQ	96.9700, 87.8010, 0.1930

Conversions

Conversions Part 2

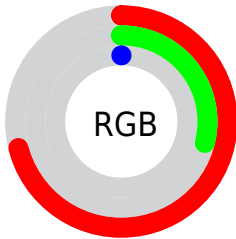
Format	Color
R_{YB}	181, 122, 0
Decimal	11880704
CIE _{Lab}	45.07, 41.16, 55.44
CIE _{LCh}	45, 69.048, 53.406
Yxy	14.5888, 0.5685, 0.3868
Android (android.graphics.Color)	4290070784 (0xFFB54900)
YUV	96.9700, -47.8062, 73.6943
Hunter-Lab	38.1953, 33.3639, 24.1196

Details

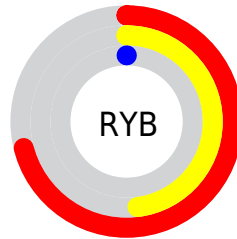
The Yxy color **14.5888, 0.5685, 0.3868** is a dark color, and the websafe version is hex **993300**. A complement of this color would be **14.0699, 0.1865, 0.1914**, and the grayscale version is **12.0496, 0.3127, 0.3290**.

A 20% lighter version of the original color is **34.2058, 0.5170, 0.3895**, and **4.4588, 0.6196, 0.3462** is the 20% darker color. If you saturate the color by 10%, you get **14.5890, 0.5685, 0.3868**, and if you desaturate by 10%, it is **16.1785, 0.5442, 0.3943**.

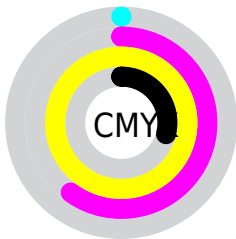
Distribution



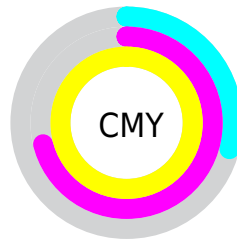
- Red (71%)
- Green (29%)
- Blue (0%)



- Red (71%)
- Yellow (48%)
- Blue (0%)



- Cyan (0%)
- Magenta (60%)
- Yellow (100%)
- Black (29%)




- Cyan (29%)
- Magenta (71%)
- Yellow (100%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 14.5888, 0.5685, 0.3868 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 14.5888, 0.5685, 0.3868 by changing the saturation by 10% instead.


 14.5888, 0.5685,
0.3868


 14.5888, 0.5685,
0.3868


 220.8637, 0.4273,
0.3741


 8.5313, 0.6042,
0.3801


 34.1302, 0.5172,
0.3896


 4.4368, 0.6402,
0.3598

 48.3829, 0.4975,
0.3881


 1.9208, 0.6799,
0.3201

 66.1361, 0.4809,
0.3859

 0.5608, 0.7570,
0.2430

 87.7742, 0.4668,
0.3835


 0.0000, 1.0000,
0.0000


 113.6816, 0.4547,
0.3810


 0.0000, 0.0000,
0.0000


 144.2427, 0.4443,


0.3785

 179.8419, 0.4352,
0.3762


 14.5888, 0.5685,
0.3868


 14.5888, 0.5685,
0.3868


 14.5890, 0.5685,
0.3868

 16.1785, 0.5442,
0.3943

 18.0664, 0.5158,
0.3976

 20.2799, 0.4845,
0.3958

 22.8368, 0.4527,
0.3900

 25.7533, 0.4223,
0.3814

■ 29.0442, 0.3944,
0.3712

■ 32.7236, 0.3695,
0.3603

■ 36.8045, 0.3478,
0.3494

■ 41.2994, 0.3289,
0.3389

Harmonies

Analogous

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



14.5888, 0.5576, 0.3072



14.5888, 0.5685, 0.3868



14.5888, 0.4989, 0.4802

Triad

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



14.5888, 0.5685, 0.3868



14.5888, 0.1711, 0.4454



14.5888, 0.1894, 0.1480

Complementary

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



14.5888, 0.5685, 0.3868



14.0699, 0.1865, 0.1914

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.



14.5888, 0.1281, 0.1477



14.5888, 0.5685, 0.3868



14.5888, 0.1157, 0.2780

Square

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



14.5888, 0.5685, 0.3868



14.5888, 0.2728, 0.5836



14.5888, 0.1048, 0.1837



14.5888, 0.3002, 0.1780

Rectangle

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



14.5888, 0.5685, 0.3868



14.5888, 0.4284, 0.5441



14.5888, 0.1048, 0.1837



14.5888, 0.1640, 0.1445

Sweetspot

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



14.5896, 0.5685, 0.3868



58.2441, 0.3707, 0.3609



10.9220, 0.4538, 0.2273



11.9830, 0.3807, 0.3654



91.1408, 0.3127, 0.3290



17.8868, 0.3127, 0.3290

Same Dimension

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



14.5896, 0.5685, 0.3868



25.7045, 0.5713, 0.3846



35.9910, 0.4380, 0.4904



9.0490, 0.3277, 0.3382



10.1837, 0.5663, 0.3885



0.4363, 0.5158, 0.4287

Inverse Universe

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



14.0699, 0.1865, 0.1914



24.7348, 0.1859, 0.1890



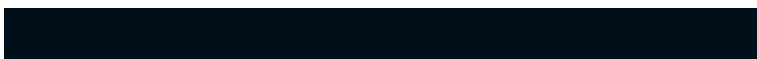
3.7731, 0.1520, 0.0670



9.0452, 0.2986, 0.3196



9.8356, 0.1870, 0.1933



0.4202, 0.1987, 0.2353

Previews

White Background



This preview shows how the Yxy color 14.5888, 0.5685, 0.3868 looks on a white background.

Color Contrast Check

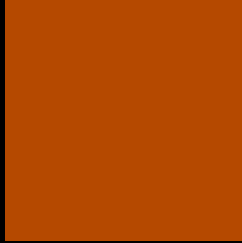
Large Text (above 18pt) WCAG AA ✓ Pass

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 14.5888, 0.5685, 0.3868 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 14.5888, 0.5685, 0.3868

Background



This preview shows how black text looks on a background with the Yxy color 14.5888, 0.5685, 0.3868.



This preview shows how white text looks on a background with the Yxy color 14.5888, 0.5685, 0.3868.

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

14.5888, 0.5685, 0.3868

Protanopia

14.8337, 0.4320, 0.4797

Deuteranopia

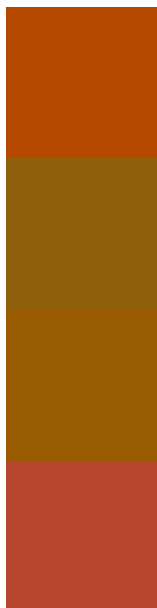
14.7370, 0.4702, 0.4649



Tritanopia

14.6694, 0.5037, 0.3246

Trichromacy



Original Color

14.5888, 0.5685, 0.3868

Protanomaly

14.0482, 0.4877, 0.4426

Deuteranomaly

14.1576, 0.5104, 0.4329

Tritanomaly

14.5227, 0.5396, 0.3566

Monochromacy



Original Color

14.5888, 0.5685, 0.3868

Achromatopsia

11.9538, 0.3127, 0.3290

Achromatomaly

11.9164, 0.4232, 0.3803

CSS Examples

Text

The CSS property to change the color of the text to Yxy 14.5888, 0.5685, 0.3868 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(181, 73, 0)` looks like.

```
.text, #text, p{  
    color:rgb(181, 73, 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(181, 73, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 73, 0) }
```

Border

The CSS property to change the border of an element to Yxy 14.5888, 0.5685, 0.3868 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(181, 73, 0) }
```

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

```
.border{ border-color:rgb(181, 73, 0) }
```

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

Here you see how a box with a 4 pixel rgb(181, 73, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 73, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 73, 0);  
box-shadow:4px 4px 4px 4px rgb(181, 73, 0)  
}
```


Background

The CSS property to change the background color of an element to Yxy 14.5888, 0.5685, 0.3868 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 73, 0) }
```

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

```
.background{ background-color: rgb(181, 73,  
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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