

Converting Colors

$Y_{xy}(14.0177, 0.5898, 0.4099)$

Have a look what the booklet for
Yxy(14.0177, 0.5898, 0.4099)
contains.

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Color

Yxy(14.1122, 0.5656, 0.3891)

Conversions

Conversions Part 1

Format	Color
Hex	B14900
RGB	177, 73, 0
RGB Percent	69%, 29%, 0%
CMY	0.3059, 0.7137, 1.0000
CMYK	0.00, 0.59, 1.00, 0.31
HSL	25°, 100%, 35%
HSV	25°, 100%, 69%
XYZ	20.5136, 14.1122, 1.6430
YIQ	95.7740, 85.4170, -0.6550

Conversions

Conversions Part 2

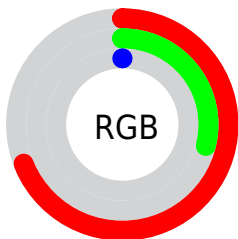
Format	Color
R_{YB}	177, 124, 0
Decimal	11618560
CIE Lab	44.39, 39.60, 54.70
CIE LCh	44, 67.535, 54.097
Yxy	14.1122, 0.5656, 0.3891
Android (android.graphics.Color)	4289808640 (0xFFB14900)
YUV	95.7740, -47.2166, 71.2352
Hunter-Lab	37.5662, 31.7320, 23.7033

Details

The Yxy color **14.1122, 0.5656, 0.3891** is a dark color, and the websafe version is hex **993300**. A complement of this color would be **13.0749, 0.1857, 0.1884**, and the grayscale version is **11.7419, 0.3127, 0.3290**.

A 20% lighter version of the original color is **33.3134, 0.5139, 0.3920**, and **4.2493, 0.6150, 0.3498** is the 20% darker color. If you saturate the color by 10%, you get **14.1121, 0.5656, 0.3891**, and if you desaturate by 10%, it is **15.6386, 0.5415, 0.3964**.

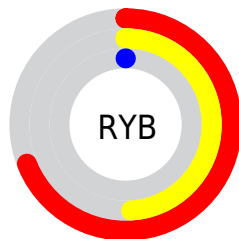
Distribution



Red (69%)

Green (29%)

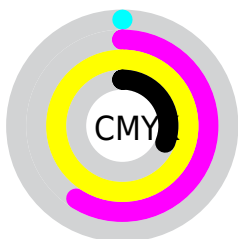
Blue (0%)



Red (69%)

Yellow (49%)

Blue (0%)

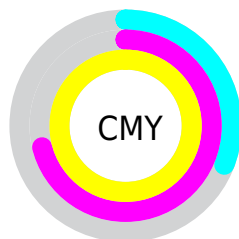


Cyan (0%)

Magenta (59%)

Yellow (100%)

Black (31%)



Cyan (31%)


Magenta (71%)


Yellow (100%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 14.1122, 0.5656, 0.3891 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 14.1122, 0.5656, 0.3891 by changing the saturation by 10% instead.


 14.1122, 0.5656,
0.3891


 14.1122, 0.5656,
0.3891


 217.9277, 0.4252,
0.3745


 8.1987, 0.6019,
0.3831


 33.2880, 0.5144,
0.3912


 4.2224, 0.6374,
0.3626

 47.3191, 0.4948,
0.3893


 1.7987, 0.6773,
0.3227

 64.8249, 0.4783,
0.3869

 0.4864, 0.7642,
0.2358

 86.1897, 0.4643,
0.3843

 0.0000, 1.0000,
0.0000


 111.7980, 0.4523,
0.3817


 0.0000, 0.0000,
0.0000


 142.0342, 0.4420,

0.3791

 177.2826, 0.4331,
0.3767

 14.1122, 0.5656,
0.3891


 14.1122, 0.5656,
0.3891


 14.1121, 0.5656,
0.3891

 15.6386, 0.5415,
0.3964

 17.4418, 0.5135,
0.3994

 19.5472, 0.4827,
0.3973

 21.9712, 0.4514,
0.3913

 24.7286, 0.4214,
0.3825

■ 27.8331, 0.3939,
0.3721

■ 31.2975, 0.3692,
0.3610

■ 35.1337, 0.3476,
0.3499

■ 39.3533, 0.3289,
0.3391

Harmonies

Analogous

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



14.1122, 0.5566, 0.3095



14.1122, 0.5656, 0.3891



14.1122, 0.4957, 0.4819

Triad

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



14.1122, 0.5656, 0.3891



14.1122, 0.1708, 0.4399



14.1122, 0.1925, 0.1497

Complementary

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



14.1122, 0.5656, 0.3891



13.0749, 0.1857, 0.1884

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.



14.1122, 0.1303, 0.1487



14.1122, 0.5656, 0.3891



14.1122, 0.1165, 0.2758

Square

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



14.1122, 0.5656, 0.3891



14.1122, 0.2711, 0.5789



14.1122, 0.1064, 0.1837



14.1122, 0.3036, 0.1802

Rectangle

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



14.1122, 0.5656, 0.3891



14.1122, 0.4256, 0.5446



14.1122, 0.1064, 0.1837



14.1122, 0.1668, 0.1460

Sweetspot

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



14.1130, 0.5656, 0.3891



55.7167, 0.3704, 0.3616



10.3918, 0.4535, 0.2272



11.5081, 0.3802, 0.3661



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.



14.1130, 0.5656, 0.3891



24.8631, 0.5684, 0.3868



34.2458, 0.4380, 0.4905



9.0618, 0.3277, 0.3384



10.3389, 0.5637, 0.3906



0.4415, 0.5139, 0.4301

Inverse Universe

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



13.0749, 0.1857, 0.1884



22.9694, 0.1850, 0.1859



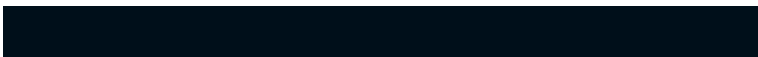
3.5976, 0.1520, 0.0671



9.0321, 0.2986, 0.3194



9.5946, 0.1861, 0.1900



0.4135, 0.1981, 0.2330

Previews

White Background



This preview shows how the Yxy color 14.1122, 0.5656, 0.3891 looks on a white background.

Color Contrast Check

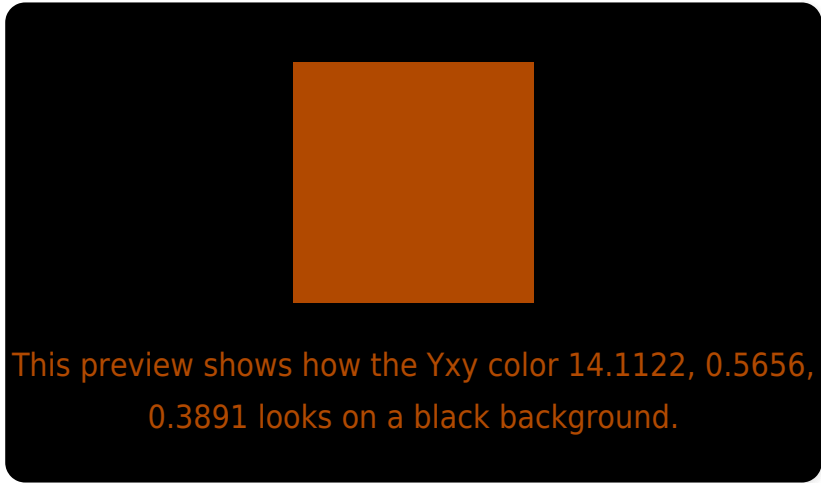
Large Text (above 18pt) WCAG AA ✓ Pass

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

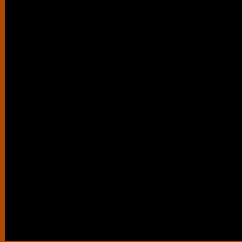
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 14.1122, 0.5656, 0.3891

Background



This preview shows how black text looks on a background with the Yxy color 14.1122, 0.5656, 0.3891.



This preview shows how white text looks on a background with the Yxy color 14.1122, 0.5656, 0.3891.

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

14.1122, 0.5656, 0.3891

Protanopia

14.2705, 0.4325, 0.4798

Deuteranopia

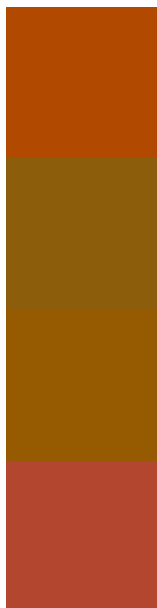
14.1827, 0.4710, 0.4642



Tritanopia

14.1858, 0.4991, 0.3244

Trichromacy



Original Color

14.1122, 0.5656, 0.3891

Protanomaly

13.6050, 0.4856, 0.4440

Deuteranomaly

13.7964, 0.5099, 0.4333

Tritanomaly

14.0426, 0.5358, 0.3576

Monochromacy



Original Color

14.1122, 0.5656, 0.3891

Achromatopsia

11.6971, 0.3127, 0.3290

Achromatomaly

11.6763, 0.4199, 0.3833

CSS Examples

Text

The CSS property to change the color of the text to Yxy 14.1122, 0.5656, 0.3891 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(177, 73, 0)` looks like.

```
.text, #text, p{  
    color:rgb(177, 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(177, 73, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 73, 0) }
```

Border

The CSS property to change the border of an element to Yxy 14.1122, 0.5656, 0.3891 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(177, 73, 0) }
```

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

```
.border{ border-color:rgb(177, 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(177, 73, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(177, 73, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(177, 73, 0);  
box-shadow:4px 4px 4px 4px rgb(177, 73, 0)  
}
```


Background

The CSS property to change the background color of an element to Yxy 14.1122, 0.5656, 0.3891 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 73, 0) }
```

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

```
.background{ background-color: rgb(177, 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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