

Converting Colors

$Y_{xy}(14.4570, 0.5149, 0.4293)$

Have a look what the booklet for
Yxy(14.4570, 0.5149, 0.4293)
contains.

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Color

Yxy(14.5501, 0.5149, 0.4293)

Conversions

Conversions Part 1

Format	Color
Hex	9C5B00
RGB	156, 91, 0
RGB Percent	61%, 36%, 0%
CMY	0.3883, 0.6431, 0.9996
CMYK	0.00, 0.42, 1.00, 0.39
HSL	35°, 100%, 31%
HSV	35°, 100%, 61%
XYZ	17.4513, 14.5501, 1.8912
YIQ	100.0610, 67.9510, -14.5210

Conversions

Conversions Part 2

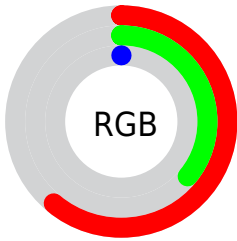
Format	Color
R_{YB}	111, 156, 0
Decimal	10246912
CIE _{Lab}	45.01, 21.20, 53.40
CIE _{LCh}	45, 57.453, 68.343
Yxy	14.5501, 0.5149, 0.4293
Android (android.graphics.Color)	4288436992 (0xFF9C5B00)
YUV	100.0610, -49.3301, 49.0585
Hunter-Lab	38.1446, 14.9114, 23.7616

Details

The Yxy color **14.5501, 0.5149, 0.4293** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **6.1910, 0.1705, 0.1337**, and the grayscale version is **12.8789, 0.3127, 0.3290**.

A 20% lighter version of the original color is **33.9644, 0.4755, 0.4180**, and **4.4734, 0.5433, 0.4068** is the 20% darker color. If you saturate the color by 10%, you get **14.5440, 0.5150, 0.4293**, and if you desaturate by 10%, it is **15.7477, 0.4974, 0.4322**.

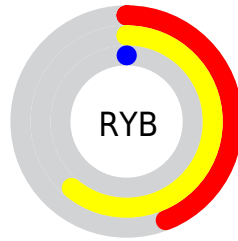
Distribution



Red (61%)

Green (36%)

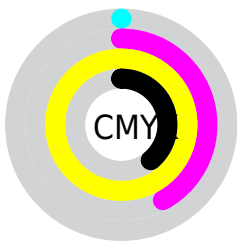
Blue (0%)



Red (44%)

Yellow (61%)

Blue (0%)

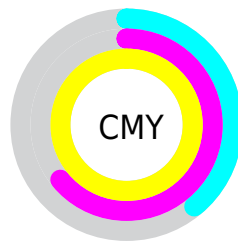


Cyan (0%)

Magenta (42%)

Yellow (100%)

Black (39%)



Cyan (39%)


Magenta (64%)


Yellow (100%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 14.5501, 0.5149, 0.4293 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 14.5501, 0.5149, 0.4293 by changing the saturation by 10% instead.


 14.5501, 0.5149,
0.4293


 14.5501, 0.5149,
0.4293


 220.6267, 0.4035,
0.3856


 8.5043, 0.5423,
0.4329


 34.0620, 0.4744,
0.4182


 4.4193, 0.5718,
0.4282

 48.2968, 0.4589,
0.4123

 1.9108, 0.5965,
0.4035

 66.0300, 0.4458,
0.4066

 0.5548, 0.6568,
0.3432


 87.6461, 0.4346,
0.4015


 0.0000, 0.0000,
0.0000


 113.5294, 0.4251,
0.3969


 144.0644, 0.4169,

0.3927


 179.6353, 0.4098,
0.3890


 14.5501, 0.5149,
0.4293


 14.5501, 0.5149,
0.4293


 14.5440, 0.5150,
0.4293

 15.7477, 0.4974,
0.4322

 17.0710, 0.4776,
0.4311

 18.5351, 0.4554,
0.4252

 20.1474, 0.4319,
0.4153

 21.9142, 0.4085,
0.4026

■ 23.8416, 0.3859,
0.3882

■ 25.9348, 0.3649,
0.3731

■ 28.1990, 0.3456,
0.3578

■ 30.6391, 0.3282,
0.3430

Harmonies

Analogous

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



14.5501, 0.5374, 0.3518



14.5501, 0.5149, 0.4293



14.5501, 0.4383, 0.5080

Triad

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



14.5501, 0.5149, 0.4293



14.5501, 0.1619, 0.3538



14.5501, 0.2501, 0.1797

Complementary

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



14.5501, 0.5149, 0.4293



6.1910, 0.1705, 0.1337

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.



14.5501, 0.1733, 0.1660



14.5501, 0.5149, 0.4293



14.5501, 0.1302, 0.2407

Square

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



14.5501, 0.5149, 0.4293



14.5501, 0.2364, 0.4913



14.5501, 0.1350, 0.1828



14.5501, 0.3642, 0.2201

Rectangle

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



14.5501, 0.5149, 0.4293



14.5501, 0.3726, 0.5444



14.5501, 0.1350, 0.1828



14.5501, 0.2199, 0.1720

Sweetspot

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



14.5509, 0.5149, 0.4293



46.8498, 0.3662, 0.3741



7.4827, 0.5208, 0.2643



9.9764, 0.3742, 0.3800



78.7412, 0.3127, 0.3290



13.2868, 0.3127, 0.3290

Same Dimension

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



14.5509, 0.5149, 0.4293



26.0214, 0.5173, 0.4274



29.8505, 0.4079, 0.5143



7.2563, 0.3270, 0.3420



12.0500, 0.5141, 0.4300



0.2978, 0.4681, 0.4665

Inverse Universe

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



6.1910, 0.1705, 0.1337



10.8630, 0.1695, 0.1301



2.4699, 0.1525, 0.0614



6.8669, 0.2988, 0.3156



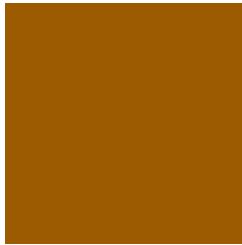
5.1596, 0.1708, 0.1349



0.1738, 0.1922, 0.2120

Previews

White Background



This preview shows how the Yxy color 14.5501, 0.5149, 0.4293 looks on a white background.

Color Contrast Check

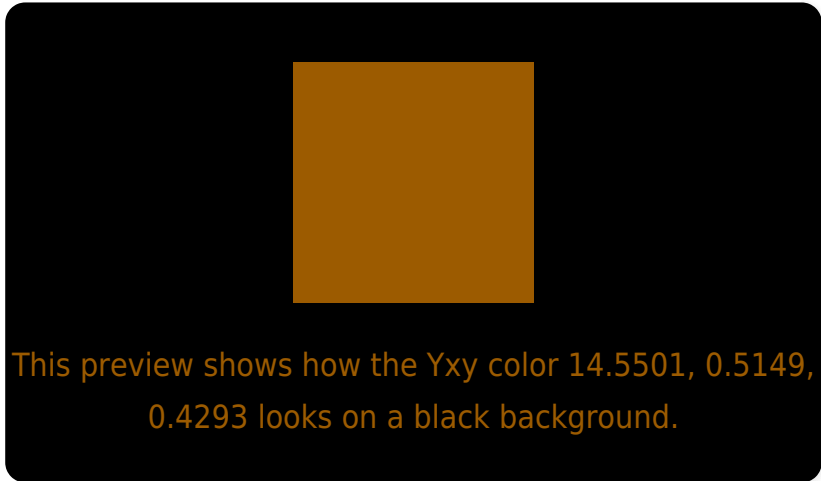
Large Text (above 18pt) WCAG AA ✓ Pass

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 14.5501, 0.5149, 0.4293

Background



This preview shows how black text looks on a background with the Yxy color 14.5501, 0.5149, 0.4293.



This preview shows how white text looks on a background with the Yxy color 14.5501, 0.5149, 0.4293.

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

14.5501, 0.5149, 0.4293

Protanopia

14.6069, 0.4361, 0.4823

Tritanopia

14.6233, 0.4248, 0.3196

Trichromacy



Original Color

14.5501, 0.5149, 0.4293

Protanomaly

14.3932, 0.4662, 0.4618

Tritanomaly

14.3910, 0.4748, 0.3740

Monochromacy



Original Color

14.5501, 0.5149, 0.4293

Achromatopsia

12.7438, 0.3127, 0.3290

Achromatomaly

12.9126, 0.3981, 0.3971

CSS Examples

Text

The CSS property to change the color of the text to Yxy 14.5501, 0.5149, 0.4293 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(156, 91, 0)` looks like.

```
.text, #text, p{  
    color:rgb(156, 91, 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(156, 91, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 91, 0) }
```

Border

The CSS property to change the border of an element to Yxy 14.5501, 0.5149, 0.4293 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(156, 91, 0) }
```

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

```
.border{ border-color:rgb(156, 91, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(156, 91, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(156, 91, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(156, 91, 0);  
box-shadow:4px 4px 4px 4px rgb(156, 91, 0)  
}
```

Background

The CSS property to change the background color of an element to Yxy 14.5501, 0.5149, 0.4293 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 91, 0) }
```

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

```
.background{ background-color: rgb(156, 91,  
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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