

Converting Colors

$Y_{xy}(14.6191, 0.5147, 0.4179)$

Have a look what the booklet for
Yxy(14.6191, 0.5147, 0.4179)
contains.

Yxy(14.5531, 0.5152, 0.4174)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(14.5531, 0.5152, 0.4174)

Conversions

Conversions Part 1

Format	Color
Hex	9F5910
RGB	159, 89, 16
RGB Percent	62%, 35%, 6%
CMY	0.3765, 0.6509, 0.9375
CMYK	0.00, 0.44, 0.90, 0.38
HSL	31°, 82%, 34%
HSV	31°, 90%, 62%
XYZ	17.9630, 14.5531, 2.3500
YIQ	101.6080, 65.1530, -7.8630

Conversions

Conversions Part 2

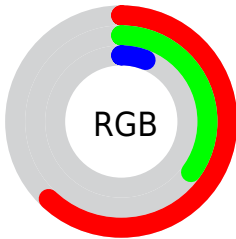
Format	Color
R_{YB}	153, 159, 16
Decimal	10443024
CIE _{Lab}	45.02, 23.94, 49.52
CIE _{LCh}	45, 54.997, 64.201
Yxy	14.5531, 0.5152, 0.4174
Android (android.graphics.Color)	4288633104 (0xFF9F5910)
YUV	101.6080, -42.2047, 50.3328
Hunter-Lab	38.1485, 17.2904, 23.0517

Details

The Yxy color **14.5531, 0.5152, 0.4174** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **9.2564, 0.1843, 0.1743**, and the grayscale version is **13.2778, 0.3127, 0.3290**.

A 20% lighter version of the original color is **34.2336, 0.4727, 0.4082**, and **4.4226, 0.5559, 0.3968** is the 20% darker color. If you saturate the color by 10%, you get **13.2897, 0.5359, 0.4127**, and if you desaturate by 10%, it is **15.9840, 0.4919, 0.4180**.

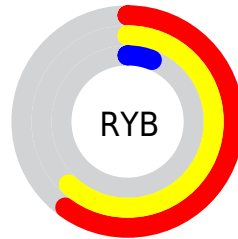
Distribution



Red (62%)

Green (35%)

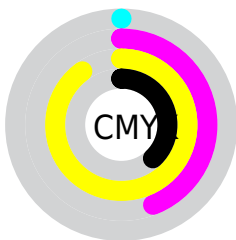
Blue (6%)



Red (60%)

Yellow (62%)

Blue (6%)

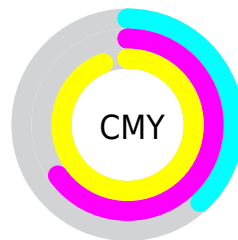


Cyan (0%)

Magenta (44%)

Yellow (90%)

Black (38%)



Cyan (38%)


Magenta (65%)


Yellow (94%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 14.5531, 0.5152, 0.4174 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 14.5531, 0.5152, 0.4174 by changing the saturation by 10% instead.


 14.5531, 0.5152,
0.4174


 14.5531, 0.5152,
0.4174


220.6451, 0.4016,
0.3791


 8.5063, 0.5433,
0.4193


 34.0673, 0.4728,
0.4078


 4.4206, 0.5818,
0.4182

 48.3034, 0.4570,
0.4025

 1.9115, 0.6090,
0.3910

 66.0382, 0.4437,
0.3976

 0.5553, 0.6728,
0.3272

 87.6560, 0.4325,
0.3931


 0.0000, 1.0000,
0.0000


 113.5412, 0.4230,
0.3890


 0.0000, 0.0000,
0.0000


 144.0782, 0.4149,


0.3854

 179.6513, 0.4078,
0.3821

 14.5531, 0.5152,
0.4174

 14.5531, 0.5152,
0.4174


 13.2897, 0.5359,
0.4127


 15.9840, 0.4919,
0.4180

 13.2867, 0.5359,
0.4127

 17.5966, 0.4661,
0.4136

 19.4009, 0.4395,
0.4052

 21.4052, 0.4135,
0.3941

 23.6171, 0.3890,
0.3814

■ 26.0437, 0.3665,
0.3679

■ 28.6916, 0.3463,
0.3545

■ 31.5671, 0.3284,
0.3414

■ 34.6762, 0.3127,
0.3290

Harmonies

Analogous

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



14.5531, 0.5258, 0.3428



14.5531, 0.5152, 0.4174



14.5531, 0.4477, 0.4934

Triad

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



14.5531, 0.5152, 0.4174



14.5531, 0.1752, 0.3717



14.5531, 0.2400, 0.1809

Complementary

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



14.5531, 0.5152, 0.4174



9.2564, 0.1843, 0.1743

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.



14.5531, 0.1707, 0.1716



14.5531, 0.5152, 0.4174



14.5531, 0.1380, 0.2567

Square

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



14.5531, 0.5152, 0.4174



14.5531, 0.2529, 0.4974



14.5531, 0.1379, 0.1931



14.5531, 0.3460, 0.2170

Rectangle

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



14.5531, 0.5152, 0.4174



14.5531, 0.3859, 0.5313



14.5531, 0.1379, 0.1931



14.5531, 0.2125, 0.1747

Sweetspot

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



14.5539, 0.5152, 0.4174



47.7751, 0.3613, 0.3646



8.4350, 0.4695, 0.2442



10.4417, 0.3681, 0.3689



80.7346, 0.3127, 0.3290



13.9985, 0.3127, 0.3290

Same Dimension

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



14.5539, 0.5152, 0.4174



23.4061, 0.5386, 0.4105



32.2024, 0.4167, 0.5010



7.1782, 0.3272, 0.3404



10.5788, 0.5346, 0.4137



0.2737, 0.4793, 0.4576

Inverse Universe

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



9.2564, 0.1843, 0.1743



13.8000, 0.1758, 0.1529



2.9814, 0.1560, 0.0699



6.9442, 0.2988, 0.3173



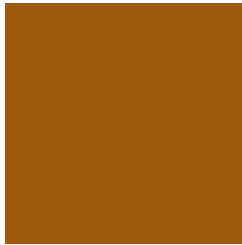
6.3401, 0.1771, 0.1576



0.1978, 0.1972, 0.2301

Previews

White Background



This preview shows how the Yxy color 14.5531, 0.5152, 0.4174 looks on a white background.

Color Contrast Check

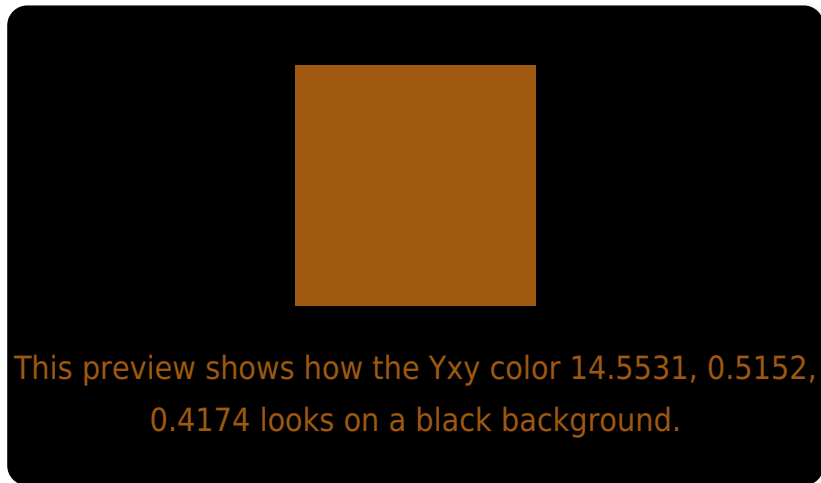
Large Text (above 18pt) WCAG AA ✓ Pass

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 14.5531, 0.5152, 0.4174

Background



This preview shows how black text looks on a background with the Yxy color 14.5531, 0.5152, 0.4174.



This preview shows how white text looks on a background with the Yxy color 14.5531, 0.5152, 0.4174.

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

14.5531, 0.5152, 0.4174

Protanopia

14.6345, 0.4319, 0.4760

Deuteranopia

14.6536, 0.4688, 0.4660



Tritanopia

14.5892, 0.4340, 0.3199

Trichromacy



Original Color

14.5531, 0.5152, 0.4174

Protanomaly

14.3123, 0.4644, 0.4531

Deuteranomaly

14.4918, 0.4874, 0.4468

Tritanomaly

14.4219, 0.4753, 0.3643

Monochromacy



Original Color

14.5531, 0.5152, 0.4174

Achromatopsia

13.2868, 0.3127, 0.3290

Achromatomaly

13.2153, 0.3926, 0.3820

CSS Examples

Text

The CSS property to change the color of the text to Yxy 14.5531, 0.5152, 0.4174 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(159, 89, 16)` looks like.

```
.text, #text, p{  
  color:rgb(159, 89, 16)  
}
```

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(159, 89, 16) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 89, 16) }
```

Border

The CSS property to change the border of an element to Yxy 14.5531, 0.5152, 0.4174 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(159, 89, 16) }
```

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

```
.border{ border-color:rgb(159, 89, 16) }
```

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

Here you see how a box with a 4 pixel `rgb(159, 89, 16)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(159, 89, 16); -webkit-box-  
shadow:4px 4px 4px 4px rgb(159, 89, 16);  
box-shadow:4px 4px 4px 4px rgb(159, 89,  
16) }
```


Background

The CSS property to change the background color of an element to Yxy 14.5531, 0.5152, 0.4174 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 89, 16) }
```

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

```
.background{ background-color: rgb(159, 89,  
16) }
```

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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