

Converting Colors

$Y_{xy}(15.0223, 0.5158, 0.3961)$

Have a look what the booklet for
Yxy(15.0223, 0.5158, 0.3961)
contains.

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Color

Yxy(14.9809, 0.5166, 0.3961)

Conversions

Conversions Part 1

Format	Color
Hex	A75621
RGB	167, 86, 33
RGB Percent	65%, 34%, 13%
CMY	0.3451, 0.6627, 0.8705
CMYK	0.00, 0.48, 0.80, 0.35
HSL	24°, 67%, 39%
HSV	24°, 80%, 65%
XYZ	19.5383, 14.9809, 3.3018
YIQ	104.1770, 65.2890, 0.6890

Conversions

Conversions Part 2

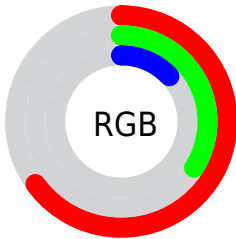
Format	Color
R_{YB}	167, 121, 33
Decimal	10966561
CIE _{Lab}	45.61, 29.54, 43.85
CIE _{LCh}	46, 52.873, 56.038
Yxy	14.9809, 0.5166, 0.3961
Android (android.graphics.Color)	4289156641 (0xFFA75621)
YUV	104.1770, -35.0903, 55.0958
Hunter-Lab	38.7052, 22.3726, 22.0358

Details

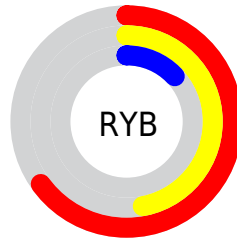
The Yxy color **14.9809, 0.5166, 0.3961** is a dark color, and the websafe version is hex **CC6633**. A complement of this color would be **15.1494, 0.2017, 0.2243**, and the grayscale version is **13.9772, 0.3127, 0.3290**.

A 20% lighter version of the original color is **34.8163, 0.4720, 0.3903**, and **4.6374, 0.5755, 0.3813** is the 20% darker color. If you saturate the color by 10%, you get **13.4103, 0.5453, 0.3929**, and if you desaturate by 10%, it is **16.8273, 0.4851, 0.3944**.

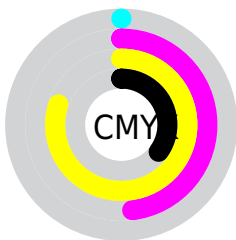
Distribution



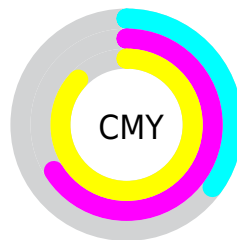
- Red (65%)
- Green (34%)
- Blue (13%)



- Red (65%)
- Yellow (47%)
- Blue (13%)



- Cyan (0%)
- Magenta (48%)
- Yellow (80%)
- Black (35%)





- Cyan (35%)
- Magenta (66%)
- Yellow (87%)


Brightness & Saturation Gradients


These gradients show how the Yxy color 14.9809, 0.5166, 0.3961 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 14.9809, 0.5166, 0.3961 by changing the saturation by 10% instead.


 14.9809, 0.5166,
0.3961


 14.9809, 0.5166,
0.3961


 223.2506, 0.4000,
0.3686


 8.8060, 0.5475,
0.3963


 34.8197, 0.4718,
0.3898


 4.6148, 0.5992,
0.3990

 49.2523, 0.4556,
0.3860


 2.0231, 0.6313,
0.3687

 67.2063, 0.4421,
0.3824

 0.6208, 0.6934,
0.3066

 89.0661, 0.4309,
0.3791


 0.0000, 1.0000,
0.0000


 115.2160, 0.4214,
0.3761


 0.0000, 0.0000,
0.0000


 146.0404, 0.4132,

0.3733


 181.9238, 0.4062,
0.3709


 14.9809, 0.5166,
0.3961


 14.9809, 0.5166,
0.3961


 13.4103, 0.5453,
0.3929


 16.8273, 0.4851,
0.3944

 12.1172, 0.5696,
0.3859

 18.9620, 0.4532,
0.3887

 21.3995, 0.4227,
0.3803

 24.1523, 0.3947,
0.3704

 27.2321, 0.3698,
0.3598

■ 30.6502, 0.3481,
0.3492

■ 34.4169, 0.3292,
0.3389

■ 38.5423, 0.3131,
0.3292

■ 43.0360, 0.2992,
0.3202

Harmonies

Analogous

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



14.9809, 0.5061, 0.3250



14.9809, 0.5166, 0.3961



14.9809, 0.4651, 0.4697

Triad

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



14.9809, 0.5166, 0.3961



14.9809, 0.1981, 0.4049



14.9809, 0.2213, 0.1811

Complementary

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



14.9809, 0.5166, 0.3961



15.1494, 0.2017, 0.2243

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.



14.9809, 0.1639, 0.1798



14.9809, 0.5166, 0.3961



14.9809, 0.1505, 0.2860

Square

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



14.9809, 0.5166, 0.3961



14.9809, 0.2818, 0.5095



14.9809, 0.1408, 0.2111



14.9809, 0.3147, 0.2094

Rectangle

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



14.9809, 0.5166, 0.3961



14.9809, 0.4099, 0.5111



14.9809, 0.1408, 0.2111



14.9809, 0.1981, 0.1775

Sweetspot

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



14.9817, 0.5166, 0.3961



52.2457, 0.3568, 0.3536



10.5563, 0.4121, 0.2218



11.2253, 0.3644, 0.3573



84.8088, 0.3127, 0.3290



15.4872, 0.3127, 0.3290

Same Dimension

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



14.9817, 0.5166, 0.3961



22.2091, 0.5635, 0.3871



30.5760, 0.4284, 0.4792



8.0110, 0.3276, 0.3380



9.3630, 0.5680, 0.3872



0.3281, 0.5087, 0.4343

Inverse Universe

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



15.1494, 0.2017, 0.2243



22.2281, 0.1891, 0.1983



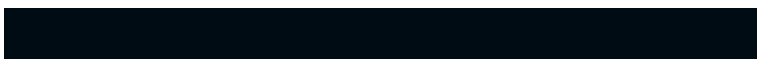
5.2808, 0.1700, 0.1034



8.0265, 0.2987, 0.3199



9.3471, 0.1879, 0.1964



0.3230, 0.2014, 0.2452

Previews

White Background



This preview shows how the Yxy color 14.9809, 0.5166, 0.3961 looks on a white background.

Color Contrast Check

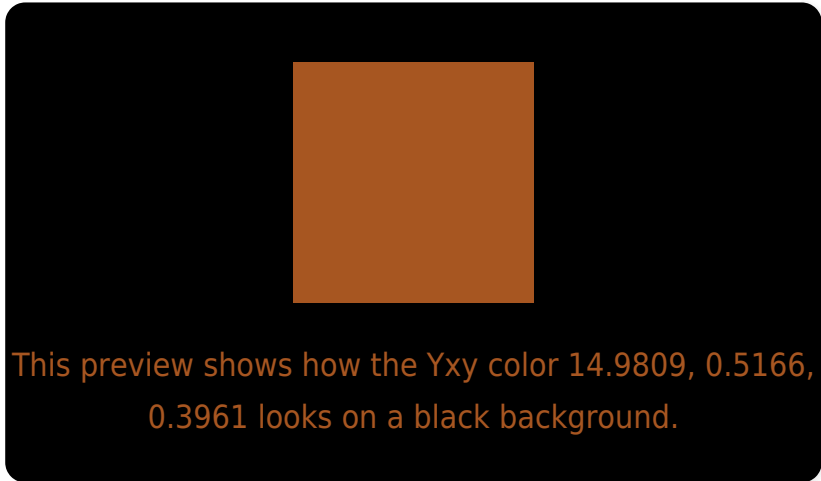
Large Text (above 18pt) WCAG AA ✓ Pass

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 14.9809, 0.5166, 0.3961

Background



This preview shows how black text looks on a background with the Yxy color 14.9809, 0.5166, 0.3961.



This preview shows how white text looks on a background with the Yxy color 14.9809, 0.5166, 0.3961.

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

14.9809, 0.5166, 0.3961

Protanopia

15.1487, 0.4159, 0.4592

Deuteranopia

15.0980, 0.4572, 0.4493



Tritanopia

14.9918, 0.4506, 0.3219

Trichromacy



Original Color

14.9809, 0.5166, 0.3961

Protanomaly

14.8442, 0.4535, 0.4351

Deuteranomaly

14.9340, 0.4800, 0.4290

Tritanomaly

14.9166, 0.4789, 0.3527

Monochromacy



Original Color

14.9809, 0.5166, 0.3961

Achromatopsia

13.8432, 0.3127, 0.3290

Achromatomaly

13.6115, 0.3883, 0.3670

CSS Examples

Text

The CSS property to change the color of the text to Yxy 14.9809, 0.5166, 0.3961 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(167, 86, 33)` looks like.

```
.text, #text, p{  
  color:rgb(167, 86, 33)  
}
```

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(167, 86, 33) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 86, 33) }
```

Border

The CSS property to change the border of an element to Yxy 14.9809, 0.5166, 0.3961 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(167, 86, 33) }
```

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

```
.border{ border-color:rgb(167, 86, 33) }
```

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

Here you see how a box with a 4 pixel rgb(167, 86, 33) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(167, 86, 33); -webkit-box-  
shadow:4px 4px 4px 4px rgb(167, 86, 33);  
box-shadow:4px 4px 4px 4px rgb(167, 86,  
33) }
```


Background

The CSS property to change the background color of an element to Yxy 14.9809, 0.5166, 0.3961 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 86, 33) }
```

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

```
.background{ background-color: rgb(167, 86,  
33) }
```

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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