

Converting Colors

$Y_{xy}(15.1433, 0.5188, 0.4263)$

Have a look what the booklet for
Yxy(15.1433, 0.5188, 0.4263)
contains.

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Color

Yxy(15.2314, 0.5186, 0.4264)

Conversions

Conversions Part 1

Format	Color
Hex	A15C00
RGB	161, 92, 0
RGB Percent	63%, 36%, 0%
CMY	0.3686, 0.6392, 0.9998
CMYK	0.00, 0.43, 1.00, 0.37
HSL	34°, 100%, 32%
HSV	34°, 100%, 63%
XYZ	18.5249, 15.2314, 1.9647
YIQ	102.1430, 70.6560, -13.9840

Conversions

Conversions Part 2

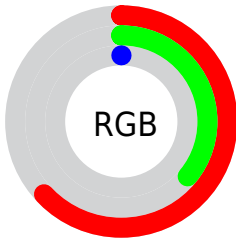
Format	Color
RYB	121, 161, 0
Decimal	10574848
CIELab	45.95, 22.87, 54.35
CIElCh	46, 58.969, 67.178
Yxy	15.2314, 0.5186, 0.4264
Android (android.graphics.Color)	4288764928 (0xFFA15C00)
YUV	102.1430, -50.3565, 51.6176
Hunter-Lab	39.0274, 16.4293, 24.3345

Details

The Yxy color **15.2314, 0.5186, 0.4264** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **6.8335, 0.1713, 0.1367**, and the grayscale version is **13.4488, 0.3127, 0.3290**.

A 20% lighter version of the original color is **35.3433, 0.4773, 0.4170**, and **4.7603, 0.5504, 0.4011** is the 20% darker color. If you saturate the color by 10%, you get **15.2290, 0.5186, 0.4264**, and if you desaturate by 10%, it is **16.5207, 0.5007, 0.4298**.

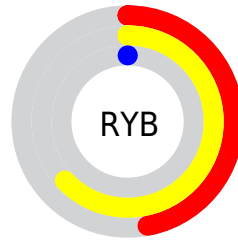
Distribution



Red (63%)

Green (36%)

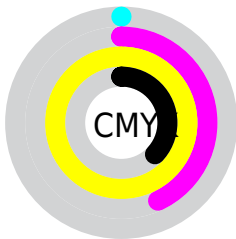
Blue (0%)



Red (47%)

Yellow (63%)

Blue (0%)

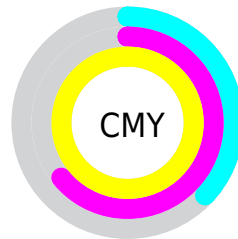


Cyan (0%)

Magenta (43%)

Yellow (100%)

Black (37%)



Cyan (37%)


Magenta (64%)


Yellow (100%)


Brightness & Saturation Gradients


These gradients show how the Yxy color 15.2314, 0.5186, 0.4264 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 15.2314, 0.5186, 0.4264 by changing the saturation by 10% instead.


 15.2314, 0.5186,
0.4264


 15.2314, 0.5186,
0.4264


 224.7626, 0.4059,
0.3853

 8.9819, 0.5457,
0.4288


 35.2586, 0.4779,
0.4165


 4.7294, 0.5760,
0.4240

 49.8052, 0.4621,
0.4109


 2.0894, 0.6011,
0.3989

 67.8862, 0.4489,
0.4056

 0.6586, 0.6518,
0.3482

 89.8861, 0.4376,
0.4007

 0.0000, 1.0000,
0.0000


 116.1893, 0.4279,
0.3962


 0.0000, 0.0000,
0.0000


 147.1802, 0.4196,

0.3922


 183.2432, 0.4123,
0.3885


 15.2314, 0.5186,
0.4264


 15.2314, 0.5186,
0.4264


 15.2290, 0.5186,
0.4264

 16.5207, 0.5007,
0.4298

 17.9509, 0.4803,
0.4291

 19.5383, 0.4575,
0.4235

 21.2912, 0.4336,
0.4139

 23.2165, 0.4096,
0.4014

■ 25.3210, 0.3867,
0.3873

■ 27.6106, 0.3653,
0.3724

■ 30.0912, 0.3458,
0.3574

■ 32.7679, 0.3283,
0.3428

Harmonies

Analogous

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



15.2314, 0.5390, 0.3487



15.2314, 0.5186, 0.4264



15.2314, 0.4426, 0.5064

Triad

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



15.2314, 0.5186, 0.4264



15.2314, 0.1626, 0.3594



15.2314, 0.2456, 0.1775

Complementary

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



15.2314, 0.5186, 0.4264



6.8335, 0.1713, 0.1367

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.



15.2314, 0.1700, 0.1648



15.2314, 0.5186, 0.4264



15.2314, 0.1293, 0.2430

Square

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



15.2314, 0.5186, 0.4264



15.2314, 0.2391, 0.4979



15.2314, 0.1329, 0.1829



15.2314, 0.3598, 0.2171

Rectangle

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



15.2314, 0.5186, 0.4264



15.2314, 0.3766, 0.5451



15.2314, 0.1329, 0.1829



15.2314, 0.2157, 0.1701

Sweetspot

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



15.2322, 0.5186, 0.4264



49.1995, 0.3665, 0.3733



8.0172, 0.5215, 0.2647



10.4284, 0.3748, 0.3792



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.



15.2322, 0.5186, 0.4264



26.8765, 0.5209, 0.4246



31.9980, 0.4078, 0.5144



7.7262, 0.3271, 0.3418



12.2455, 0.5176, 0.4272



0.3486, 0.4737, 0.4621

Inverse Universe

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



6.8335, 0.1713, 0.1367



11.8579, 0.1704, 0.1334



2.6436, 0.1524, 0.0613



7.3359, 0.2987, 0.3158



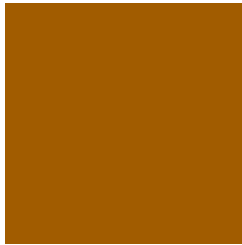
5.5333, 0.1717, 0.1382



0.2093, 0.1917, 0.2100

Previews

White Background



This preview shows how the Yxy color 15.2314, 0.5186, 0.4264 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 15.2314, 0.5186, 0.4264 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 15.2314, 0.5186, 0.4264

Background



This preview shows how black text looks on a background with the Yxy color 15.2314, 0.5186, 0.4264.



This preview shows how white text looks on a background with the Yxy color 15.2314, 0.5186, 0.4264.

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

15.2314, 0.5186, 0.4264

Protanopia

15.3919, 0.4341, 0.4835

Deuteranopia

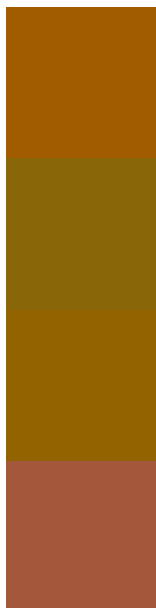
15.3039, 0.4694, 0.4655



Tritanopia

15.3208, 0.4295, 0.3199

Trichromacy



Original Color

15.2314, 0.5186, 0.4264

Protanomaly

15.0364, 0.4669, 0.4616

Deuteranomaly

15.2253, 0.4868, 0.4517

Tritanomaly

15.0817, 0.4787, 0.3725

Monochromacy



Original Color

15.2314, 0.5186, 0.4264

Achromatopsia

13.2868, 0.3127, 0.3290

Achromatomaly

13.3280, 0.4005, 0.3957

CSS Examples

Text

The CSS property to change the color of the text to Yxy 15.2314, 0.5186, 0.4264 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(161, 92, 0)` looks like.

```
.text, #text, p{  
    color:rgb(161, 92, 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(161, 92, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 92, 0) }
```

Border

The CSS property to change the border of an element to Yxy 15.2314, 0.5186, 0.4264 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(161, 92, 0) }
```

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

```
.border{ border-color:rgb(161, 92, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(161, 92, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 92, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 92, 0);  
box-shadow:4px 4px 4px 4px rgb(161, 92, 0)  
}
```


Background

The CSS property to change the background color of an element to Yxy 15.2314, 0.5186, 0.4264 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 92, 0) }
```

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

```
.background{ background-color: rgb(161, 92,  
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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