

Converting Colors

$Y_{xy}(15.3130, 0.4661, 0.3732)$

Have a look what the booklet for
Yxy(15.3130, 0.4661, 0.3732)
contains.

Yxy(15.3146, 0.4656, 0.3726)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(15.3146, 0.4656, 0.3726)

Conversions

Conversions Part 1

Format	Color
Hex	A05B3F
RGB	160, 91, 63
RGB Percent	63%, 36%, 25%
CMY	0.3725, 0.6431, 0.7529
CMYK	0.00, 0.43, 0.61, 0.37
HSL	17°, 43%, 44%
HSV	17°, 61%, 63%
XYZ	19.1371, 15.3146, 6.6503
YIQ	108.4390, 50.1120, 5.9200

Conversions

Conversions Part 2

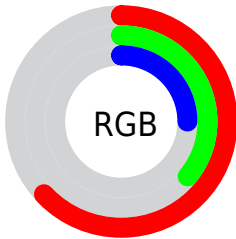
Format	Color
R_{YB}	160, 102, 63
Decimal	10509119
CIE _{Lab}	46.06, 25.55, 28.24
CIE _{LCh}	46, 38.080, 47.868
Yxy	15.3146, 0.4656, 0.3726
Android (android.graphics.Color)	4288699199 (0xFFA05B3F)
YUV	108.4390, -22.4014, 45.2190
Hunter-Lab	39.1339, 18.8051, 17.3181

Details

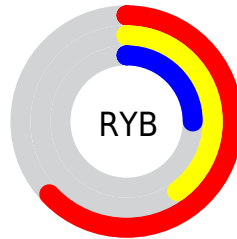
The Yxy color **15.3146, 0.4656, 0.3726** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **20.1019, 0.2280, 0.2753**, and the grayscale version is **15.1802, 0.3127, 0.3290**.

A 20% lighter version of the original color is **35.3991, 0.4294, 0.3667**, and **4.7914, 0.5295, 0.3771** is the 20% darker color. If you saturate the color by 10%, you get **13.3610, 0.5023, 0.3759**, and if you desaturate by 10%, it is **17.6171, 0.4310, 0.3668**.

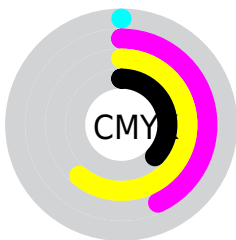
Distribution



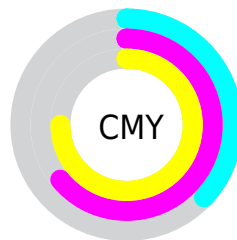
- Red (63%)
- Green (36%)
- Blue (25%)



- Red (63%)
- Yellow (40%)
- Blue (25%)



- Cyan (0%)
- Magenta (43%)
- Yellow (61%)
- Black (37%)





- Cyan (37%)
- Magenta (64%)
- Yellow (75%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 15.3146, 0.4656, 0.3726 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 15.3146, 0.4656, 0.3726 by changing the saturation by 10% instead.


 15.3146, 0.4656,
0.3726


 15.3146, 0.4656,
0.3726


225.2626, 0.3754,
0.3522


 9.0405, 0.4930,
0.3754


 35.4041, 0.4292,
0.3663


 4.7676, 0.5308,
0.3760

 49.9884, 0.4166,
0.3635


 2.1116, 0.6126,
0.3874

 68.1114, 0.4064,
0.3610

 0.6711, 0.6655,
0.3345

 90.1576, 0.3980,
0.3588

 0.0000, 1.0000,
0.0000

 116.5115, 0.3910,
0.3568

 0.0000, 0.0000,
0.0000

 147.5573, 0.3850,

0.3551

183.6796, 0.3799,
0.3536

■ 15.3146, 0.4656,
0.3726

■ 15.3146, 0.4656,
0.3726

■ 13.3610, 0.5023,
0.3759

■ 17.6171, 0.4310,
0.3668

■ 11.7359, 0.5387,
0.3757

■ 20.2826, 0.4000,
0.3597

■ 10.4204, 0.5713,
0.3711

■ 23.3272, 0.3729,
0.3519

■ 9.4425, 0.5971,
0.3641

■ 26.7655, 0.3498,
0.3441

■ 30.6111, 0.3302,
0.3365

■ 34.8771, 0.3137,
0.3294

■ 39.5758, 0.2997,
0.3229

■ 44.7191, 0.2880,
0.3168

■ 50.3185, 0.2780,
0.3113

Harmonies

Analogous

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



15.3146, 0.4402, 0.3163



15.3146, 0.4656, 0.3726



15.3146, 0.4437, 0.4273

Triad

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



15.3146, 0.4656, 0.3726



15.3146, 0.2456, 0.4051



15.3146, 0.2303, 0.2131

Complementary

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



15.3146, 0.4656, 0.3726



20.1019, 0.2280, 0.2753

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.



15.3146, 0.1914, 0.2205



15.3146, 0.4656, 0.3726



15.3146, 0.1981, 0.3226

Square

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



15.3146, 0.4656, 0.3726



15.3146, 0.3148, 0.4629



15.3146, 0.1803, 0.2563



15.3146, 0.2950, 0.2297

Rectangle

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



15.3146, 0.4656, 0.3726



15.3146, 0.4088, 0.4563



15.3146, 0.1803, 0.2563



15.3146, 0.2142, 0.2127

Sweetspot

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



15.3154, 0.4656, 0.3726



50.1165, 0.3450, 0.3423



12.7103, 0.3619, 0.2246



10.5886, 0.3508, 0.3444



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.



15.3154, 0.4656, 0.3726



23.0720, 0.5163, 0.3763



26.2965, 0.4146, 0.4427



6.9425, 0.3277, 0.3355



7.4223, 0.5954, 0.3654



0.1999, 0.5258, 0.4207

Inverse Universe

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



20.1019, 0.2280, 0.2753



32.3904, 0.2144, 0.2607



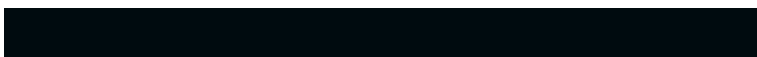
9.9392, 0.2063, 0.1772



7.1858, 0.2988, 0.3224



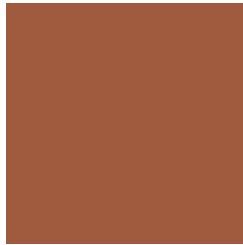
11.3994, 0.1984, 0.2343



0.2721, 0.2102, 0.2766

Previews

White Background



This preview shows how the Yxy color 15.3146, 0.4656, 0.3726 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 15.3146, 0.4656, 0.3726 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 15.3146, 0.4656, 0.3726

Background



This preview shows how black text looks on a background with the Yxy color 15.3146, 0.4656, 0.3726.



This preview shows how white text looks on a background with the Yxy color 15.3146, 0.4656, 0.3726.

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

15.3146, 0.4656, 0.3726

Protanopia

15.5160, 0.3776, 0.4100

Deuteranopia

15.4977, 0.4171, 0.4118



Tritanopia

15.2881, 0.4243, 0.3198

Trichromacy



Original Color

15.3146, 0.4656, 0.3726

Protanomaly

15.1741, 0.4100, 0.3964

Deuteranomaly

15.2909, 0.4344, 0.3971

Tritanomaly

15.1657, 0.4405, 0.3389

Monochromacy



Original Color

15.3146, 0.4656, 0.3726

Achromatopsia

14.9960, 0.3127, 0.3290

Achromatomaly

14.7875, 0.3641, 0.3489

CSS Examples

Text

The CSS property to change the color of the text to Yxy 15.3146, 0.4656, 0.3726 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(160, 91, 63)` looks like.

```
.text, #text, p{  
    color:rgb(160, 91, 63)  
}
```

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(160, 91, 63) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(160, 91, 63) }
```

Border

The CSS property to change the border of an element to Yxy 15.3146, 0.4656, 0.3726 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(160, 91, 63) }
```

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

```
.border{ border-color:rgb(160, 91, 63) }
```

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

Here you see how a box with a 4 pixel rgb(160, 91, 63) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(160, 91, 63); -webkit-box-  
shadow:4px 4px 4px 4px rgb(160, 91, 63);  
box-shadow:4px 4px 4px 4px rgb(160, 91,  
63) }
```


Background

The CSS property to change the background color of an element to Yxy 15.3146, 0.4656, 0.3726 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(160, 91, 63) }
```

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

```
.background{ background-color: rgb(160, 91,  
63) }
```

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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