

Converting Colors

$Y_{xy}(15.1343, 0.4904, 0.3914)$

Have a look what the booklet for
Yxy(15.1343, 0.4904, 0.3914)
contains.

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Color

Yxy(15.1989, 0.4904, 0.3909)

Conversions

Conversions Part 1

Format	Color
Hex	A25A2F
RGB	162, 90, 47
RGB Percent	64%, 35%, 18%
CMY	0.3647, 0.6470, 0.8158
CMYK	0.00, 0.44, 0.71, 0.36
HSL	22°, 55%, 41%
HSV	22°, 71%, 64%
XYZ	19.0676, 15.1989, 4.6153
YIQ	106.6260, 56.7150, 1.8910

Conversions

Conversions Part 2

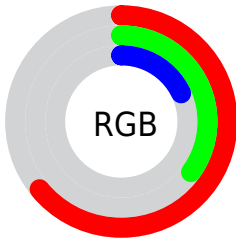
Format	Color
RYB	162, 116, 47
Decimal	10639919
CIELab	45.91, 25.87, 37.00
CIElCh	46, 45.145, 55.043
Yxy	15.1989, 0.4904, 0.3909
Android (android.graphics.Color)	4288829999 (0xFFA25A2F)
YUV	106.6260, -29.3956, 48.5630
Hunter-Lab	38.9858, 19.0779, 20.2711

Details

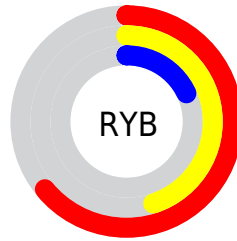
The Yxy color **15.1989, 0.4904, 0.3909** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **16.3945, 0.2123, 0.2437**, and the grayscale version is **14.6652, 0.3127, 0.3290**.

A 20% lighter version of the original color is **35.2481, 0.4496, 0.3827**, and **4.7310, 0.5583, 0.3949** is the 20% darker color. If you saturate the color by 10%, you get **13.4970, 0.5228, 0.3919**, and if you desaturate by 10%, it is **17.1842, 0.4575, 0.3859**.

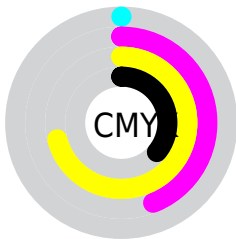
Distribution



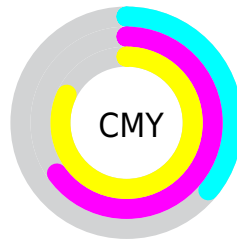
- Red (64%)
- Green (35%)
- Blue (18%)



- Red (64%)
- Yellow (45%)
- Blue (18%)



- Cyan (0%)
- Magenta (44%)
- Yellow (71%)
- Black (36%)





- Cyan (36%)
- Magenta (65%)
- Yellow (82%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 15.1989, 0.4904, 0.3909 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 15.1989, 0.4904, 0.3909 by changing the saturation by 10% instead.


 15.1989, 0.4904,
0.3909


 15.1989, 0.4904,
0.3909


224.5670, 0.3872,
0.3627

 8.9591, 0.5197,
0.3938


 35.2017, 0.4498,
0.3827


 4.7145, 0.5605,
0.3947

 49.7336, 0.4354,
0.3789

 2.0807, 0.6145,
0.3855

 67.7982, 0.4236,
0.3754

 0.6538, 0.6693,
0.3307

 89.7800, 0.4138,
0.3722

 0.0000, 1.0000,
0.0000

 116.0634, 0.4056,
0.3694

 0.0000, 0.0000,
0.0000

 147.0327, 0.3985,

0.3669

183.0725, 0.3925,
0.3647

■ 15.1989, 0.4904,
0.3909

■ 15.1989, 0.4904,
0.3909

■ 13.4970, 0.5228,
0.3919

■ 17.1842, 0.4575,
0.3859

■ 12.0611, 0.5520,
0.3881

■ 19.4642, 0.4261,
0.3782

■ 10.9768, 0.5751,
0.3815

■ 22.0523, 0.3974,
0.3689

■ 24.9603, 0.3720,
0.3589

■ 28.1994, 0.3498,
0.3488

■ 31.7800, 0.3306,
0.3391

■ 35.7123, 0.3142,
0.3299

■ 40.0057, 0.3002,
0.3213

■ 44.6697, 0.2882,
0.3134

Harmonies

Analogous

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



15.1989, 0.4764, 0.3268



15.1989, 0.4904, 0.3909



15.1989, 0.4505, 0.4538

Triad

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



15.1989, 0.4904, 0.3909



15.1989, 0.2168, 0.3968



15.1989, 0.2316, 0.1980

Complementary

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



15.1989, 0.4904, 0.3909



16.3945, 0.2123, 0.2437

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.



15.1989, 0.1806, 0.1986



15.1989, 0.4904, 0.3909



15.1989, 0.1716, 0.2975

Square

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



15.1989, 0.4904, 0.3909



15.1989, 0.2919, 0.4806



15.1989, 0.1606, 0.2294



15.1989, 0.3124, 0.2227

Rectangle

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



15.1989, 0.4904, 0.3909



15.1989, 0.4040, 0.4864



15.1989, 0.1606, 0.2294



15.1989, 0.2110, 0.1952

Sweetspot

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



15.1997, 0.4904, 0.3909



50.9550, 0.3506, 0.3492



11.0630, 0.3922, 0.2249



11.0865, 0.3561, 0.3519



82.7571, 0.3127, 0.3290



14.7319, 0.3127, 0.3290

Same Dimension

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



15.1997, 0.4904, 0.3909



22.9839, 0.5398, 0.3904



28.6455, 0.4208, 0.4674



7.5000, 0.3276, 0.3375



8.7262, 0.5736, 0.3828



0.2722, 0.5090, 0.4340

Inverse Universe

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



16.3945, 0.2123, 0.2437



25.0865, 0.1982, 0.2215



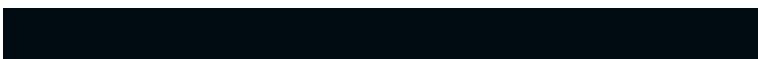
6.6911, 0.1846, 0.1310



7.5636, 0.2987, 0.3204



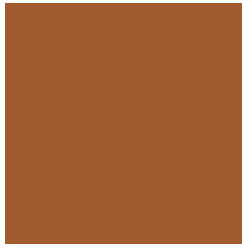
9.5309, 0.1900, 0.2041



0.2865, 0.2041, 0.2546

Previews

White Background



This preview shows how the Yxy color 15.1989, 0.4904, 0.3909 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 15.1989, 0.4904, 0.3909 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 15.1989, 0.4904, 0.3909

Background



This preview shows how black text looks on a background with the Yxy color 15.1989, 0.4904, 0.3909.



This preview shows how white text looks on a background with the Yxy color 15.1989, 0.4904, 0.3909.

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

15.1989, 0.4904, 0.3909

Protanopia

15.2593, 0.4018, 0.4381

Deuteranopia

15.3093, 0.4406, 0.4341



Tritanopia

15.1448, 0.4320, 0.3200

Trichromacy



Original Color

15.1989, 0.4904, 0.3909

Protanomaly

14.9760, 0.4344, 0.4197

Deuteranomaly

15.1253, 0.4591, 0.4184

Tritanomaly

15.1109, 0.4556, 0.3480

Monochromacy



Original Color

15.1989, 0.4904, 0.3909

Achromatopsia

14.7027, 0.3127, 0.3290

Achromatomaly

14.4753, 0.3751, 0.3608

CSS Examples

Text

The CSS property to change the color of the text to Yxy 15.1989, 0.4904, 0.3909 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(162, 90, 47)` looks like.

```
.text, #text, p{  
    color:rgb(162, 90, 47)  
}
```

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(162, 90, 47) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 90, 47) }
```

Border

The CSS property to change the border of an element to Yxy 15.1989, 0.4904, 0.3909 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(162, 90, 47) }
```

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

```
.border{ border-color:rgb(162, 90, 47) }
```

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

Here you see how a box with a 4 pixel `rgb(162, 90, 47)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 90, 47); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 90, 47);  
box-shadow:4px 4px 4px 4px rgb(162, 90,  
47) }
```


Background

The CSS property to change the background color of an element to Yxy 15.1989, 0.4904, 0.3909 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 90, 47) }
```

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

```
.background{ background-color: rgb(162, 90,  
47) }
```

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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