

Converting Colors

$Y_{xy}(15.0438, 0.4896, 0.4220)$

Have a look what the booklet for
Yxy(15.0438, 0.4896, 0.4220)
contains.

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Color

Yxy(15.0454, 0.4896, 0.4221)

Conversions

Conversions Part 1

Format	Color
Hex	995F1D
RGB	153, 95, 29
RGB Percent	60%, 37%, 11%
CMY	0.4000, 0.6274, 0.8862
CMYK	0.00, 0.38, 0.81, 0.40
HSL	32°, 68%, 36%
HSV	32°, 81%, 60%
XYZ	17.4514, 15.0454, 3.1474
YIQ	104.8180, 55.7540, -8.2300

Conversions

Conversions Part 2

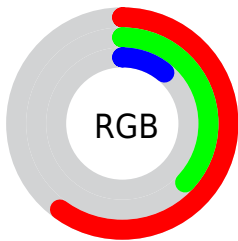
Format	Color
R_{YB}	138, 153, 29
Decimal	10051357
CIE _{Lab}	45.70, 18.25, 44.99
CIE _{LCh}	46, 48.554, 67.919
Yxy	15.0454, 0.4896, 0.4221
Android (android.graphics.Color)	4288241437 (0xFF995F1D)
YUV	104.8180, -37.3783, 42.2556
Hunter-Lab	38.7884, 12.4297, 22.3410

Details

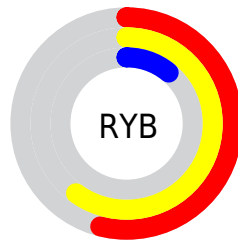
The Yxy color **15.0454, 0.4896, 0.4221** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **9.3800, 0.1915, 0.1858**, and the grayscale version is **14.1673, 0.3127, 0.3290**.

A 20% lighter version of the original color is **35.1049, 0.4520, 0.4089**, and **4.6553, 0.5333, 0.4147** is the 20% darker color. If you saturate the color by 10%, you get **13.7575, 0.5115, 0.4216**, and if you desaturate by 10%, it is **16.4909, 0.4651, 0.4177**.

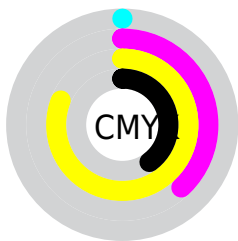
Distribution



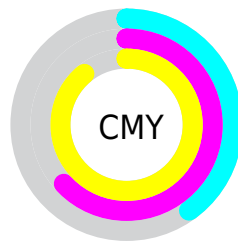
- Red (60%)
- Green (37%)
- Blue (11%)



- Red (54%)
- Yellow (60%)
- Blue (11%)



- Cyan (0%)
- Magenta (38%)
- Yellow (81%)
- Black (40%)



- Cyan (40%)
- Magenta (63%)
- Yellow (89%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 15.0454, 0.4896, 0.4221 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 15.0454, 0.4896, 0.4221 by changing the saturation by 10% instead.


 15.0454, 0.4896,
0.4221


 15.0454, 0.4896,
0.4221


223.6409, 0.3895,
0.3773


 8.8513, 0.5153,
0.4281


 34.9328, 0.4516,
0.4083


 4.6443, 0.5596,
0.4404

 49.3949, 0.4376,
0.4021

 2.0401, 0.5806,
0.4194

 67.3817, 0.4260,
0.3966

 0.6306, 0.6274,
0.3726


 89.2776, 0.4163,
0.3917


 0.0000, 0.0000,
0.0000


 115.4671, 0.4080,
0.3874

 146.3346, 0.4010,


0.3837


 182.2643, 0.3948,
0.3803

 15.0454, 0.4896,
0.4221

 15.0454, 0.4896,
0.4221

 13.7575, 0.5115,
0.4216

 16.4909, 0.4651,
0.4177

 12.7216, 0.5293,
0.4179

 18.0997, 0.4396,
0.4092

 19.8797, 0.4143,
0.3978

 21.8374, 0.3903,
0.3847

 23.9789, 0.3681,
0.3709

■ 26.3099, 0.3480,
0.3569

■ 28.8357, 0.3301,
0.3433

■ 31.5615, 0.3142,
0.3303

■ 34.4921, 0.3003,
0.3182

Harmonies

Analogous

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



15.0454, 0.5031, 0.3535



15.0454, 0.4896, 0.4221



15.0454, 0.4275, 0.4855

Triad

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



15.0454, 0.4896, 0.4221



15.0454, 0.1846, 0.3534



15.0454, 0.2591, 0.1981

Complementary

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



15.0454, 0.4896, 0.4221



9.3800, 0.1915, 0.1858

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.



15.0454, 0.1911, 0.1866



15.0454, 0.4896, 0.4221



15.0454, 0.1535, 0.2576

Square

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



15.0454, 0.4896, 0.4221



15.0454, 0.2519, 0.4621



15.0454, 0.1565, 0.2039



15.0454, 0.3558, 0.2342

Rectangle

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



15.0454, 0.4896, 0.4221



15.0454, 0.3712, 0.5107



15.0454, 0.1565, 0.2039



15.0454, 0.2327, 0.1914

Sweetspot

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



15.0462, 0.4896, 0.4221



45.6428, 0.3547, 0.3617



8.3722, 0.4524, 0.2463



9.7770, 0.3613, 0.3662



76.7769, 0.3127, 0.3290



12.5967, 0.3127, 0.3290

Same Dimension

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



15.0462, 0.4896, 0.4221



23.0041, 0.5264, 0.4177



29.4453, 0.4104, 0.4959



6.7396, 0.3271, 0.3409



10.5811, 0.5283, 0.4187



0.2310, 0.4728, 0.4628

Inverse Universe

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



9.3800, 0.1915, 0.1858



12.5630, 0.1761, 0.1518



3.4719, 0.1661, 0.0853



6.4789, 0.2989, 0.3169



5.7515, 0.1753, 0.1510



0.1579, 0.1970, 0.2290

Previews

White Background



This preview shows how the Yxy color 15.0454, 0.4896, 0.4221 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 15.0454, 0.4896, 0.4221 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 15.0454, 0.4896, 0.4221

Background



This preview shows how black text looks on a background with the Yxy color 15.0454, 0.4896, 0.4221.



This preview shows how white text looks on a background with the Yxy color 15.0454, 0.4896, 0.4221.

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

15.0454, 0.4896, 0.4221

Protanopia

15.1847, 0.4224, 0.4658

Deuteranopia

15.0890, 0.4586, 0.4510



Tritanopia

15.0389, 0.4108, 0.3193

Trichromacy



Original Color

15.0454, 0.4896, 0.4221

Protanomaly

14.9915, 0.4463, 0.4495

Deuteranomaly

15.0286, 0.4709, 0.4403

Tritanomaly

14.9057, 0.4468, 0.3620

Monochromacy



Original Color

15.0454, 0.4896, 0.4221

Achromatopsia

14.1263, 0.3127, 0.3290

Achromatomaly

13.9808, 0.3791, 0.3781

CSS Examples

Text

The CSS property to change the color of the text to Yxy 15.0454, 0.4896, 0.4221 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(153, 95, 29)` looks like.

```
.text, #text, p{  
    color:rgb(153, 95, 29)  
}
```

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(153, 95, 29) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 95, 29) }
```

Border

The CSS property to change the border of an element to Yxy 15.0454, 0.4896, 0.4221 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(153, 95, 29) }
```

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

```
.border{ border-color:rgb(153, 95, 29) }
```

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

Here you see how a box with a 4 pixel `rgb(153, 95, 29)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 95, 29); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 95, 29);  
box-shadow:4px 4px 4px 4px rgb(153, 95,  
29) }
```


Background

The CSS property to change the background color of an element to Yxy 15.0454, 0.4896, 0.4221 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 95, 29) }
```

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

```
.background{ background-color: rgb(153, 95,  
29) }
```

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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