

Converting Colors

$Y_{xy}(15.1013, 0.4883, 0.4413)$

Have a look what the booklet for
Yxy(15.1013, 0.4883, 0.4413)
contains.

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Color

Yxy(15.0603, 0.4880, 0.4413)

Conversions

Conversions Part 1

Format	Color
Hex	94620D
RGB	148, 98, 13
RGB Percent	58%, 38%, 5%
CMY	0.4196, 0.6157, 0.9487
CMYK	0.00, 0.34, 0.91, 0.42
HSL	38°, 84%, 32%
HSV	38°, 91%, 58%
XYZ	16.6540, 15.0603, 2.4128
YIQ	103.2600, 57.0850, -15.8350

Conversions

Conversions Part 2

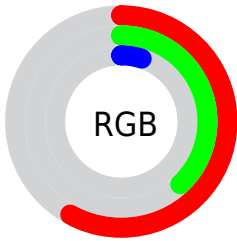
Format	Color
R _Y B	92, 148, 13
Decimal	9724429
CIE Lab	45.72, 13.77, 50.23
CIE LCh	46, 52.085, 74.672
Yxy	15.0603, 0.4880, 0.4413
Android (android.graphics.Color)	4287914509 (0xFF94620D)
YUV	103.2600, -44.4982, 39.2370
Hunter-Lab	38.8076, 8.6888, 23.4791

Details

The Yxy color **15.0603, 0.4880, 0.4413** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **5.7896, 0.1744, 0.1384**, and the grayscale version is **13.7480, 0.3127, 0.3290**.

A 20% lighter version of the original color is **35.0220, 0.4519, 0.4253**, and **4.7313, 0.5134, 0.4306** is the 20% darker color. If you saturate the color by 10%, you get **14.1513, 0.5017, 0.4399**, and if you desaturate by 10%, it is **16.1771, 0.4707, 0.4396**.

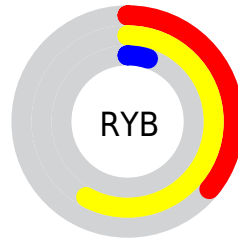
Distribution



Red (58%)

Green (38%)

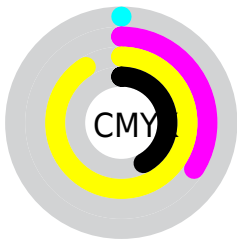
Blue (5%)



Red (36%)

Yellow (58%)

Blue (5%)

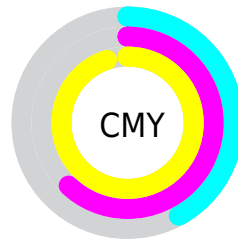


Cyan (0%)

Magenta (34%)

Yellow (91%)

Black (42%)



Cyan (42%)


Magenta (62%)

Yellow (95%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 15.0603, 0.4880, 0.4413 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 15.0603, 0.4880, 0.4413 by changing the saturation by 10% instead.


 15.0603, 0.4880,
0.4413


 15.0603, 0.4880,
0.4413


223.7309, 0.3912,
0.3867

 8.8617, 0.5108,
0.4490


 34.9589, 0.4525,
0.4244


 4.6511, 0.5425,
0.4575

 49.4278, 0.4390,
0.4168


 2.0440, 0.5590,
0.4410

 67.4221, 0.4277,
0.4101

 0.6329, 0.5980,
0.4020


 89.3264, 0.4181,
0.4042


 0.0000, 0.0000,
0.0000

 115.5251, 0.4099,
0.3990


 146.4024, 0.4028,


0.3944


 182.3429, 0.3966,
0.3903

 15.0603, 0.4880,
0.4413


 15.0603, 0.4880,
0.4413


 14.1513, 0.5017,
0.4399

 16.1771, 0.4707,
0.4396

 17.3996, 0.4508,
0.4332

 18.7345, 0.4295,
0.4227

 20.1870, 0.4077,
0.4094

 21.7616, 0.3863,
0.3942

■ 23.4626, 0.3660,
0.3781

■ 25.2941, 0.3472,
0.3619

■ 27.2597, 0.3299,
0.3459

■ 29.3631, 0.3144,
0.3307

Harmonies

Analogous

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



15.0603, 0.5181, 0.3687



15.0603, 0.4880, 0.4413



15.0603, 0.4132, 0.5064

Triad

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



15.0603, 0.4880, 0.4413



15.0603, 0.1659, 0.3276



15.0603, 0.2762, 0.1974

Complementary

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



15.0603, 0.4880, 0.4413



5.7896, 0.1744, 0.1384

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.



15.0603, 0.1969, 0.1791



15.0603, 0.4880, 0.4413



15.0603, 0.1426, 0.2353

Square

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



15.0603, 0.4880, 0.4413



15.0603, 0.2279, 0.4493



15.0603, 0.1534, 0.1893



15.0603, 0.3834, 0.2401

Rectangle

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



15.0603, 0.4880, 0.4413



15.0603, 0.3512, 0.5266



15.0603, 0.1534, 0.1893



15.0603, 0.2458, 0.1884

Sweetspot

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



15.0611, 0.4880, 0.4413



42.5385, 0.3590, 0.3722



6.9658, 0.5140, 0.2691



9.4894, 0.3649, 0.3772



74.8414, 0.3127, 0.3290



11.9280, 0.3127, 0.3290

Same Dimension

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



15.0611, 0.4880, 0.4413



24.6306, 0.5037, 0.4382



26.1370, 0.3987, 0.5153



6.3869, 0.3268, 0.3429



12.1400, 0.5010, 0.4404



0.2052, 0.4571, 0.4752

Inverse Universe

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



5.7896, 0.1744, 0.1384



8.2640, 0.1660, 0.1175



2.6871, 0.1624, 0.0728



5.9641, 0.2989, 0.3147



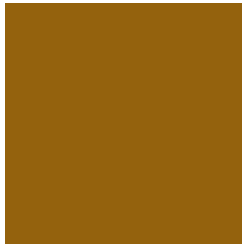
4.1970, 0.1673, 0.1221



0.1044, 0.1903, 0.2050

Previews

White Background



This preview shows how the Yxy color 15.0603, 0.4880, 0.4413 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 15.0603, 0.4880, 0.4413 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 15.0603, 0.4880, 0.4413

Background



This preview shows how black text looks on a background with the Yxy color 15.0603, 0.4880, 0.4413.



This preview shows how white text looks on a background with the Yxy color 15.0603, 0.4880, 0.4413.

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

15.0603, 0.4880, 0.4413

Protanopia

15.1887, 0.4339, 0.4797

Deuteranopia

15.1147, 0.4693, 0.4619



Tritanopia

15.0394, 0.3987, 0.3173

Trichromacy



Original Color

15.0603, 0.4880, 0.4413

Protanomaly

15.0461, 0.4535, 0.4654

Deuteranomaly

15.0757, 0.4770, 0.4536

Tritanomaly

14.9900, 0.4441, 0.3744

Monochromacy



Original Color

15.0603, 0.4880, 0.4413

Achromatopsia

13.5633, 0.3127, 0.3290

Achromatomaly

13.6715, 0.3845, 0.3932

CSS Examples

Text

The CSS property to change the color of the text to Yxy 15.0603, 0.4880, 0.4413 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(148, 98, 13)` looks like.

```
.text, #text, p{  
    color:rgb(148, 98, 13)  
}
```

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(148, 98, 13) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 98, 13) }
```

Border

The CSS property to change the border of an element to Yxy 15.0603, 0.4880, 0.4413 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(148, 98, 13) }
```

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

```
.border{ border-color:rgb(148, 98, 13) }
```

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

Here you see how a box with a 4 pixel rgb(148, 98, 13) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 98, 13); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 98, 13);  
box-shadow:4px 4px 4px 4px rgb(148, 98,  
13) }
```


Background

The CSS property to change the background color of an element to Yxy 15.0603, 0.4880, 0.4413 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 98, 13) }
```

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

```
.background{ background-color: rgb(148, 98,  
13) }
```

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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