

Converting Colors

$Y_{xy}(15.2662, 0.4744, 0.4615)$

Have a look what the booklet for
Yxy(15.2662, 0.4744, 0.4615)
contains.

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Color

Yxy(15.2759, 0.4738, 0.4620)

Conversions

Conversions Part 1

Format	Color
Hex	8C6700
RGB	140, 103, 0
RGB Percent	55%, 40%, 0%
CMY	0.4510, 0.5961, 1.0000
CMYK	0.00, 0.26, 1.00, 0.45
HSL	44°, 100%, 27%
HSV	44°, 100%, 55%
XYZ	15.6661, 15.2759, 2.1228
YIQ	102.3210, 55.1150, -24.1890

Conversions

Conversions Part 2

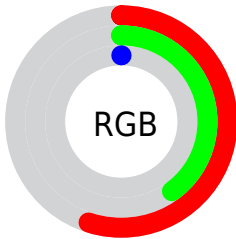
Format	Color
R_{YB}	50, 140, 0
Decimal	9201408
CIE Lab	46.01, 6.86, 53.09
CIE LCh	46, 53.527, 82.637
Yxy	15.2759, 0.4738, 0.4620
Android (android.graphics.Color)	4287391488 (0xFF8C6700)
YUV	102.3210, -50.4443, 33.0445
Hunter-Lab	39.0844, 3.1498, 24.1389

Details

The Yxy color **15.2759, 0.4738, 0.4620** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **3.2171, 0.1598, 0.0953**, and the grayscale version is **13.5002, 0.3127, 0.3290**.

A 20% lighter version of the original color is **35.4539, 0.4432, 0.4403**, and **4.7596, 0.4884, 0.4504** is the 20% darker color. If you saturate the color by 10%, you get **15.2765, 0.4738, 0.4620**, and if you desaturate by 10%, it is **16.0609, 0.4626, 0.4609**.

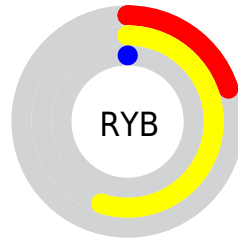
Distribution



Red (55%)

Green (40%)

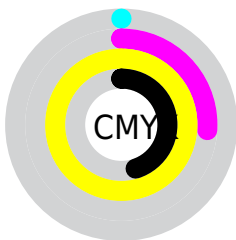
Blue (0%)



Red (20%)

Yellow (55%)

Blue (0%)

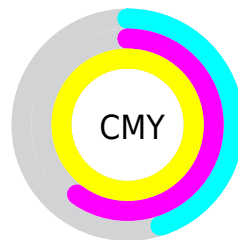


Cyan (0%)

Magenta (26%)

Yellow (100%)

Black (45%)



Cyan (45%)


Magenta (60%)


Yellow (100%)


Brightness & Saturation Gradients


These gradients show how the Yxy color 15.2759, 0.4738, 0.4620 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 15.2759, 0.4738, 0.4620 by changing the saturation by 10% instead.


 15.2759, 0.4738,
0.4620


 15.2759, 0.4738,
0.4620


 225.0301, 0.3872,
0.3948


 9.0132, 0.4930,
0.4739


 35.3365, 0.4431,
0.4401


 4.7498, 0.5152,
0.4848

 49.9032, 0.4311,
0.4308


 2.1012, 0.5237,
0.4763

 68.0067, 0.4208,
0.4226

 0.6653, 0.5459,
0.4541

 90.0314, 0.4120,
0.4155


 0.0000, 0.0000,
0.0000


 116.3617, 0.4045,
0.4093


 147.3820, 0.3979,

0.4039


 183.4767, 0.3922,
0.3991

 15.2759, 0.4738,
0.4620


 15.2759, 0.4738,
0.4620


 15.2765, 0.4738,
0.4620

 16.0609, 0.4626,
0.4609

 16.8986, 0.4495,
0.4564

 17.8008, 0.4340,
0.4475

 18.7719, 0.4166,
0.4348

 19.8155, 0.3982,
0.4193

■ 20.9349, 0.3796,
0.4018

■ 22.1330, 0.3614,
0.3834

■ 23.4128, 0.3440,
0.3648

■ 24.7767, 0.3277,
0.3466

Harmonies

Analogous

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



15.2759, 0.5200, 0.3878



15.2759, 0.4738, 0.4620



15.2759, 0.3898, 0.5217

Triad

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



15.2759, 0.4738, 0.4620



15.2759, 0.1531, 0.2974



15.2759, 0.3025, 0.2043

Complementary

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



15.2759, 0.4738, 0.4620



3.2171, 0.1598, 0.0953

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.



15.2759, 0.2124, 0.1789



15.2759, 0.4738, 0.4620



15.2759, 0.1395, 0.2165

Square

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



15.2759, 0.4738, 0.4620



15.2759, 0.2054, 0.4199



15.2759, 0.1590, 0.1809



15.2759, 0.4145, 0.2532

Rectangle

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



15.2759, 0.4738, 0.4620



15.2759, 0.3251, 0.5296



15.2759, 0.1590, 0.1809



15.2759, 0.2687, 0.1930

Sweetspot

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



15.2767, 0.4738, 0.4620



38.8808, 0.3625, 0.3846



5.7116, 0.5822, 0.2981



8.7747, 0.3692, 0.3915



71.0566, 0.3127, 0.3290



10.6539, 0.3127, 0.3290

Same Dimension

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



15.2767, 0.4738, 0.4620



26.6591, 0.4752, 0.4609



21.9043, 0.3795, 0.5369



5.6251, 0.3264, 0.3450



13.6061, 0.4735, 0.4623



0.1144, 0.4440, 0.4856

Inverse Universe

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



3.2171, 0.1598, 0.0953



5.4401, 0.1589, 0.0920



2.2115, 0.1645, 0.0680



5.0934, 0.2991, 0.3125



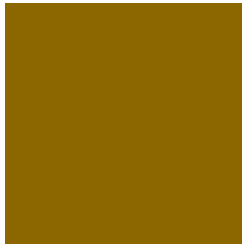
2.8872, 0.1600, 0.0961



0.0404, 0.1811, 0.1721

Previews

White Background



This preview shows how the Yxy color 15.2759, 0.4738, 0.4620 looks on a white background.

Color Contrast Check

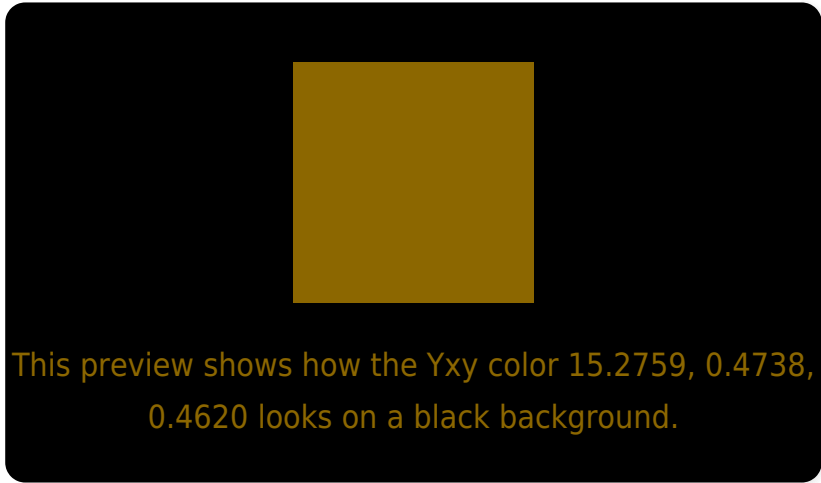
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



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 15.2759, 0.4738, 0.4620

Background



This preview shows how black text looks on a background with the Yxy color 15.2759, 0.4738, 0.4620.



This preview shows how white text looks on a background with the Yxy color 15.2759, 0.4738, 0.4620.

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

15.2759, 0.4738, 0.4620

Protanopia

15.3803, 0.4358, 0.4861

Tritanopia

15.3648, 0.3774, 0.3168

Trichromacy



Original Color

15.2759, 0.4738, 0.4620

Protanomaly

15.1935, 0.4502, 0.4770

Tritanomaly

15.1567, 0.4287, 0.3874

Monochromacy



Original Color

15.2759, 0.4738, 0.4620

Achromatopsia

13.2868, 0.3127, 0.3290

Achromatomaly

13.5974, 0.3859, 0.4065

CSS Examples

Text

The CSS property to change the color of the text to Yxy 15.2759, 0.4738, 0.4620 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(140, 103, 0)` looks like.

```
.text, #text, p{  
    color:rgb(140, 103, 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(140, 103, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 103, 0) }
```

Border

The CSS property to change the border of an element to Yxy 15.2759, 0.4738, 0.4620 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(140, 103, 0) }
```

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

```
.border{ border-color:rgb(140, 103, 0) }
```

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

Here you see how a box with a 4 pixel rgb(140, 103, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 103, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 103, 0);  
box-shadow:4px 4px 4px 4px rgb(140, 103,  
0) }
```

Background

The CSS property to change the background color of an element to Yxy 15.2759, 0.4738, 0.4620 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 103, 0) }
```

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

```
.background{ background-color: rgb(140,  
103, 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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