

Converting Colors

YUV(163.4670, -15.0202,
10.9914)

Have a look what the booklet for
YUV(163.4670, -15.0202, 10.9914)
contains.

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Color

**YUV(163.4670, -15.0202,
10.9914)**

Conversions

Conversions Part 1

Format	Color
Hex	B0A385
RGB	176, 163, 133
RGB Percent	69%, 64%, 52%
CMY	0.3098, 0.3608, 0.4784
CMYK	0.00, 0.07, 0.24, 0.31
HSL	42°, 21%, 61%
HSV	42°, 24%, 69%
XYZ	35.2353, 37.1179, 27.4977
YIQ	163.4670, 17.3780, -6.5740

Conversions

Conversions Part 2

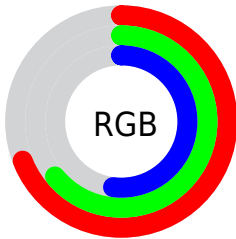
Format	Color
RYB	152, 176, 133
Decimal	11576197
CIELab	67.37, -0.15, 17.32
CIELCh	67, 17.316, 90.496
Yxy	37.1179, 0.3529, 0.3717
Android (android.graphics.Color)	4289766277 (0xFFB0A385)
YUV	163.4670, -15.0202, 10.9914
Hunter-Lab	60.9245, -3.3834, 15.8872

Details

The YUV color $163.4670, -15.0202, 10.9914$ is a light color, and the websafe version is hex 999966 . A complement of this color would be $145.5330, 15.0202, -10.9914$, and the grayscale version is $164.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $218.5380, -16.0412, 11.8062$, and $111.3960, -13.9992, 10.1767$ is the 20% darker color. If you saturate the color by 10%, you get $158.4800, -21.4356, 15.3650$, and if you desaturate by 10%, it is $168.4540, -8.6048, 6.6178$.

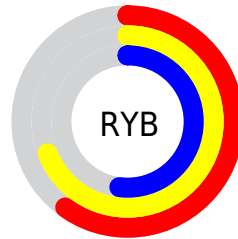
Distribution



Red (69%)

Green (64%)

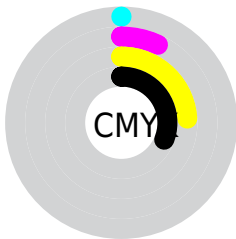
Blue (52%)



Red (60%)

Yellow (69%)

Blue (52%)

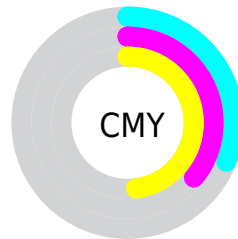


Cyan (0%)

Magenta (7%)

Yellow (24%)

Black (31%)



Cyan (31%)

Magenta (36%)

Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the YUV color 163.4670, -15.0202, 10.9914 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 YUV color 163.4670, -15.0202, 10.9914 by changing the saturation by 10% instead.

■ 163.4670,
-15.0202, 10.9914

■ 163.4670,
-15.0202, 10.9914

■ 255.0000, 0.0000,
0.0000

■ 137.2820,
-14.4360, 10.2767

■ 218.5380,
-16.0412, 11.8062

■ 111.3960,
-13.9992, 10.1767

■ 245.0430,
-15.3042, 8.7323

■ 87.2110, -13.4150,
9.4620

■ 253.5180, -5.6784,
1.2997

■ 63.7270, -12.6834,
8.1324

■ 41.5420, -12.0992,
7.4177

■ 21.5850, -10.6414,
6.5030

■ 0.0000, 0.0000,

0.0000

■ 163.4670,
-15.0202, 10.9914

■ 163.4670,
-15.0202, 10.9914

■ 158.4800,
-21.4356, 15.3650

■ 168.4540, -8.6048,
6.6178

■ 153.0200,
-27.1249, 20.1535

■ 173.9140, -2.9156,
1.8294

■ 148.0330,
-33.5403, 24.5271

■ 178.9010, 3.4998,
-2.5442

■ 143.1600,
-39.5189, 28.8007

■ 183.7740, 9.4784,
-6.8178

■ 137.5860,
-45.6449, 33.6891

■ 189.3480, 15.6044,
-11.7062

■ 132.5990,
-52.0603, 38.0627

■ 194.3350, 22.0198,
-16.0798

■ 127.7260,
-58.0389, 42.3363

■ 199.0940, 27.5617,
-20.2534

■ 124.8250,
-61.5387, 44.8805

■ 202.6160, 25.8253,
-23.3422

■ 205.5510, 24.3784,
-25.9162

Harmonies

Analogous

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



164.8750, -13.7424, 21.1576



163.4670, -15.0202, 10.9914



161.7750, -12.2141, -2.4337

Triad

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



163.4670, -15.0202, 10.9914



158.4350, 10.1385, -31.9535



166.8200, 6.4977, 15.9439

Complementary

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



163.4670, -15.0202, 10.9914



145.5330, 15.0202, -10.9914

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.



165.6270, 12.5089, 1.2041



163.4670, -15.0202, 10.9914



160.4340, 15.0690, -26.6906

Square

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



163.4670, -15.0202, 10.9914



158.2200, 2.8495, -27.3799



163.0380, 15.7573, -14.0653



166.8120, -1.3863, 24.7209

Rectangle

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



163.4670, -15.0202, 10.9914



160.1590, -7.9664, -11.5404



163.0380, 15.7573, -14.0653



166.6560, 8.5506, 10.8257

Sweetspot

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



163.4670, -15.0202, 10.9914



225.1270, -5.9786, 4.2736



147.4530, -0.2233, 25.0357



112.2130, -3.0630, 2.4442



242.0000, 0.0000, 0.0000



115.0000, 0.0000, 0.0000

Same Dimension

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



163.4670, -15.0202, 10.9914



210.0350, -23.1883, 17.5093



168.7060, -17.6031, -0.6192



86.8000, -3.3524, 1.9294



108.5560, -53.5181, 38.9774



18.3400, -9.0416, 6.7178

Inverse Universe

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



145.5330, 15.0202, -10.9914



182.3780, 23.4776, -16.9945



140.2940, 17.6031, 0.6192



82.7870, 3.0630, -2.4442



44.4440, 53.5181, -38.9774



7.6600, 9.0416, -6.7178

Previews

White Background



This preview shows how the YUV color 163.4670, -15.0202, 10.9914 looks on a white background.

Color Contrast Check

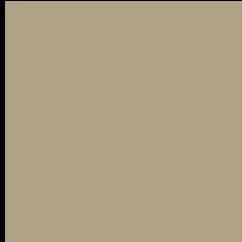
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YUV color 163.4670, -15.0202, 10.9914 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

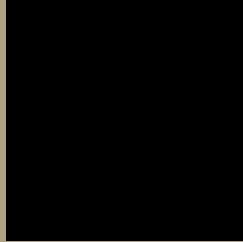
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 163.4670, -15.0202, 10.9914

Background



This preview shows how black text looks on a background with the YUV color 163.4670, -15.0202, 10.9914.

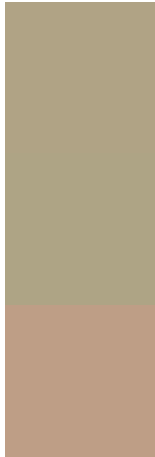


This preview shows how white text looks on a background with the YUV color 163.4670, -15.0202, 10.9914.

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

163.4670, -15.0202, 10.9914

Protanopia

163.4560, -15.0148, 9.2471

Deuteranopia

164.8320, -15.2002, 22.0723



Tritanopia

166.2450, 1.8512, 12.9401

Trichromacy



Original Color

163.4670, -15.0202, 10.9914

Protanomaly

163.7550, -15.1622, 9.8619

Deuteranomaly

164.5110, -15.0419, 17.9689

Tritanomaly

165.3390, -4.1111, 11.9807

Monochromacy



Original Color

163.4670, -15.0202, 10.9914

Achromatopsia

163.0000, 0.0000, 0.0000

Achromatomaly

163.2410, -5.5418, 4.1736

CSS Examples

Text

The CSS property to change the color of the text to YUV 163.4670, -15.0202, 10.9914 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(176, 163, 133)` looks like.

```
.text, #text, p{  
    color:rgb(176, 163, 133)  
}
```

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(176, 163, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 163, 133) }
```

Border

The CSS property to change the border of an element to YUV 163.4670, -15.0202, 10.9914 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(176, 163, 133) }
```


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

```
.border{ border-color:rgb(176, 163, 133) }
```

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

Here you see how a box with a 4 pixel `rgb(176, 163, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 163, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 163, 133);  
box-shadow:4px 4px 4px 4px rgb(176, 163,  
133) }
```

Background

The CSS property to change the background color of an element to YUV 163.4670, -15.0202, 10.9914 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 163, 133) }
```

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

```
.background{ background-color: rgb(176,  
163, 133) }
```

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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