

Converting Colors

YUV(165.3730, 4.2531,
-10.8511)

Have a look what the booklet for
YUV(165.3730, 4.2531, -10.8511)
contains.

YUV(165.3730, 4.2531, -10.8511)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(165.3730, 4.2531,
-10.8511)**

Conversions

Conversions Part 1

Format	Color
Hex	99AAAE
RGB	153, 170, 174
RGB Percent	60%, 67%, 68%
CMY	0.4000, 0.3333, 0.3176
CMYK	0.12, 0.02, 0.00, 0.32
HSL	191°, 11%, 64%
HSV	191°, 12%, 68%
XYZ	35.1516, 38.5777, 45.6380
YIQ	165.3730, -11.4160, -2.3600

Conversions

Conversions Part 2

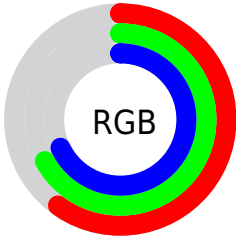
Format	Color
RYB	153, 162, 174
Decimal	10070702
CIELab	68.44, -5.09, -4.08
CIElCh	68, 6.521, 218.758
Yxy	38.5777, 0.2945, 0.3232
Android (android.graphics.Color)	4288260782 (0xFF99AAAE)
YUV	165.3730, 4.2531, -10.8511
Hunter-Lab	62.1110, -7.6725, -0.0875

Details

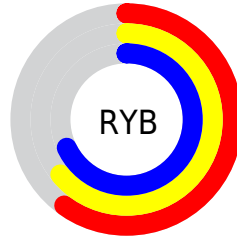
The YUV color **165.3730, 4.2531, -10.8511** is a light color, and the websafe version is hex **999999**. A complement of this color would be **161.6270, -4.2531, 10.8511**, and the grayscale version is **165.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **220.0740, 4.4005, -11.4659**, and **113.6720, 4.1057, -10.2363** is the 20% darker color. If you saturate the color by 10%, you get **158.5290, 7.6272, -19.7579**, and if you desaturate by 10%, it is **172.2170, 0.8790, -1.9443**.

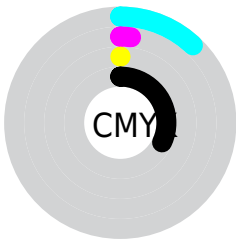
Distribution



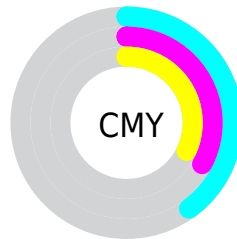
- Red (60%)
- Green (67%)
- Blue (68%)



- Red (60%)
- Yellow (64%)
- Blue (68%)



- Cyan (12%)
- Magenta (2%)
- Yellow (0%)
- Black (32%)



- Cyan (40%)
- Magenta (33%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the YUV color 165.3730, 4.2531, -10.8511 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 165.3730, 4.2531, -10.8511 by changing the saturation by 10% instead.

■ 165.3730, 4.2531,
-10.8511

■ 165.3730, 4.2531,
-10.8511

■ 255.0000, 0.0000,
0.0000

■ 139.2590, 3.8163,
-10.7511

■ 220.0740, 4.4005,
-11.4659

■ 113.6720, 4.1057,
-10.2363

■ 248.7320, 3.0901,
-11.1660

■ 88.9710, 3.9583,
-9.6216

■ 65.8570, 3.5215,
-9.5216

■ 43.2700, 3.8109,
-9.0068

■ 22.8570, 3.5215,
-9.5216

■ 0.3420, 1.3104,

-0.2999

■ 0.0000, 0.0000,
0.0000

■ 165.3730, 4.2531,
-10.8511

■ 165.3730, 4.2531,
-10.8511

■ 158.5290, 7.6272,
-19.7579

■ 172.2170, 0.8790,
-1.9443

■ 150.7990, 11.4381,
-28.7647

■ 179.9470, -2.9319,
7.0625

■ 143.9550, 14.8122,
-37.6715

■ 186.7910, -6.3060,
15.9693

■ 136.8120, 18.3337,
-47.1931

■ 193.9340, -9.8275,
25.4909

■ 129.3810, 21.9972,
-55.5851

■ 201.3650,
-13.4909, 33.8829

■ 122.5370, 25.3713,
-64.4919

■ 207.6110,
-16.5702, 41.5602

■ 115.3940, 28.8928,
-74.0135

■ 209.3720,
-17.4384, 40.0158

■ 107.9630, 32.5562,
-82.4056

■ 211.7200,
-18.5960, 37.9566

■ 102.6030, 35.1987,
-89.9828

■ 213.4810,
-19.4641, 36.4122

Harmonies

Analogous

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



165.2760, 1.3429, -10.7661



165.3730, 4.2531, -10.8511



166.4380, 5.7001, -8.2771

Triad

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



165.3730, 4.2531, -10.8511



167.7990, 1.5781, 7.1923



166.5290, -5.6838, 3.0441

Complementary

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



165.3730, 4.2531, -10.8511



161.6270, -4.2531, 10.8511

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.



167.2630, -5.5527, 7.6623



165.3730, 4.2531, -10.8511



168.3110, -1.6323, 10.2513

Square

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



165.3730, 4.2531, -10.8511



167.7490, 4.0677, 1.9741



168.0290, -3.9583, 9.6216



165.9520, -3.9203, -2.5889

Rectangle

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



165.3730, 4.2531, -10.8511



166.5740, 6.1260, -4.8884



168.0290, -3.9583, 9.6216



166.5400, -5.6892, 4.7884

Sweetspot

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



165.3730, 4.2531, -10.8511



223.1350, 1.9054, -4.5034



165.7830, -4.3300, -11.2107



112.6190, 1.1738, -3.1739



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.



165.3730, 4.2531, -10.8511



213.9100, 6.4534, -16.5841



159.5030, 7.1470, -5.7031



83.1350, 1.9054, -4.5034



88.7140, 30.2140, -77.8022



13.7750, 4.5479, -12.0807

Inverse Universe

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



161.2170, 4.3300, 11.2107



207.5320, 6.6397, 17.0734



167.4970, -7.1470, 5.7031



81.4890, 1.7309, 4.8331



58.7580, 31.1783, 80.0192



9.0430, 4.9088, 12.2403

Previews

White Background



This preview shows how the YUV color 165.3730, 4.2531, -10.8511 looks on a white background.

Color Contrast Check

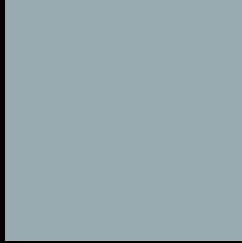
Large Text (above 18pt) WCAG AA × Fail

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 165.3730, 4.2531, -10.8511 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

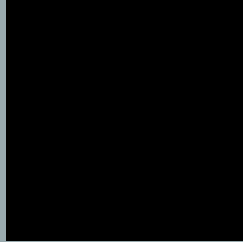
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

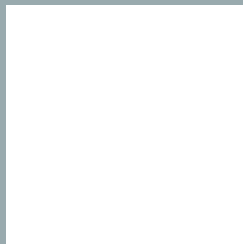
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 165.3730, 4.2531, -10.8511

Background



This preview shows how black text looks on a background with the YUV color 165.3730, 4.2531, -10.8511.



This preview shows how white text looks on a background with the YUV color 165.3730, 4.2531, -10.8511.

-10.8511.

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

165.3730, 4.2531, -10.8511

Protanopia

167.1680, 1.8892, 0.7297

Deuteranopia

168.6790, 3.6093, 9.0515



Tritanopia

165.9970, 7.8895, -10.5214

Trichromacy



Original Color

165.3730, 4.2531, -10.8511

Protanomaly

166.3740, 2.7736, -2.9590

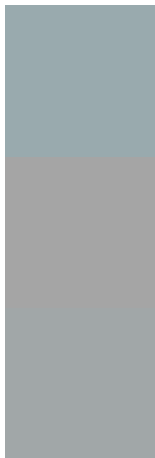
Deuteranomaly

167.6350, 3.6309, 2.0741

Tritanomaly

165.6550, 6.5791, -10.2214

Monochromacy



Original Color

165.3730, 4.2531, -10.8511

Achromatopsia

165.0000, 0.0000, 0.0000

Achromatomaly

165.3200, 1.3212, -3.7886

CSS Examples

Text

The CSS property to change the color of the text to YUV 165.3730, 4.2531, -10.8511 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, 170, 174)` looks like.

```
.text, #text, p{  
    color:rgb(153, 170, 174)  
}
```

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, 170, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 170, 174) }
```

Border

The CSS property to change the border of an element to YUV 165.3730, 4.2531, -10.8511 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, 170, 174) }
```


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

```
.border{ border-color:rgb(153, 170, 174) }
```

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

Here you see how a box with a 4 pixel rgb(153, 170, 174) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 170, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 170, 174);  
box-shadow:4px 4px 4px 4px rgb(153, 170,  
174) }
```

Background

The CSS property to change the background color of an element to YUV 165.3730, 4.2531, -10.8511 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 170, 174) }
```

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

```
.background{ background-color: rgb(153,  
170, 174) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor