

Converting Colors

YUV(122.1910, -60.2402,
1.5865)

Have a look what the booklet for
YUV(122.1910, -60.2402, 1.5865)
contains.

YUV(122.1910, -60.2402, 1.5865)	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>	30

Color

**YUV(122.1910, -60.2402,
1.5865)**

Conversions

Conversions Part 1

Format	Color
Hex	7C9100
RGB	124, 145, 0
RGB Percent	49%, 57%, 0%
CMY	0.5137, 0.4314, 1.0000
CMYK	0.14, 0.00, 1.00, 0.43
HSL	69°, 100%, 28%
HSV	69°, 100%, 57%
XYZ	18.4376, 24.5359, 3.7641
YIQ	122.1910, 34.0290, -49.5470

Conversions

Conversions Part 2

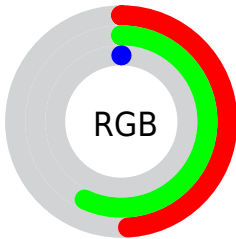
Format	Color
RYB	0, 145, 21
Decimal	8163584
CIELab	56.62, -23.58, 60.05
CIElCh	57, 64.518, 111.436
Yxy	24.5359, 0.3945, 0.5250
Android (android.graphics.Color)	4286353664 (0xFF7C9100)
YUV	122.1910, -60.2402, 1.5865
Hunter-Lab	49.5337, -20.2422, 30.1681

Details

The YUV color **122.1910, -60.2402, 1.5865** is a dark color, and the websafe version is hex **999900**. A complement of this color would be **22.8090, 60.2402, -1.5865**, and the grayscale version is **123.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **178.6130, -53.5462, 1.2164**, and **76.9940, -37.9580, -5.2567** is the 20% darker color. If you saturate the color by 10%, you get **122.1910, -60.2402, 1.5865**, and if you desaturate by 10%, it is **124.3850, -54.4198, 1.4164**.

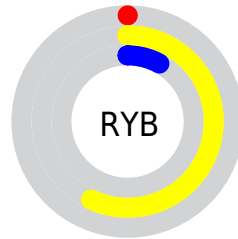
Distribution



Red (49%)

Green (57%)

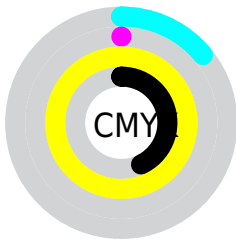
Blue (0%)



Red (0%)

Yellow (57%)

Blue (8%)

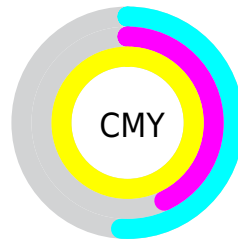


Cyan (14%)

Magenta (0%)

Yellow (100%)

Black (43%)



Cyan (51%)

Magenta (43%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the YUV color 122.1910, -60.2402, 1.5865 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 122.1910, -60.2402, 1.5865 by changing the saturation by 10% instead.

■ 122.1910,
-60.2402, 1.5865

■ 122.1910,
-60.2402, 1.5865

■ 255.0000, 0.0000,
0.0000

■ 98.8560, -48.7360,
-1.6277

■ 178.6130,
-53.5462, 1.2164

■ 76.9940, -37.9580,
-5.2567

■ 206.7980,
-54.1304, 1.9312

■ 54.8330, -27.0327,
-9.5005

■ 234.9830,
-54.7146, 2.6459

■ 32.9600, -16.2493,
-14.8739

■ 243.2580,
-44.9902, 10.2977


■ 17.0230, -8.3923,
-14.9292


■ 246.4500,
-32.7599, 7.4983


■ 0.0000, 0.0000,
0.0000


■ 249.6420,


-20.5295, 4.6990


 252.9480, -7.8624,
1.7996


 122.1910,
-60.2402, 1.5865

 124.3850,
-54.4198, 1.4164

 126.6930,
-48.1626, 1.1462

 129.0010,
-41.9055, 0.8761

 131.1950,
-36.0851, 0.7060

 133.8020,
-29.9754, 1.0506

■ 135.9960,
-24.1550, 0.8805

■ 138.3040,
-17.8979, 0.6104

■ 140.4980,
-12.0775, 0.4403

■ 142.8060, -5.8204,
0.1701

Harmonies

Analogous

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



127.7600, -62.9857, 42.3065



122.1910, -60.2402, 1.5865



112.2800, -25.2810, -58.1276

Triad

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



122.1910, -60.2402, 1.5865



118.1680, 51.6822, -103.6333



132.6880, 10.5068, 83.5886

Complementary

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



122.1910, -60.2402, 1.5865



22.8090, 60.2402, -1.5865

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.



139.3850, 33.3342, 41.7584



122.1910, -60.2402, 1.5865



114.4470, 65.3486, -100.3700

Square

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



122.1910, -60.2402, 1.5865



115.0440, 29.5583, -100.8936



132.8090, 53.3382, -27.8965



129.5710, -15.5645, 92.4612

Rectangle

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



122.1910, -60.2402, 1.5865



104.5050, -3.2070, -91.6509



132.8090, 53.3382, -27.8965



134.7990, 18.8331, 72.9673

Sweetspot

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



122.1910, -60.2402, 1.5865



180.1100, -23.7182, 0.7805



54.5080, -26.8724, 79.3615



88.6290, -14.1141, 0.3254



222.0000, 0.0000, 0.0000



94.0000, 0.0000, 0.0000

Same Dimension

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



122.1910, -60.2402, 1.5865



159.0820, -78.4274, 1.6821



100.9620, -49.7743, -42.0627



69.9030, -2.9102, 0.0851



113.9290, -56.1670, 1.8163



6.7890, -3.3470, 0.1850

Inverse Universe

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



22.8090, 60.2402, -1.5865



29.6190, 78.5748, -2.2969



44.0380, 49.7743, 42.0627



65.0970, 2.9102, -0.0851



21.3700, 56.0196, -1.2015



1.2110, 3.3470, -0.1850

Previews

White Background



This preview shows how the YUV color 122.1910, -60.2402, 1.5865 looks on a white 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

Black Background



This preview shows how the YUV color 122.1910, -60.2402, 1.5865 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

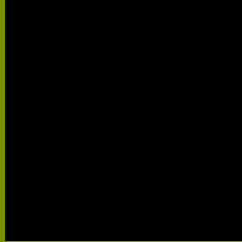
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 122.1910, -60.2402, 1.5865

Background



This preview shows how black text looks on a background with the YUV color 122.1910, -60.2402, 1.5865.



This preview shows how white text looks on a background with the YUV color 122.1910, -60.2402, 1.5865.

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



Protanopia

125.5790, -61.9104, 24.0482

Deuteranopia

129.7020, -51.6181, 36.2183

Tritanopia

136.1400, 4.3680, -0.9998

Trichromacy



Protanomaly

124.0510, -61.1571, 15.7413

Deuteranomaly

127.1150, -54.7797, 23.5781

Tritanomaly

131.2500, -19.3502, -0.2193

Monochromacy



Achromatopsia

122.0000, 0.0000, 0.0000

Achromatomaly

121.9790, -21.6816, 0.8954

CSS Examples

Text

The CSS property to change the color of the text to YUV 122.1910, -60.2402, 1.5865 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(124, 145, 0)` looks like.

```
.text, #text, p{  
    color:rgb(124, 145, 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(124, 145, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 145, 0) }
```

Border

The CSS property to change the border of an element to YUV 122.1910, -60.2402, 1.5865 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(124, 145, 0) }
```

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

```
.border{ border-color:rgb(124, 145, 0) }
```

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

Here you see how a box with a 4 pixel rgb(124, 145, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(124, 145, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(124, 145, 0);  
box-shadow:4px 4px 4px 4px rgb(124, 145,  
0) }
```


Background

The CSS property to change the background color of an element to YUV 122.1910, -60.2402, 1.5865 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(124, 145, 0) }
```

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

```
.background{ background-color: rgb(124,  
145, 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](#).

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