

Converting Colors

YUV(142.7450, -70.3733,
31.7956)

Have a look what the booklet for
YUV(142.7450, -70.3733, 31.7956)
contains.

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Color

**YUV(142.7450, -70.3733,
31.7956)**

Conversions

Conversions Part 1

Format	Color
Hex	B39800
RGB	179, 152, 0
RGB Percent	70%, 60%, 0%
CMY	0.2980, 0.4039, 1.0000
CMYK	0.00, 0.15, 1.00, 0.30
HSL	51°, 100%, 35%
HSV	51°, 100%, 70%
XYZ	29.8186, 32.0402, 4.6128
YIQ	142.7450, 64.8840, -41.5480

Conversions

Conversions Part 2

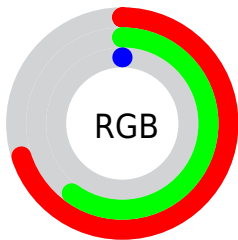
Format	Color
R _Y B	32, 179, 0
Decimal	11769856
CIE Lab	63.38, -2.39, 67.13
CIE LCh	63, 67.177, 92.042
Yxy	32.0402, 0.4486, 0.4820
Android (android.graphics.Color)	4289959936 (0xFFB39800)
YUV	142.7450, -70.3733, 31.7956
Hunter-Lab	56.6040, -5.0244, 34.7912

Details

The YUV color **142.7450, -70.3733, 31.7956** is a dark color, and the websafe version is hex **CC9900**. A complement of this color would be **36.2550, 70.3733, -31.7956**, and the grayscale version is **143.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **200.7050, -62.9586, 33.5847**, and **96.0530, -47.3541, 21.8785** is the 20% darker color. If you saturate the color by 10%, you get **142.7450, -70.3733, 31.7956**, and if you desaturate by 10%, it is **146.5580, -63.3791, 28.4516**.

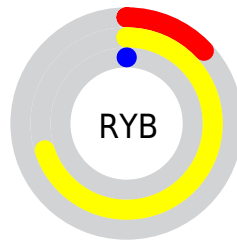
Distribution



Red (70%)

Green (60%)

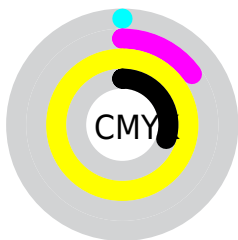
Blue (0%)



Red (13%)

Yellow (70%)

Blue (0%)

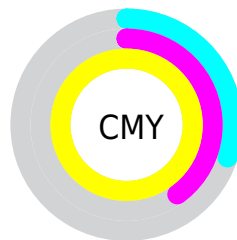


Cyan (0%)

Magenta (15%)

Yellow (100%)

Black (30%)



Cyan (30%)

Magenta (40%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the YUV color 142.7450, -70.3733, 31.7956 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 142.7450, -70.3733, 31.7956 by changing the saturation by 10% instead.

■ 142.7450,
-70.3733, 31.7956

■ 142.7450,
-70.3733, 31.7956

■ 255.0000, 0.0000,
0.0000

■ 118.8120,
-58.5743, 27.3519

■ 200.7050,
-62.9586, 33.5847

■ 96.0530, -47.3541,
21.8785

■ 225.1170,
-61.1897, 26.2074

■ 73.8920, -36.4288,
17.6347

■ 240.6360,
-55.0365, 12.5972

■ 52.3180, -25.7928,
12.8761

■ 243.8280,
-42.8062, 9.7978

■ 32.2170, -15.8830,
7.7027

■ 247.0200,
-30.5759, 6.9985

■ 11.5180, -5.6784,
1.2997

■ 250.3260,

■ 0.0000, 0.0000,

-17.9087, 4.0991

0.0000

■ 253.6320, -5.2416,
1.1997

■ 142.7450,
-70.3733, 31.7956

■ 146.5580,
-63.3791, 28.4516

■ 149.7840,
-56.0955, 25.6224

■ 153.5970,
-49.1013, 22.2784

■ 157.4100,
-42.1071, 18.9344

■ 160.6360,
-34.8235, 16.1052

■ 164.3350,
-28.2662, 12.8612

■ 168.1480,
-21.2720, 9.5172

■ 171.9610,
-14.2778, 6.1732

■ 175.1870, -6.9942,
3.3440

Harmonies

Analogous

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



148.1990, -51.8631, 68.2315



142.7450, -70.3733, 31.7956



138.3440, -48.9766, -17.8417

Triad

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



142.7450, -70.3733, 31.7956



130.1700, 41.8212, -114.1591



155.6220, 27.3014, 63.4755

Complementary

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



142.7450, -70.3733, 31.7956



36.2550, 70.3733, -31.7956

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.



156.1440, 48.7360, 1.6277



142.7450, -70.3733, 31.7956



131.2080, 61.0295, -115.0694

Square

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



142.7450, -70.3733, 31.7956



124.0310, 15.7607, -108.7752



122.4030, 65.3703, -107.3474



148.1640, 1.8911, 93.6952

Rectangle

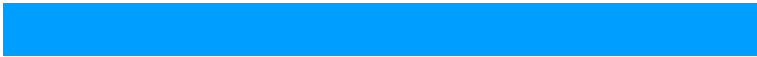
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



142.7450, -70.3733, 31.7956



128.9160, -26.5806, -61.3163



122.4030, 65.3703, -107.3474



157.4610, 34.7757, 46.0767

Sweetspot

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



142.7450, -70.3733, 31.7956



218.1500, -27.6819, 12.1465



56.9410, -13.2819, 107.0457



108.6900, -16.6092, 7.2879



245.0000, 0.0000, 0.0000



117.0000, 0.0000, 0.0000

Same Dimension

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



142.7450, -70.3733, 31.7956



185.0070, -91.2085, 41.2129



140.6540, -69.3424, -18.9906



87.3870, -3.6418, 1.4146



122.0570, -60.1741, 27.1370



20.6880, -10.1992, 4.6586

Inverse Universe

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



36.2550, 70.3733, -31.7956



46.9930, 91.2085, -41.2129



38.3460, 69.3424, 18.9906



82.2000, 3.3524, -1.9294



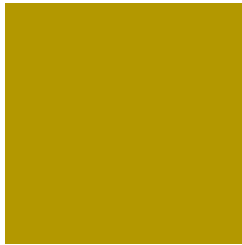
30.9430, 60.1741, -27.1370



5.3120, 10.1992, -4.6586

Previews

White Background



This preview shows how the YUV color 142.7450, -70.3733, 31.7956 looks on a white background.

Color Contrast Check

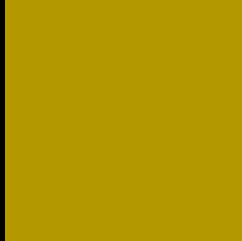
Large Text (above 18pt) WCAG AA × Fail

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 142.7450, -70.3733, 31.7956 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 142.7450, -70.3733, 31.7956

Background



This preview shows how black text looks on a background with the YUV color 142.7450, -70.3733, 31.7956.



This preview shows how white text looks on a background with the YUV color 142.7450, -70.3733, 31.7956.

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

142.8090, -67.4468, 26.4775

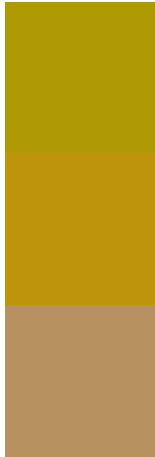
Deuteranopia

145.6460, -63.4225, 42.4065

Tritanopia

156.0080, -1.9759, 27.1800

Trichromacy



Protanomaly

142.5920, -68.3259, 28.4218

Deuteranomaly

144.6410, -65.8850, 38.9028

Tritanomaly

151.1890, -26.7152, 28.7752

Monochromacy



Achromatopsia

143.0000, 0.0000, 0.0000

Achromatomaly

142.7200, -25.4980, 11.6466

CSS Examples

Text

The CSS property to change the color of the text to YUV 142.7450, -70.3733, 31.7956 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(179, 152, 0)` looks like.

```
.text, #text, p{  
    color:rgb(179, 152, 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(179, 152, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 152, 0) }
```

Border

The CSS property to change the border of an element to YUV 142.7450, -70.3733, 31.7956 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(179, 152, 0) }
```

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

```
.border{ border-color:rgb(179, 152, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(179, 152, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 152, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 152, 0);  
box-shadow:4px 4px 4px 4px rgb(179, 152,  
0) }
```


Background

The CSS property to change the background color of an element to YUV 142.7450, -70.3733, 31.7956 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 152, 0) }
```

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

```
.background{ background-color: rgb(179,  
152, 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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