

Converting Colors

YUV(142.8550, -70.4275,
49.2392)

Have a look what the booklet for
YUV(142.8550, -70.4275, 49.2392)
contains.

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Color

**YUV(142.8550, -70.4275,
49.2392)**

Conversions

Conversions Part 1

Format	Color
Hex	C78E00
RGB	199, 142, 0
RGB Percent	78%, 56%, 0%
CMY	0.2196, 0.4431, 1.0000
CMYK	0.00, 0.29, 1.00, 0.22
HSL	43°, 100%, 39%
HSV	43°, 100%, 78%
XYZ	33.2262, 31.4881, 4.3266
YIQ	142.8550, 79.5540, -32.0780

Conversions

Conversions Part 2

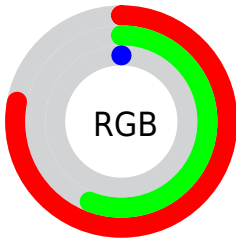
Format	Color
RYB	80, 199, 0
Decimal	13078016
CIELab	62.92, 12.06, 67.82
CIELCh	63, 68.880, 79.916
Yxy	31.4881, 0.4813, 0.4561
Android (android.graphics.Color)	4291268096 (0xFFC78E00)
YUV	142.8550, -70.4275, 49.2392
Hunter-Lab	56.1143, 7.4928, 34.7085

Details

The YUV color **142.8550, -70.4275, 49.2392** is a dark color, and the websafe version is hex **CC9900**. The color can be described as dark washed orange. A complement of this color would be **56.1450, 70.4275, -49.2392**, and the grayscale version is **143.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **198.9180, -62.5706, 49.1839**, and **95.8640, -47.2610, 38.7073** is the 20% darker color. If you saturate the color by 10%, you get **142.8550, -70.4275, 49.2392**, and if you desaturate by 10%, it is **148.6570, -63.4279, 44.1508**.

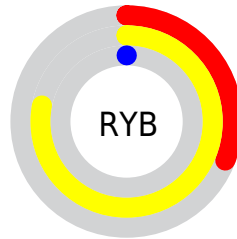
Distribution



Red (78%)

Green (56%)

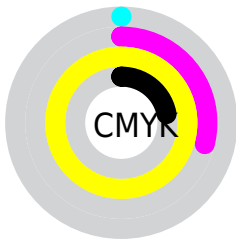
Blue (0%)



Red (31%)

Yellow (78%)

Blue (0%)

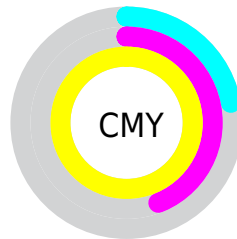


Cyan (0%)

Magenta (29%)

Yellow (100%)

Black (22%)



Cyan (22%)

Magenta (44%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the YUV color 142.8550, -70.4275, 49.2392 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 142.8550, -70.4275, 49.2392 by changing the saturation by 10% instead.

■ 142.8550,
-70.4275, 49.2392

■ 142.8550,
-70.4275, 49.2392

■ 255.0000, 0.0000,
0.0000

■ 119.2100,
-58.7705, 43.6658

■ 198.9180,
-62.5706, 49.1839

■ 95.8640, -47.2610,
38.7073

■ 218.5460,
-58.4432, 31.9702

■ 73.6920, -36.3302,
32.7191

■ 238.6470,
-55.0420, 14.3416

■ 52.1070, -25.6888,
26.2162

■ 243.6000,
-43.6798, 9.9978

■ 32.0060, -15.7790,
21.0427

■ 246.7920,
-31.4495, 7.1984

■ 10.1550, -5.0064,
19.1581

■ 250.0980,

■ 0.0000, 0.0000,

-18.7823, 4.2991

0.0000

■ 253.4040, -6.1152,
1.3997

■ 142.8550,
-70.4275, 49.2392

■ 148.6570,
-63.4279, 44.1508

■ 153.8720,
-56.1389, 39.5773

■ 159.6740,
-49.1393, 34.4889

■ 165.4760,
-42.1397, 29.4005

■ 171.2780,
-35.1401, 24.3122

■ 176.3790,
-28.2878, 19.8386

■ 182.1810,
-21.2882, 14.7503

■ 187.9830,
-14.2886, 9.6619

■ 193.1980, -6.9996,
5.0884

Harmonies

Analogous

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



146.8770, -43.3234, 82.5459



142.8550, -70.4275, 49.2392



137.8340, -65.4872, 4.5306

Triad

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



142.8550, -70.4275, 49.2392



128.1350, 31.4854, -112.3744



156.4220, 37.2600, 42.6029

Complementary

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



142.8550, -70.4275, 49.2392



56.1450, 70.4275, -49.2392

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.



146.4770, 53.5018, -33.7443



142.8550, -70.4275, 49.2392



131.8290, 55.7933, -115.6140

Square

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



142.8550, -70.4275, 49.2392



119.7790, 4.5460, -105.0462



125.9250, 63.6340, -110.4362



149.7040, 12.9639, 88.8366

Rectangle

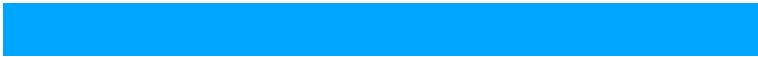
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



142.8550, -70.4275, 49.2392



133.6670, -42.2338, -33.9110



125.9250, 63.6340, -110.4362



155.9400, 44.8926, 21.1006

Sweetspot

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



142.8550, -70.4275, 49.2392



233.4220, -26.8300, 18.9239



66.3410, -3.1261, 116.3419



114.5380, -16.0412, 11.8062



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

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



142.8550, -70.4275, 49.2392



183.0790, -90.2579, 63.0747



164.3540, -81.0265, -4.6955



96.8000, -3.3524, 1.9294



116.8290, -57.5967, 40.4920



25.4390, -12.5414, 9.2620

Inverse Universe

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



56.1450, 70.4275, -49.2392



71.9210, 90.2579, -63.0747



34.6460, 81.0265, 4.6955



92.2000, 3.3524, -1.9294



46.1710, 57.5967, -40.4920



9.9740, 12.8308, -8.7472

Previews

White Background



This preview shows how the YUV color 142.8550, -70.4275, 49.2392 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 142.8550, -70.4275, 49.2392 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 142.8550, -70.4275, 49.2392

Background



This preview shows how black text looks on a background with the YUV color 142.8550, -70.4275, 49.2392.



This preview shows how white text looks on a background with the YUV color 142.8550, -70.4275, 49.2392.

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

142.8550, -70.4275, 49.2392

Protanopia

142.6070, -64.3893, 25.7777

Deuteranopia

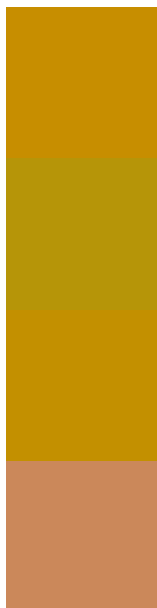
142.8220, -70.4112, 44.0061



Tritanopia

154.9670, -6.3927, 43.8789

Trichromacy



Original Color

142.8550, -70.4275, 49.2392

Protanomaly

142.7930, -66.4529, 34.3845

Deuteranomaly

142.8330, -70.4167, 45.7505

Tritanomaly

150.7890, -29.9690, 45.7890

Monochromacy



Original Color

142.8550, -70.4275, 49.2392

Achromatopsia

143.0000, 0.0000, 0.0000

Achromatomaly

143.0520, -25.6616, 17.4944

CSS Examples

Text

The CSS property to change the color of the text to YUV 142.8550, -70.4275, 49.2392 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(199, 142, 0)` looks like.

```
.text, #text, p{  
    color:rgb(199, 142, 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(199, 142, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 142, 0) }
```

Border

The CSS property to change the border of an element to YUV 142.8550, -70.4275, 49.2392 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(199, 142, 0) }
```


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

```
.border{ border-color:rgb(199, 142, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 142, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 142, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 142, 0);  
box-shadow:4px 4px 4px 4px rgb(199, 142,  
0) }
```

Background

The CSS property to change the background color of an element to YUV 142.8550, -70.4275, 49.2392 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 142, 0) }
```

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

```
.background{ background-color: rgb(199,  
142, 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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