

Converting Colors

YUV(149.5660, -68.8060,
42.4766)

Have a look what the booklet for
YUV(149.5660, -68.8060, 42.4766)
contains.

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Color

**YUV(149.5660, -68.8060,
42.4766)**

Conversions

Conversions Part 1

Format	Color
Hex	C6980A
RGB	198, 152, 10
RGB Percent	78%, 60%, 4%
CMY	0.2235, 0.4039, 0.9608
CMYK	0.00, 0.23, 0.95, 0.22
HSL	45°, 90%, 41%
HSV	45°, 95%, 78%
XYZ	34.5717, 34.4842, 5.1211
YIQ	149.5660, 72.9980, -34.4100

Conversions

Conversions Part 2

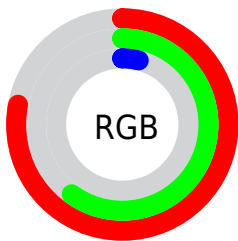
Format	Color
RYB	71, 198, 10
Decimal	13015050
CIELab	65.35, 6.29, 68.06
CIELCh	65, 68.346, 84.720
Yxy	34.4842, 0.4661, 0.4649
Android (android.graphics.Color)	4291205130 (0xFFC6980A)
YUV	149.5660, -68.8060, 42.4766
Hunter-Lab	58.7232, 2.3215, 35.9357

Details

The YUV color **149.5660, -68.8060, 42.4766** 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 **58.4340, 68.8060, -42.4766**, and the grayscale version is **150.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **206.0590, -63.1331, 42.9213**, and **101.4350, -50.0075, 32.9445** is the 20% darker color. If you saturate the color by 10%, you get **147.2520, -72.5952, 44.5060**, and if you desaturate by 10%, it is **154.7810, -61.5170, 37.9031**.

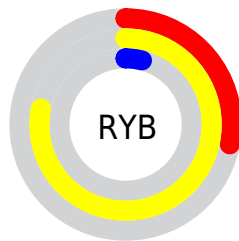
Distribution



Red (78%)

Green (60%)

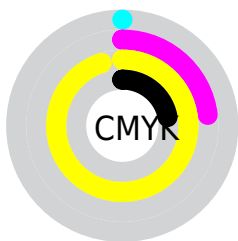
Blue (4%)



Red (28%)

Yellow (78%)

Blue (4%)

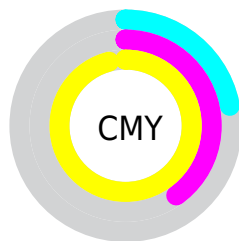


Cyan (0%)

Magenta (23%)

Yellow (95%)

Black (22%)



Cyan (22%)

Magenta (40%)

Yellow (96%)

Brightness & Saturation Gradients

These gradients show how the YUV color 149.5660, -68.8060, 42.4766 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 149.5660, -68.8060, 42.4766 by changing the saturation by 10% instead.

■ 149.5660,
-68.8060, 42.4766

■ 149.5660,
-68.8060, 42.4766

■ 255.0000, 0.0000,
0.0000

■ 124.1940,
-61.2276, 38.4179

■ 206.0590,
-63.1331, 42.9213

■ 101.4350,
-50.0075, 32.9445

■ 225.5730,
-59.4425, 25.8075

■ 78.6760, -38.7873,
27.4711

■ 241.0920,
-53.2894, 12.1973

■ 56.8030, -28.0039,
22.0978

■ 244.2840,
-41.0590, 9.3979

■ 36.7020, -18.0941,
16.9243

■ 247.4760,
-28.8287, 6.5985

■ 17.1990, -8.4791,
12.9805

■ 250.7820,

■ 0.0000, 0.0000,

-16.1615, 3.6992

0.0000

254.0880, -3.4944,
0.7998

149.5660,
-68.8060, 42.4766

149.5660,
-68.8060, 42.4766

147.2520,
-72.5952, 44.5060

154.7810,
-61.5170, 37.9031

159.9960,
-54.2280, 33.3295

165.0970,
-47.3758, 28.8559

169.7250,
-39.7974, 24.7972

174.9400,
-32.5084, 20.2236

■ 180.1550,
-25.2194, 15.6501

■ 185.3700,
-17.9304, 11.0765

■ 190.4710,
-11.0782, 6.6029

■ 195.6860, -3.7892,
2.0294

Harmonies

Analogous

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



153.4050, -47.5277, 77.6978



149.5660, -68.8060, 42.4766



144.9560, -57.1663, -4.3464

Triad

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



149.5660, -68.8060, 42.4766



133.4810, 36.7379, -117.0628



162.4510, 33.3017, 52.2245

Complementary

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



149.5660, -68.8060, 42.4766



58.4340, 68.8060, -42.4766

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.



156.3220, 48.6483, -16.9454



149.5660, -68.8060, 42.4766



135.9040, 58.7143, -119.1878

Square

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



149.5660, -68.8060, 42.4766



126.2990, 9.2196, -110.7642



128.2730, 62.4764, -112.4954



153.9660, 8.8908, 88.6068

Rectangle

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



149.5660, -68.8060, 42.4766



138.5070, -36.2390, -43.4176



128.2730, 62.4764, -112.4954



163.5670, 40.6395, 31.9517

Sweetspot

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



149.5660, -68.8060, 42.4766



236.9270, -26.0930, 15.8500



71.5700, -7.1830, 110.8791



116.5270, -16.0358, 10.0618



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.



149.5660, -68.8060, 42.4766



189.5360, -93.4412, 57.4119



162.5150, -75.1899, -10.0987



96.8000, -3.3524, 1.9294



120.9380, -59.6224, 36.8884



26.6130, -13.1202, 8.2324

Inverse Universe

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



58.4340, 68.8060, -42.4766



65.4640, 93.4412, -57.4119



45.4850, 75.1899, 10.0987



92.2000, 3.3524, -1.9294



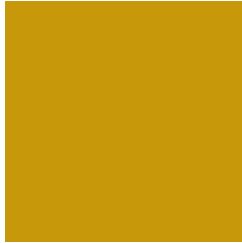
42.0620, 59.6224, -36.8884



9.3870, 13.1202, -8.2324

Previews

White Background



This preview shows how the YUV color 149.5660, -68.8060, 42.4766 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 149.5660, -68.8060, 42.4766 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 149.5660, -68.8060, 42.4766

Background



This preview shows how black text looks on a background with the YUV color 149.5660, -68.8060, 42.4766.



This preview shows how white text looks on a background with the YUV color 149.5660, -68.8060,

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

149.5660, -68.8060, 42.4766

Protanopia

148.4500, -66.2838, 26.7924

Deuteranopia

150.2180, -67.6485, 44.5358



Tritanopia

161.3900, -4.6293, 38.2460

Trichromacy



Original Color

149.5660, -68.8060, 42.4766

Protanomaly

148.6680, -66.8843, 32.7402

Deuteranomaly

149.8050, -67.9379, 44.0210

Tritanomaly

156.9130, -28.0581, 39.5413

Monochromacy



Original Color

149.5660, -68.8060, 42.4766

Achromatopsia

150.0000, 0.0000, 0.0000

Achromatomaly

149.8560, -25.0720, 15.0353

CSS Examples

Text

The CSS property to change the color of the text to YUV 149.5660, -68.8060, 42.4766 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(198, 152, 10)` looks like.

```
.text, #text, p{  
    color:rgb(198, 152, 10)  
}
```

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(198, 152, 10) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 152, 10) }
```

Border

The CSS property to change the border of an element to YUV 149.5660, -68.8060, 42.4766 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(198, 152, 10) }
```


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

```
.border{ border-color:rgb(198, 152, 10) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 152, 10)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 152, 10); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 152, 10);  
box-shadow:4px 4px 4px 4px rgb(198, 152,  
10) }
```

Background

The CSS property to change the background color of an element to YUV 149.5660, -68.8060, 42.4766 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 152, 10) }
```

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

```
.background{ background-color: rgb(198,  
152, 10) }
```

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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