

Converting Colors

YUV(167.7550, -48.6862,
29.1559)

Have a look what the booklet for
YUV(167.7550, -48.6862, 29.1559)
contains.

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Color

**YUV(167.7550, -48.6862,
29.1559)**

Conversions

Conversions Part 1

Format	Color
Hex	C9AA45
RGB	201, 170, 69
RGB Percent	79%, 67%, 27%
CMY	0.2118, 0.3333, 0.7294
CMYK	0.00, 0.15, 0.66, 0.21
HSL	46°, 55%, 53%
HSV	46°, 66%, 79%
XYZ	39.5363, 41.5966, 11.5754
YIQ	167.7550, 50.8970, -24.8390

Conversions

Conversions Part 2

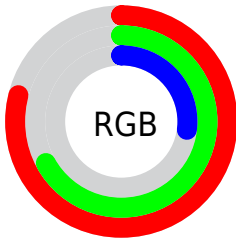
Format	Color
RYB	110, 201, 69
Decimal	13216325
CIELab	70.59, -0.00, 54.55
CIELCh	71, 54.552, 90.000
Yxy	41.5966, 0.4265, 0.4487
Android (android.graphics.Color)	4291406405 (0xFFC9AA45)
YUV	167.7550, -48.6862, 29.1559
Hunter-Lab	64.4954, -3.4449, 34.5057

Details

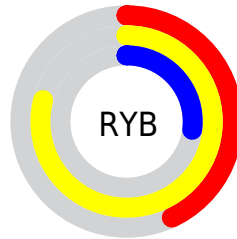
The YUV color **167.7550, -48.6862, 29.1559** is a dark color, and the websafe version is hex **CC9933**. The color can be described as middle muted orange. A complement of this color would be **102.2450, 48.6862, -29.1559**, and the grayscale version is **168.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **222.2280, -49.4124, 28.7410**, and **113.4620, -51.0068, 26.7818** is the 20% darker color. If you saturate the color by 10%, you get **162.5400, -55.9752, 33.7294**, and if you desaturate by 10%, it is **172.9700, -41.3972, 24.5823**.

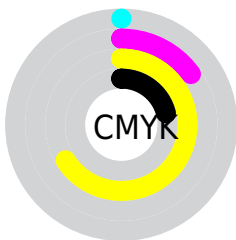
Distribution



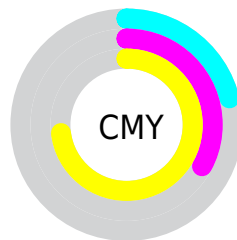
- Red (79%)
- Green (67%)
- Blue (27%)



- Red (43%)
- Yellow (79%)
- Blue (27%)



- Cyan (0%)
- Magenta (15%)
- Yellow (66%)
- Black (21%)



- Cyan (21%)
- Magenta (33%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the YUV color 167.7550, -48.6862, 29.1559 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 167.7550, -48.6862, 29.1559 by changing the saturation by 10% instead.

■ 167.7550,
-48.6862, 29.1559

■ 167.7550,
-48.6862, 29.1559

■ 255.0000, 0.0000,
0.0000

■ 140.7440,
-48.6808, 27.4115

■ 222.2280,
-49.4124, 28.7410

■ 113.4620,
-51.0068, 26.7818

■ 242.3290,
-46.0112, 11.1125

■ 89.8620, -44.3020,
22.9230

■ 245.9940,
-34.5070, 7.8983

■ 67.7010, -33.3766,
18.6792

■ 249.1860,
-22.2767, 5.0989

■ 46.7140, -23.0300,
13.4058

■ 252.4920, -9.6096,
2.1995

■ 27.4990, -13.5570,
8.3324

■ 2.0710, -1.0210,

0.8147

■ 0.0000, 0.0000,
0.0000

■ 167.7550,
-48.6862, 29.1559

■ 167.7550,
-48.6862, 29.1559

■ 162.5400,
-55.9752, 33.7294

■ 172.9700,
-41.3972, 24.5823

■ 157.9120,
-63.5536, 37.7882

■ 177.5980,
-33.8188, 20.5236

■ 152.6970,
-70.8426, 42.3617

■ 182.8130,
-26.5298, 15.9500

■ 150.4970,
-74.1950, 44.2911

■ 188.0280,
-19.2408, 11.3764

■ 193.3570,
-11.5150, 6.7029

■ 197.9850, -3.9366,
2.6442

■ 203.2000, 3.3524,
-1.9294

■ 208.4150, 10.6414,
-6.5030

■ 213.0430, 18.2198,
-10.5617

Harmonies

Analogous

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



170.9020, -41.3637, 60.5989



167.7550, -48.6862, 29.1559



162.6190, -39.2522, -10.1899

Triad

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



167.7550, -48.6862, 29.1559



140.8330, 39.5223, -123.5105



177.5680, 22.3980, 49.4909

Complementary

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



167.7550, -48.6862, 29.1559



102.2450, 48.6862, -29.1559

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.



175.3150, 39.2847, -0.2763



167.7550, -48.6862, 29.1559



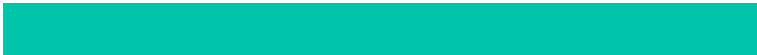
141.1870, 56.1098, -123.8210

Square

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



167.7550, -48.6862, 29.1559



135.1330, 17.6824, -118.5116



155.3830, 49.1112, -72.2499



172.5050, 1.2300, 72.3481

Rectangle

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



167.7550, -48.6862, 29.1559



157.0910, -25.1879, -41.2988



155.3830, 49.1112, -72.2499



177.6030, 29.2827, 34.5512

Sweetspot

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



167.7550, -48.6862, 29.1559



242.1420, -18.8040, 11.2765



112.2300, -5.0434, 77.8513



119.7700, -11.2256, 7.2177



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.



167.7550, -48.6862, 29.1559



204.4970, -74.1950, 44.2911



176.0850, -52.7929, -7.0905



96.8000, -3.3524, 1.9294



122.1120, -60.2012, 35.8588



26.6130, -13.1202, 8.2324

Inverse Universe

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



102.2450, 48.6862, -29.1559



104.5030, 74.1950, -44.2911



93.9150, 52.7929, 7.0905



92.2000, 3.3524, -1.9294



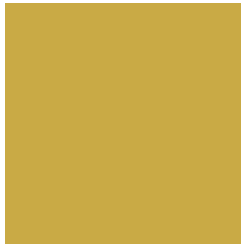
40.8880, 60.2012, -35.8588



8.8000, 13.4096, -7.7176

Previews

White Background



This preview shows how the YUV color 167.7550, -48.6862, 29.1559 looks on a white background.

Color Contrast Check

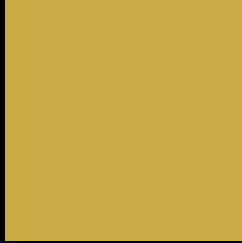
Large Text (above 18pt) WCAG AA × Fail

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 167.7550, -48.6862, 29.1559 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 167.7550, -48.6862, 29.1559

Background



This preview shows how black text looks on a background with the YUV color 167.7550, -48.6862, 29.1559.



This preview shows how white text looks on a background with the YUV color 167.7550, -48.6862, 29.1559.

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

167.7550, -48.6862, 29.1559

Protanopia

167.2380, -47.9383, 22.5933

Deuteranopia

168.6470, -48.1400, 40.6516



Tritanopia

175.4320, -1.6920, 29.4391

Trichromacy



Original Color

167.7550, -48.6862, 29.1559

Protanomaly

167.5480, -48.0912, 24.9524

Deuteranomaly

168.2120, -48.4185, 36.6481

Tritanomaly

172.6650, -18.5688, 29.2348

Monochromacy



Original Color

167.7550, -48.6862, 29.1559

Achromatopsia

168.0000, 0.0000, 0.0000

Achromatomaly

168.0710, -17.7830, 10.4617

CSS Examples

Text

The CSS property to change the color of the text to YUV 167.7550, -48.6862, 29.1559 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(201, 170, 69)` looks like.

```
.text, #text, p{  
    color:rgb(201, 170, 69)  
}
```

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(201, 170, 69) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 170, 69) }
```

Border

The CSS property to change the border of an element to YUV 167.7550, -48.6862, 29.1559 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(201, 170, 69) }
```


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

```
.border{ border-color:rgb(201, 170, 69) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 170, 69)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 170, 69); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 170, 69);  
box-shadow:4px 4px 4px 4px rgb(201, 170,  
69) }
```

Background

The CSS property to change the background color of an element to YUV 167.7550, -48.6862, 29.1559 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 170, 69) }
```

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

```
.background{ background-color: rgb(201,  
170, 69) }
```

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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