

Converting Colors

YUV(142.1490, -49.3735,
63.0133)

Have a look what the booklet for
YUV(142.1490, -49.3735, 63.0133)
contains.

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Color

**YUV(142.1490, -49.3735,
63.0133)**

Conversions

Conversions Part 1

Format	Color
Hex	D67D2A
RGB	214, 125, 42
RGB Percent	84%, 49%, 16%
CMY	0.1608, 0.5098, 0.8353
CMYK	0.00, 0.42, 0.80, 0.16
HSL	29°, 68%, 50%
HSV	29°, 80%, 84%
XYZ	35.4831, 29.1305, 5.9431
YIQ	142.1490, 79.6870, -6.9450

Conversions

Conversions Part 2

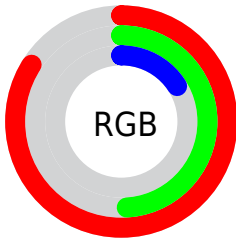
Format	Color
R_{YB}	214, 202, 42
Decimal	14056746
CIE _{Lab}	60.90, 28.57, 56.71
CIE _{LCh}	61, 63.505, 63.261
Yxy	29.1305, 0.5029, 0.4129
Android (android.graphics.Color)	4292246826 (0xFFD67D2A)
YUV	142.1490, -49.3735, 63.0133
Hunter-Lab	53.9727, 22.8984, 31.2523

Details

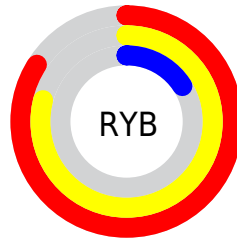
The YUV color **142.1490, -49.3735, 63.0133** is a dark color, and the websafe version is hex **CC6600**. The color can be described as dark washed orange. A complement of this color would be **113.8510, 49.3735, -63.0133**, and the grayscale version is **143.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **191.4470, -48.0414, 55.7360**, and **89.7720, -44.2576, 55.4510** is the 20% darker color. If you saturate the color by 10%, you get **133.2980, -55.3629, 70.7757**, and if you desaturate by 10%, it is **151.0000, -43.3840, 55.2510**.

Distribution



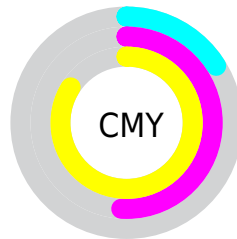
- Red (84%)
- Green (49%)
- Blue (16%)



- Red (84%)
- Yellow (79%)
- Blue (16%)



- Cyan (0%)
- Magenta (42%)
- Yellow (80%)
- Black (16%)





- Cyan (16%)
- Magenta (51%)
- Yellow (84%)

Brightness & Saturation Gradients


These gradients show how the YUV color 142.1490, -49.3735, 63.0133 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 142.1490, -49.3735, 63.0133 by changing the saturation by 10% instead.


 142.1490,
-49.3735, 63.0133


 142.1490,
-49.3735, 63.0133


255.0000, 0.0000,
0.0000


 114.6710,
-51.1098, 59.9245


 191.4470,
-48.0414, 55.7360

 89.7720, -44.2576,
55.4510


 210.8470,
-44.7876, 38.7222

 67.0130, -33.0374,
49.9776


 230.3610,
-41.0970, 21.6084

 44.8410, -22.1066,
43.9894

 245.8800,
-34.9438, 7.9982

 22.0820, -10.8864,
38.5161

 249.0720,
-22.7135, 5.1989

 12.9710, -5.9017,
26.3354

 252.2640,

 0.0000, 0.0000,

-10.4832, 2.3995

0.0000

■ 142.1490,
-49.3735, 63.0133

■ 142.1490,
-49.3735, 63.0133

■ 133.2980,
-55.3629, 70.7757

■ 151.0000,
-43.3840, 55.2510

■ 124.4470,
-61.3524, 78.5380

■ 159.9650,
-36.9577, 47.3887

■ 168.8160,
-30.9683, 39.6264

■ 177.7810,
-24.5420, 31.7641

■ 186.6320,
-18.5526, 24.0017

■ 195.4830,
-12.5631, 16.2394

■ 205.0350, -6.4263,
7.8623

■ 213.8860, -0.4368,
0.1000

■ 222.8510, 5.9895,
-7.7623

Harmonies

Analogous

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



142.3780, -26.3154, 87.3685



142.1490, -49.3735, 63.0133



137.3730, -62.7949, 27.7369

Triad

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



142.1490, -49.3735, 63.0133



118.8790, 16.3287, -104.2569



149.5420, 45.0888, 4.7867

Complementary

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



142.1490, -49.3735, 63.0133



113.8510, 49.3735, -63.0133

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.



118.2940, 67.3961, -103.7438



142.1490, -49.3735, 63.0133



124.5620, 40.6419, -109.2409

Square

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



142.1490, -49.3735, 63.0133



110.5060, -8.1375, -96.9138



125.6000, 59.8502, -110.1512



149.1010, 24.1072, 61.3014

Rectangle

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



142.1490, -49.3735, 63.0133



135.1180, -52.8092, -1.8575



125.6000, 59.8502, -110.1512



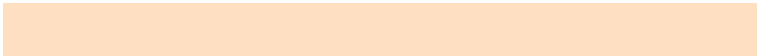
145.8100, 51.8587, -20.0044

Sweetspot

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



142.1490, -49.3735, 63.0133



229.2620, -17.3842, 22.5722



103.9160, 14.8314, 96.5437



112.0420, -10.3737, 13.9952



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.



142.1490, -49.3735, 63.0133



152.5210, -70.2629, 89.8741



190.8700, -73.3929, 20.2850



102.8110, -3.3578, 3.6738



99.2630, -48.9367, 62.9133



25.1840, -12.4157, 15.6246

Inverse Universe

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



113.8510, 49.3735, -63.0133



112.4790, 70.2629, -89.8741



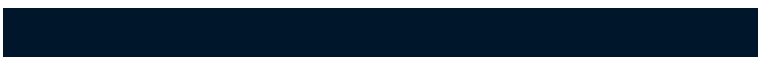
65.1300, 73.3929, -20.2850



100.7760, 3.0684, -4.1886



71.1500, 49.2260, -62.3986



17.8160, 12.4157, -15.6246

Previews

White Background



This preview shows how the YUV color 142.1490, -49.3735, 63.0133 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 142.1490, -49.3735, 63.0133 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 142.1490, -49.3735, 63.0133

Background



This preview shows how black text looks on a background with the YUV color 142.1490, -49.3735, 63.0133.



This preview shows how white text looks on a background with the YUV color 142.1490, -49.3735, 63.0133.

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

142.1490, -49.3735, 63.0133

Protanopia

141.6830, -46.1857, 20.4490

Deuteranopia

141.5990, -52.0603, 38.0627



Tritanopia

148.1110, -11.3937, 61.2927

Trichromacy



Original Color

142.1490, -49.3735, 63.0133

Protanomaly

142.1410, -47.3975, 35.8333

Deuteranomaly

142.1810, -51.3612, 47.1993

Tritanomaly

146.1530, -25.2184, 62.1328

Monochromacy



Original Color

142.1490, -49.3735, 63.0133

Achromatopsia

142.0000, 0.0000, 0.0000

Achromatomaly

142.1480, -17.8210, 22.6722

CSS Examples

Text

The CSS property to change the color of the text to YUV 142.1490, -49.3735, 63.0133 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(214, 125, 42)` looks like.

```
.text, #text, p{  
    color:rgb(214, 125, 42)  
}
```

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(214, 125, 42) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 125, 42) }
```

Border

The CSS property to change the border of an element to YUV 142.1490, -49.3735, 63.0133 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(214, 125, 42) }
```


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

```
.border{ border-color:rgb(214, 125, 42) }
```

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

Here you see how a box with a 4 pixel rgb(214, 125, 42) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 125, 42); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 125, 42);  
box-shadow:4px 4px 4px 4px rgb(214, 125,  
42) }
```

Background

The CSS property to change the background color of an element to YUV 142.1490, -49.3735, 63.0133 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 125, 42) }
```

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

```
.background{ background-color: rgb(214,  
125, 42) }
```

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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