

Converting Colors

YUV(147.4700, -36.2207,
44.3148)

Have a look what the booklet for
YUV(147.4700, -36.2207, 44.3148)
contains.

YUV(147.4700, -36.2207, 44.3148)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(147.4700, -36.2207,
44.3148)**

Conversions

Conversions Part 1

Format	Color
Hex	C6884A
RGB	198, 136, 74
RGB Percent	78%, 53%, 29%
CMY	0.2235, 0.4667, 0.7098
CMYK	0.00, 0.31, 0.63, 0.22
HSL	30°, 52%, 53%
HSV	30°, 63%, 78%
XYZ	33.3289, 30.1085, 10.5335
YIQ	147.4700, 56.8540, -6.1380

Conversions

Conversions Part 2

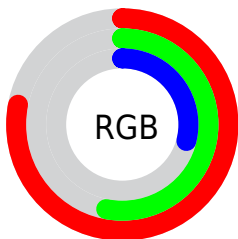
Format	Color
RYB	198, 198, 74
Decimal	13011018
CIELab	61.75, 17.47, 42.24
CIELCh	62, 45.704, 67.533
Yxy	30.1085, 0.4506, 0.4070
Android (android.graphics.Color)	4291201098 (0xFFC6884A)
YUV	147.4700, -36.2207, 44.3148
Hunter-Lab	54.8712, 12.3967, 27.0281

Details

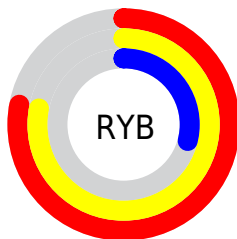
The YUV color **147.4700, -36.2207, 44.3148** is a dark color, and the websafe version is hex **CC9966**. The color can be described as middle muted orange. A complement of this color would be **124.5300, 36.2207, -44.3148**, and the grayscale version is **148.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **201.4380, -37.6839, 46.9739**, and **95.1920, -34.6047, 39.2966** is the 20% darker color. If you saturate the color by 10%, you get **139.3200, -42.0628, 51.4624**, and if you desaturate by 10%, it is **155.6200, -30.3787, 37.1673**.

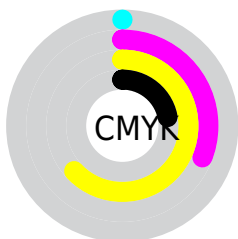
Distribution



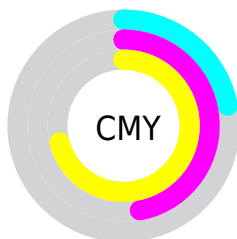
- Red (78%)
- Green (53%)
- Blue (29%)



- Red (78%)
- Yellow (78%)
- Blue (29%)



- Cyan (0%)
- Magenta (31%)
- Yellow (63%)
- Black (22%)



- Cyan (22%)
- Magenta (47%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the YUV color 147.4700, -36.2207, 44.3148 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 147.4700, -36.2207, 44.3148 by changing the saturation by 10% instead.

■ 147.4700,
-36.2207, 44.3148

■ 147.4700,
-36.2207, 44.3148

■ 255.0000, 0.0000,
0.0000

■ 121.3880,
-35.1943, 41.7557

■ 201.4380,
-37.6839, 46.9739

■ 95.1920, -34.6047,
39.2966

■ 220.8380,
-34.4301, 29.9601

■ 70.4690, -34.7412,
36.4227

■ 240.9390,
-31.0289, 12.3315

■ 48.8950, -24.1052,
31.6641

■ 249.4140,
-21.4031, 4.8989

■ 28.4950, -14.0480,
25.8759

■ 252.6060, -9.1728,
2.0995

■ 10.4650, -5.1592,
21.5172

■ 0.0000, 0.0000,

0.0000

■ 147.4700,
-36.2207, 44.3148

■ 147.4700,
-36.2207, 44.3148

■ 139.3200,
-42.0628, 51.4624

■ 155.6200,
-30.3787, 37.1673

■ 131.1700,
-47.9048, 58.6099

■ 163.7700,
-24.5366, 30.0197

■ 123.1340,
-53.3101, 65.6575

■ 171.8060,
-19.1314, 22.9721

■ 117.3150,
-57.8363, 70.7607

■ 179.9560,
-13.2893, 15.8246

■ 188.1060, -7.4473,
8.6770

■ 195.6690, -1.3158,
2.0443

■ 203.8190, 4.5262,
-5.1033

■ 211.8550, 9.9315,
-12.1508

■ 220.0050, 15.7735,
-19.2984

Harmonies

Analogous

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



149.0220, -23.1818, 62.2477



147.4700, -36.2207, 44.3148



144.3110, -38.6073, 16.3903

Triad

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



147.4700, -36.2207, 44.3148



117.8020, 19.8176, -103.3124



153.2750, 29.9374, 11.1598

Complementary

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



147.4700, -36.2207, 44.3148



124.5300, 36.2207, -44.3148

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.



143.7570, 42.0248, -39.2519



147.4700, -36.2207, 44.3148



121.0740, 37.4315, -106.1819

Square

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



147.4700, -36.2207, 44.3148



129.9050, -6.3622, -59.5527



120.5160, 50.5246, -105.6925



152.9670, 13.8203, 47.3869

Rectangle

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



147.4700, -36.2207, 44.3148



141.8460, -33.4481, -5.1269



120.5160, 50.5246, -105.6925



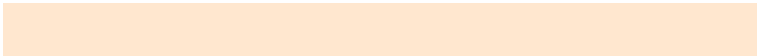
151.3270, 34.3488, -3.7948

Sweetspot

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



147.4700, -36.2207, 44.3148



235.4400, -14.0209, 17.1541



118.1440, 8.8030, 70.0337



115.7750, -8.7631, 10.7213



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.



147.4700, -36.2207, 44.3148



176.8740, -55.6469, 68.5165



183.8640, -54.1630, 12.3973



95.0390, -2.4842, 3.4738



96.8710, -47.7574, 57.9951



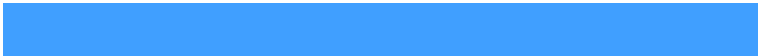
21.3300, -10.5157, 12.8656

Inverse Universe

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



124.5300, 36.2207, -44.3148



141.5390, 55.9363, -68.0017



88.1360, 54.1630, -12.3973



93.3740, 2.7736, -2.9590



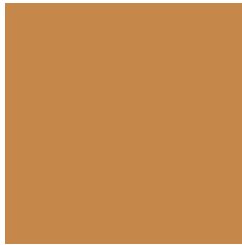
66.7160, 47.4680, -58.5099



14.6700, 10.5157, -12.8656

Previews

White Background



This preview shows how the YUV color 147.4700, -36.2207, 44.3148 looks on a white background.

Color Contrast Check

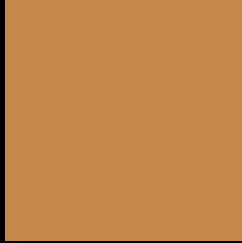
Large Text (above 18pt) WCAG AA × Fail

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 147.4700, -36.2207, 44.3148 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

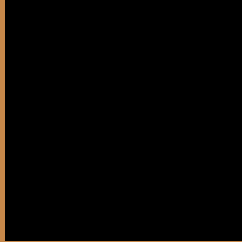
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 147.4700, -36.2207, 44.3148

Background



This preview shows how black text looks on a background with the YUV color 147.4700, -36.2207, 44.3148.



This preview shows how white text looks on a background with the YUV color 147.4700, -36.2207, 44.3148.

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

147.4700, -36.2207, 44.3148

Protanopia

146.3910, -33.2238, 16.3201

Deuteranopia

146.5780, -36.7670, 32.8191



Tritanopia

152.1520, -6.9769, 44.5937

Trichromacy



Original Color

147.4700, -36.2207, 44.3148

Protanomaly

146.8160, -34.4193, 26.4714

Deuteranomaly

147.0130, -36.4884, 36.8226

Tritanomaly

150.6930, -17.5966, 44.1192

Monochromacy



Original Color

147.4700, -36.2207, 44.3148

Achromatopsia

147.0000, 0.0000, 0.0000

Achromatomaly

147.2550, -13.4367, 16.4394

CSS Examples

Text

The CSS property to change the color of the text to YUV 147.4700, -36.2207, 44.3148 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, 136, 74)` looks like.

```
.text, #text, p{  
    color:rgb(198, 136, 74)  
}
```

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, 136, 74) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 136, 74) }
```

Border

The CSS property to change the border of an element to YUV 147.4700, -36.2207, 44.3148 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, 136, 74) }
```


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

```
.border{ border-color:rgb(198, 136, 74) }
```

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

Here you see how a box with a 4 pixel rgb(198, 136, 74) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 136, 74); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 136, 74);  
box-shadow:4px 4px 4px 4px rgb(198, 136,  
74) }
```

Background

The CSS property to change the background color of an element to YUV 147.4700, -36.2207, 44.3148 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 136, 74) }
```

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

```
.background{ background-color: rgb(198,  
136, 74) }
```

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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