

Converting Colors

YUV(147.2070, -27.2171,
49.8075)

Have a look what the booklet for
YUV(147.2070, -27.2171, 49.8075)
contains.

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Color

**YUV(147.2070, -27.2171,
49.8075)**

Conversions

Conversions Part 1

Format	Color
Hex	CC815C
RGB	204, 129, 92
RGB Percent	80%, 51%, 36%
CMY	0.2000, 0.4941, 0.6392
CMYK	0.00, 0.37, 0.55, 0.20
HSL	20°, 52%, 58%
HSV	20°, 55%, 80%
XYZ	34.6839, 29.3106, 13.9547
YIQ	147.2070, 56.5770, 4.3930

Conversions

Conversions Part 2

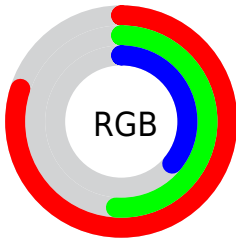
Format	Color
R_{YB}	204, 147, 92
Decimal	13402460
CIE Lab	61.05, 25.17, 32.02
CIE LCh	61, 40.724, 51.830
Yxy	29.3106, 0.4450, 0.3760
Android (android.graphics.Color)	4291592540 (0xFFCC815C)
YUV	147.2070, -27.2171, 49.8075
Hunter-Lab	54.1393, 19.6108, 22.6152

Details

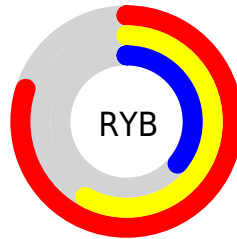
The YUV color **147.2070, -27.2171, 49.8075** is a dark color, and the websafe version is hex **CC9966**. The color can be described as middle muted orange. A complement of this color would be **148.7930, 27.2171, -49.8075**, and the grayscale version is **147.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **199.3810, -27.7958, 48.7779**, and **95.1570, -24.7274, 44.5893** is the 20% darker color. If you saturate the color by 10%, you get **136.7090, -31.9015, 59.0142**, and if you desaturate by 10%, it is **157.7050, -22.5326, 40.6007**.

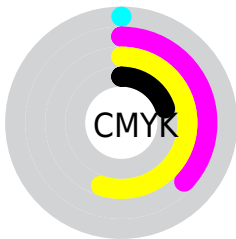
Distribution



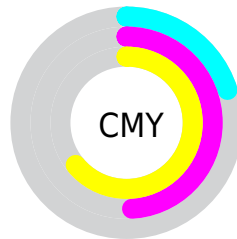
- Red (80%)
- Green (51%)
- Blue (36%)



- Red (80%)
- Yellow (58%)
- Blue (36%)



- Cyan (0%)
- Magenta (37%)
- Yellow (55%)
- Black (20%)





- Cyan (20%)
- Magenta (49%)
- Yellow (64%)

Brightness & Saturation Gradients


These gradients show how the YUV color 147.2070, -27.2171, 49.8075 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 147.2070, -27.2171, 49.8075 by changing the saturation by 10% instead.


 147.2070,
-27.2171, 49.8075


 147.2070,
-27.2171, 49.8075


255.0000, 0.0000,
0.0000

 121.1250,
-26.1906, 47.2484


 199.3810,
-27.7958, 48.7779


 95.1570, -24.7274,
44.5893


 218.7810,
-24.5420, 31.7641

 70.1890, -23.2642,
41.9302


 238.9960,
-20.7040, 14.0355

 45.9930, -22.6745,
39.4711

 251.5800,
-13.1039, 2.9993

 24.4190, -12.0386,
34.7125

254.8860, -0.4368,
0.1000

 12.3730, -5.6069,
25.1059

 0.0000, 0.0000,

0.0000

■ 147.2070,
-27.2171, 49.8075

■ 147.2070,
-27.2171, 49.8075

■ 136.7090,
-31.9015, 59.0142

■ 157.7050,
-22.5326, 40.6007

■ 126.6840,
-37.3122, 67.8061

■ 167.7300,
-17.1219, 31.8088

■ 116.1860,
-41.9967, 77.0129

■ 178.2280,
-12.4374, 22.6020

■ 105.5740,
-47.1180, 86.3196

■ 188.8400, -7.3161,
13.2953

■ 100.3250,
-49.4602, 90.9230

■ 198.7510, -2.3422,
4.6034

■ 209.2490, 2.3422,
-4.6034

■ 219.8610, 7.4635,
-13.9101

■ 229.7720, 12.4374,
-22.6020

■ 237.9900, 8.3859,
-29.8092

Harmonies

Analogous

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



148.3450, -12.9881, 59.3334



147.2070, -27.2171, 49.8075



145.1260, -34.5721, 28.8305

Triad

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



147.2070, -27.2171, 49.8075



124.6180, 5.6113, -73.3330



148.1150, 32.4813, -11.5019

Complementary

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



147.2070, -27.2171, 49.8075



148.7930, 27.2171, -49.8075

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.



134.6850, 41.0743, -61.1137



147.2070, -27.2171, 49.8075



117.1640, 27.5271, -102.7528

Square

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



147.2070, -27.2171, 49.8075



136.2200, -17.3635, -30.8879



118.2360, 41.7887, -103.6930



151.7410, 19.8477, 27.4141

Rectangle

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



147.2070, -27.2171, 49.8075



143.2440, -33.6443, 11.1870



118.2360, 41.7887, -103.6930



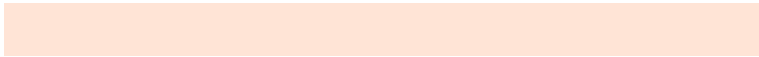
144.9390, 36.0191, -26.2565

Sweetspot

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



147.2070, -27.2171, 49.8075



234.4770, -10.0952, 17.9987



134.2660, 17.1239, 61.1567



115.1710, -6.0003, 11.2510



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.



147.2070, -27.2171, 49.8075



169.5170, -40.6809, 74.9686



178.9050, -42.8442, 22.0083



96.7510, -2.3422, 4.6034



81.9190, -40.3861, 73.7390



18.9930, -9.3635, 16.6691

Inverse Universe

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



148.7930, 27.2171, -49.8075



171.8960, 40.9703, -74.4538



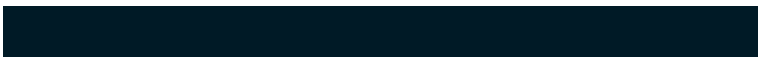
117.0950, 42.8442, -22.0083



97.2490, 2.3422, -4.6034



84.0810, 40.3861, -73.7390



19.5940, 9.0742, -17.1839

Previews

White Background



This preview shows how the YUV color 147.2070, -27.2171, 49.8075 looks on a white background.

Color Contrast Check

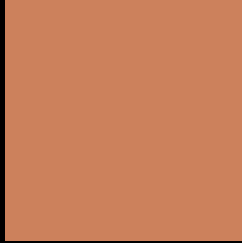
Large Text (above 18pt) WCAG AA ✓ Pass

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 147.2070, -27.2171, 49.8075 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 147.2070, -27.2171, 49.8075

Background



This preview shows how black text looks on a background with the YUV color 147.2070, -27.2171, 49.8075.



This preview shows how white text looks on a background with the YUV color 147.2070, -27.2171,

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

147.2070, -27.2171, 49.8075

Protanopia

146.0020, -23.1720, 12.2762

Deuteranopia

146.5480, -27.8782, 28.4604



Tritanopia

149.8430, -8.3036, 50.1267

Trichromacy



Original Color

147.2070, -27.2171, 49.8075

Protanomaly

146.3350, -24.8152, 26.0162

Deuteranomaly

147.0050, -27.6105, 35.9526

Tritanomaly

149.0080, -15.2869, 49.9820

Monochromacy



Original Color

147.2070, -27.2171, 49.8075

Achromatopsia

147.0000, 0.0000, 0.0000

Achromatomaly

146.8900, -9.8058, 18.5135

CSS Examples

Text

The CSS property to change the color of the text to YUV 147.2070, -27.2171, 49.8075 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(204, 129, 92)` looks like.

```
.text, #text, p{  
    color:rgb(204, 129, 92)  
}
```

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(204, 129, 92) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 129, 92) }
```

Border

The CSS property to change the border of an element to YUV 147.2070, -27.2171, 49.8075 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(204, 129, 92) }
```


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

```
.border{ border-color:rgb(204, 129, 92) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 129, 92)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 129, 92); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 129, 92);  
box-shadow:4px 4px 4px 4px rgb(204, 129,  
92) }
```

Background

The CSS property to change the background color of an element to YUV 147.2070, -27.2171, 49.8075 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 129, 92) }
```

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

```
.background{ background-color: rgb(204,  
129, 92) }
```

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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