

Converting Colors

YUV(131.6970, -30.4166,
49.3777)

Have a look what the booklet for
YUV(131.6970, -30.4166, 49.3777)
contains.

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Color

**YUV(131.6970, -30.4166,
49.3777)**

Conversions

Conversions Part 1

Format	Color
Hex	BC7346
RGB	188, 115, 70
RGB Percent	74%, 45%, 27%
CMY	0.2627, 0.5490, 0.7255
CMYK	0.00, 0.39, 0.63, 0.26
HSL	23°, 47%, 51%
HSV	23°, 63%, 74%
XYZ	27.9753, 23.3950, 8.8356
YIQ	131.6970, 57.9530, 1.4810

Conversions

Conversions Part 2

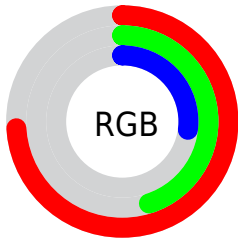
Format	Color
RYB	188, 143, 70
Decimal	12350278
CIELab	55.48, 24.50, 36.65
CIELCh	55, 44.086, 56.232
Yxy	23.3950, 0.4647, 0.3886
Android (android.graphics.Color)	4290540358 (0xFFBC7346)
YUV	131.6970, -30.4166, 49.3777
Hunter-Lab	48.3684, 18.5959, 23.0272

Details

The YUV color **131.6970, -30.4166, 49.3777** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **126.3030, 30.4166, -49.3777**, and the grayscale version is **132.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **185.8610, -32.4695, 54.4959**, and **80.3480, -27.7796, 43.5448** is the 20% darker color. If you saturate the color by 10%, you get **122.4870, -35.2431, 57.4549**, and if you desaturate by 10%, it is **140.9070, -25.5902, 41.3006**.

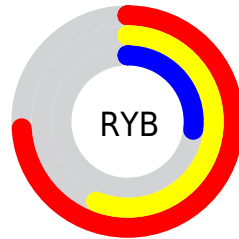
Distribution



Red (74%)

Green (45%)

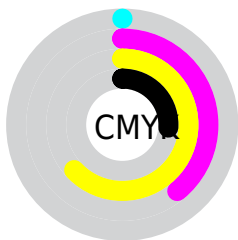
Blue (27%)



Red (74%)

Yellow (56%)

Blue (27%)

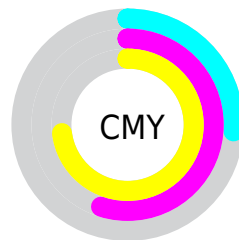


Cyan (0%)

Magenta (39%)

Yellow (63%)

Black (26%)



Cyan (26%)

Magenta (55%)

Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the YUV color 131.6970, -30.4166, 49.3777 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 131.6970, -30.4166, 49.3777 by changing the saturation by 10% instead.

■ 131.6970,
-30.4166, 49.3777

■ 131.6970,
-30.4166, 49.3777

■ 255.0000, 0.0000,
0.0000

■ 105.7290,
-28.9534, 46.7187

■ 185.8610,
-32.4695, 54.4959

■ 80.3480, -27.7796,
43.5448

■ 207.3540,
-30.2475, 41.7855

■ 55.7390, -27.4793,
40.5709

■ 226.7540,
-26.9937, 24.7717

■ 34.1650, -16.8433,
35.8123

■ 246.9690,
-23.1557, 7.0432

■ 14.6510, -7.2229,
30.1241

■ 251.9220,
-11.7935, 2.6994

■ 3.8870, -1.9163,
7.9921

■ 0.0000, 0.0000,

0.0000

■ 131.6970,
-30.4166, 49.3777

■ 131.6970,
-30.4166, 49.3777

■ 122.4870,
-35.2431, 57.4549

■ 140.9070,
-25.5902, 41.3006

■ 113.8640,
-40.3590, 65.0173

■ 149.5300,
-20.4743, 33.7382

■ 104.7680,
-44.7486, 72.9945

■ 158.6260,
-16.0846, 25.7610

■ 98.4760, -48.5487,
78.5125

■ 167.8360,
-11.2581, 17.6838

■ 176.4590, -6.1423,
10.1215

■ 185.6690, -1.3158,
2.0443

■ 194.2920, 3.8000,
-5.5181

■ 203.3880, 8.1897,
-13.4953

■ 212.5980, 13.0162,
-21.5724

Harmonies

Analogous

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



132.6720, -15.6143, 61.6777



131.6970, -30.4166, 49.3777



129.4200, -37.1821, 25.9417

Triad

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



131.6970, -30.4166, 49.3777



103.7020, 11.4859, -90.9467



134.3760, 33.3386, -6.4688

Complementary

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



131.6970, -30.4166, 49.3777



126.3030, 30.4166, -49.3777

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.



117.3900, 45.1637, -66.1170



131.6970, -30.4166, 49.3777



108.0340, 28.0842, -94.7458

Square

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



131.6970, -30.4166, 49.3777



119.1480, -14.8630, -39.5948



108.6330, 43.0719, -95.2711



136.9590, 19.2472, 33.3620

Rectangle

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



131.6970, -30.4166, 49.3777



127.1680, -35.0858, 6.8687



108.6330, 43.0719, -95.2711



131.4880, 36.7344, -22.3530

Sweetspot

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



131.6970, -30.4166, 49.3777



222.6190, -12.1372, 19.6281



113.8320, 15.3658, 65.0453



108.8290, -7.3107, 11.5510



250.0000, 0.0000, 0.0000



122.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



131.6970, -30.4166, 49.3777



157.1060, -47.3803, 77.0830



165.1560, -46.9119, 20.0342



90.0390, -2.4842, 3.4738



82.4620, -40.6538, 66.2468



16.3130, -8.0423, 12.8805

Inverse Universe

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



126.3030, 30.4166, -49.3777



148.8940, 47.3803, -77.0830



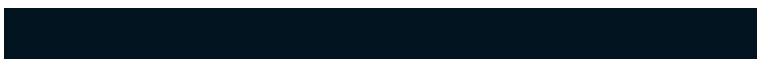
92.8440, 46.9119, -20.0342



89.5480, 2.1948, -3.9886



75.5380, 40.6538, -66.2468



14.6870, 8.0423, -12.8805

Previews

White Background



This preview shows how the YUV color 131.6970, -30.4166, 49.3777 looks on a white background.

Color Contrast Check

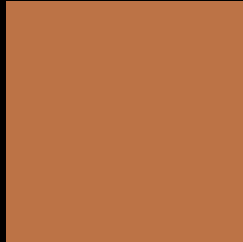
Large Text (above 18pt) WCAG AA ✓ Pass

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 131.6970, -30.4166, 49.3777 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 131.6970, -30.4166, 49.3777

Background



This preview shows how black text looks on a background with the YUV color 131.6970, -30.4166, 49.3777.



This preview shows how white text looks on a background with the YUV color 131.6970, -30.4166,

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

131.6970, -30.4166, 49.3777

Protanopia

130.3890, -26.8138, 13.6908

Deuteranopia

131.2230, -31.6619, 28.7454



Tritanopia

134.4300, -8.5930, 49.6119

Trichromacy



Original Color

131.6970, -30.4166, 49.3777

Protanomaly

130.5370, -27.8727, 26.7161

Deuteranomaly

131.6800, -31.3942, 36.2376

Tritanomaly

133.3670, -16.4499, 49.6671

Monochromacy



Original Color

131.6970, -30.4166, 49.3777

Achromatopsia

132.0000, 0.0000, 0.0000

Achromatomaly

131.8360, -11.2581, 17.6838

CSS Examples

Text

The CSS property to change the color of the text to YUV 131.6970, -30.4166, 49.3777 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(188, 115, 70)` looks like.

```
.text, #text, p{  
    color:rgb(188, 115, 70)  
}
```

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(188, 115, 70) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 115, 70) }
```

Border

The CSS property to change the border of an element to YUV 131.6970, -30.4166, 49.3777 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(188, 115, 70) }
```


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

```
.border{ border-color:rgb(188, 115, 70) }
```

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

Here you see how a box with a 4 pixel `rgb(188, 115, 70)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 115, 70); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 115, 70);  
box-shadow:4px 4px 4px 4px rgb(188, 115,  
70) }
```

Background

The CSS property to change the background color of an element to YUV 131.6970, -30.4166, 49.3777 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 115, 70) }
```

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

```
.background{ background-color: rgb(188,  
115, 70) }
```

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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