

Converting Colors

YUV(161.2070, -30.6681,
36.6525)

Have a look what the booklet for
YUV(161.2070, -30.6681, 36.6525)
contains.

YUV(161.2070, -30.6681, 36.6525)	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(161.2070, -30.6681,
36.6525)**

Conversions

Conversions Part 1

Format	Color
Hex	CB9863
RGB	203, 152, 99
RGB Percent	80%, 60%, 39%
CMY	0.2039, 0.4039, 0.6118
CMYK	0.00, 0.25, 0.51, 0.20
HSL	31°, 50%, 59%
HSV	31°, 51%, 80%
XYZ	38.1090, 36.0538, 16.7549
YIQ	161.2070, 47.4090, -5.6710

Conversions

Conversions Part 2

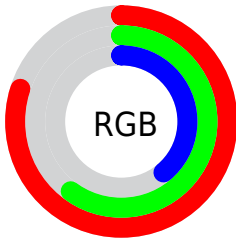
Format	Color
RYB	199, 203, 99
Decimal	13342819
CIELab	66.56, 12.83, 35.17
CIElCh	67, 37.438, 69.963
Yxy	36.0538, 0.4192, 0.3966
Android (android.graphics.Color)	4291532899 (0xFFCB9863)
YUV	161.2070, -30.6681, 36.6525
Hunter-Lab	60.0448, 8.2110, 25.4871

Details

The YUV color **161.2070, -30.6681, 36.6525** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **140.7930, 30.6681, -36.6525**, and the grayscale version is **161.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **214.3810, -31.2468, 35.6229**, and **108.7550, -28.4732, 32.6639** is the 20% darker color. If you saturate the color by 10%, you get **153.0570, -36.5101, 43.8000**, and if you desaturate by 10%, it is **169.3570, -24.8260, 29.5049**.

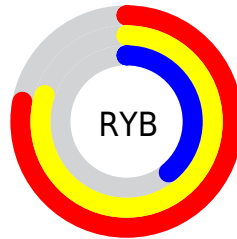
Distribution



Red (80%)

Green (60%)

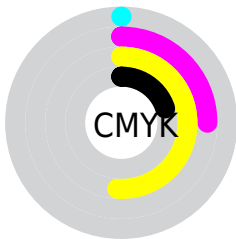
Blue (39%)



Red (78%)

Yellow (80%)

Blue (39%)

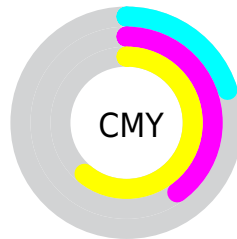


Cyan (0%)

Magenta (25%)

Yellow (51%)

Black (20%)



Cyan (20%)

Magenta (40%)

Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the YUV color 161.2070, -30.6681, 36.6525 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 161.2070, -30.6681, 36.6525 by changing the saturation by 10% instead.

■ 161.2070,
-30.6681, 36.6525

■ 161.2070,
-30.6681, 36.6525

■ 255.0000, 0.0000,
0.0000

■ 134.4240,
-29.7890, 34.7082

■ 214.3810,
-31.2468, 35.6229

■ 108.7550,
-28.4732, 32.6639

■ 233.8950,
-27.5562, 18.5091

■ 83.9720, -27.5942,
30.7196

■ 249.3000,
-21.8399, 4.9989

■ 59.5480, -27.8782,
28.4604

■ 252.6060, -9.1728,
2.0995

■ 39.1050, -19.2788,
23.5869

■ 19.3030, -9.5164,
19.0283

■ 0.0000, 0.0000,

0.0000

■ 161.2070,
-30.6681, 36.6525

■ 161.2070,
-30.6681, 36.6525

■ 153.0570,
-36.5101, 43.8000

■ 169.3570,
-24.8260, 29.5049

■ 144.7930,
-42.7889, 51.0475

■ 177.6210,
-18.5472, 22.2574

■ 136.6430,
-48.6310, 58.1951

■ 185.7710,
-12.7051, 15.1098

■ 128.4930,
-54.4730, 65.3426

■ 193.9210, -6.8631,
7.9623

■ 121.1580,
-59.7309, 71.7754

■ 202.1850, -0.5842,
0.7148

■ 210.3350, 5.2578,
-6.4328

■ 218.4850, 11.0999,
-13.5803

■ 225.9510, 14.3212,
-20.1280

■ 231.8210, 11.4272,
-25.2760

Harmonies

Analogous

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



163.1240, -21.2601, 52.5113



161.2070, -30.6681, 36.6525



158.2380, -31.1763, 12.9463

Triad

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



161.2070, -30.6681, 36.6525



137.5270, 16.9952, -84.6542



165.6790, 23.8223, 12.5595

Complementary

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



161.2070, -30.6681, 36.6525



140.7930, 30.6681, -36.6525

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.



159.6680, 33.6877, -25.1418



161.2070, -30.6681, 36.6525



127.7420, 37.5952, -112.0297

Square

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



161.2070, -30.6681, 36.6525



148.3240, -5.0897, -47.6421



147.4300, 37.7490, -67.9061



166.4840, 9.6214, 40.7945

Rectangle

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



161.2070, -30.6681, 36.6525



155.9690, -26.6067, -6.1118



147.4300, 37.7490, -67.9061



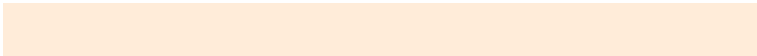
164.2260, 27.4966, 0.6788

Sweetspot

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



161.2070, -30.6681, 36.6525



239.5150, -11.0999, 13.5803



136.0240, 7.3832, 58.7380



118.3340, -6.5737, 8.4771



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.



161.2070, -30.6681, 36.6525



192.6040, -46.1468, 54.7213



191.1440, -45.4270, 10.3977



97.9250, -2.9210, 3.5738



98.9420, -48.7784, 58.8099



22.5150, -11.0999, 13.5803

Inverse Universe

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



140.7930, 30.6681, -36.6525



161.9830, 45.8574, -55.2361



110.8560, 45.4270, -10.3977



96.0750, 2.9210, -3.5738



66.4710, 49.0678, -58.2951



15.4850, 11.0999, -13.5803

Previews

White Background



This preview shows how the YUV color 161.2070, -30.6681, 36.6525 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 161.2070, -30.6681, 36.6525 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

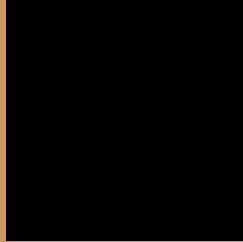
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 161.2070, -30.6681, 36.6525

Background



This preview shows how black text looks on a background with the YUV color 161.2070, -30.6681, 36.6525.



This preview shows how white text looks on a background with the YUV color 161.2070, -30.6681,

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

161.2070, -30.6681, 36.6525

Protanopia

159.7590, -27.9822, 15.1204

Deuteranopia

161.0600, -31.0886, 31.5194



Tritanopia

165.0910, -4.4819, 37.6312

Trichromacy



Original Color

161.2070, -30.6681, 36.6525

Protanomaly

159.9880, -28.5881, 22.8125

Deuteranomaly

161.0710, -31.0940, 33.2637

Tritanomaly

163.8600, -14.2280, 36.9568

Monochromacy



Original Color

161.2070, -30.6681, 36.6525

Achromatopsia

161.0000, 0.0000, 0.0000

Achromatomaly

161.1020, -11.3893, 13.0655

CSS Examples

Text

The CSS property to change the color of the text to YUV 161.2070, -30.6681, 36.6525 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(203, 152, 99)` looks like.

```
.text, #text, p{  
    color:rgb(203, 152, 99)  
}
```

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(203, 152, 99) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 152, 99) }
```

Border

The CSS property to change the border of an element to YUV 161.2070, -30.6681, 36.6525 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(203, 152, 99) }
```


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

```
.border{ border-color:rgb(203, 152, 99) }
```

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

Here you see how a box with a 4 pixel `rgb(203, 152, 99)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 152, 99); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 152, 99);  
box-shadow:4px 4px 4px 4px rgb(203, 152,  
99) }
```

Background

The CSS property to change the background color of an element to YUV 161.2070, -30.6681, 36.6525 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 152, 99) }
```

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

```
.background{ background-color: rgb(203,  
152, 99) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor