

# Converting Colors

YUV(167.1340, -26.6881,  
20.0535)

Have a look what the booklet for  
YUV(167.1340, -26.6881, 20.0535)  
contains.

<b>YUV(167.1340, -26.6881, 20.0535)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	12
<b><i>Previews</i></b> .....	24
<b><i>Color Blindness Simulation</i></b> .....	28
<b><i>CSS Examples</i></b> .....	31

# Color

**YUV(167.1340, -26.6881,  
20.0535)**

# Conversions

## Conversions Part 1

Format	Color
Hex	BEA671
RGB	190, 166, 113
RGB Percent	75%, 65%, 44%
CMY	0.2549, 0.3490, 0.5569
CMYK	0.00, 0.13, 0.41, 0.25
HSL	41°, 37%, 59%
HSV	41°, 41%, 75%
XYZ	37.8521, 39.4118, 21.2350
YIQ	167.1340, 31.3170, -11.3950

# Conversions

## Conversions Part 2

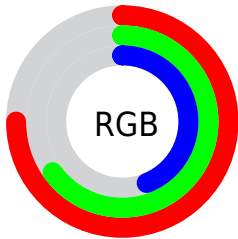
<b>Format</b>	<b>Color</b>
<b>RYB</b>	148, 190, 113
Decimal	12494449
CIELab	69.05, 1.28, 30.65
CIELCh	69, 30.679, 87.618
Yxy	39.4118, 0.3843, 0.4001
Android (android.graphics.Color)	4290684529 (0xFFBEA671)
YUV	167.1340, -26.6881, 20.0535
Hunter-Lab	62.7789, -2.2377, 23.8903

# Details

The YUV color **167.1340, -26.6881, 20.0535** is a light color, and the websafe version is hex **999966**. A complement of this color would be **135.8660, 26.6881, -20.0535**, and the grayscale version is **167.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **222.3900, -28.2933, 21.5830**, and **114.5790, -24.9354, 17.9092** is the 20% darker color. If you saturate the color by 10%, you get **161.4460, -33.2509, 25.0419**, and if you desaturate by 10%, it is **172.8220, -20.1252, 15.0651**.

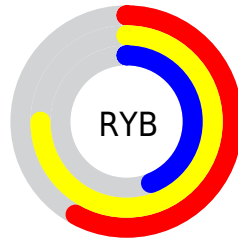
# Distribution



Red (75%)

Green (65%)

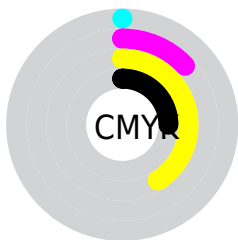
Blue (44%)



Red (58%)

Yellow (75%)

Blue (44%)

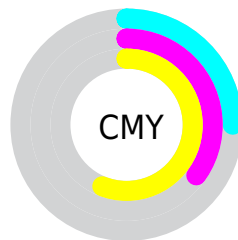


Cyan (0%)

Magenta (13%)

Yellow (41%)

Black (25%)



Cyan (25%)

Magenta (35%)

Yellow (56%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 167.1340, -26.6881, 20.0535 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 167.1340, -26.6881, 20.0535 by changing the saturation by 10% instead.



■ 167.1340,  
-26.6881, 20.0535

■ 167.1340,  
-26.6881, 20.0535

255.0000, 0.0000,  
0.0000

■ 140.6500,  
-25.9565, 18.7239

■ 222.3900,  
-28.2933, 21.5830

■ 114.5790,  
-24.9354, 17.9092

■ 244.4100,  
-25.3451, 9.2874

■ 90.0950, -24.2038,  
16.5797

■ 251.1240,  
-14.8511, 3.3993

■ 66.1980, -23.7616,  
14.7354

■ 254.3160, -2.6208,  
0.5999

■ 44.0560, -21.7196,  
13.1059

■ 24.5530, -12.1046,  
9.1620

■ 0.0000, 0.0000,

0.0000

■ 167.1340,  
-26.6881, 20.0535

■ 167.1340,  
-26.6881, 20.0535

■ 161.4460,  
-33.2509, 25.0419

■ 172.8220,  
-20.1252, 15.0651

■ 155.7580,  
-39.8137, 30.0302

■ 178.5100,  
-13.5624, 10.0767

■ 150.0700,  
-46.3765, 35.0186

■ 184.1980, -6.9996,  
5.0884

■ 144.3820,  
-52.9393, 40.0070

■ 189.8860, -0.4368,  
0.1000

■ 138.6940,  
-59.5021, 44.9954

■ 195.5740, 6.1260,  
-4.8884

■ 133.7070,  
-65.9176, 49.3690

■ 201.2620, 12.6888,  
-9.8768

■ 206.3630, 19.5410,  
-14.3504

■ 210.9110, 21.7359,  
-18.3389

■ 214.4330, 19.9995,  
-21.4277

# Harmonies

## Analogous

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



169.5690, -22.9585, 37.2120



167.1340, -26.6881, 20.0535



164.4300, -22.3970, -3.0081

# Triad

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



167.1340, -26.6881, 20.0535



152.4460, 19.9931, -66.1661



172.8950, 12.8698, 25.5251

# Complementary

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



167.1340, -26.6881, 20.0535



135.8660, 26.6881, -20.0535

# 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.



170.4770, 23.4288, -1.2953



167.1340, -26.6881, 20.0535



156.7920, 28.6965, -57.6996

# Square

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



167.1340, -26.6881, 20.0535



155.8210, 4.5252, -51.5860



164.7720, 29.1994, -32.2490



172.2640, -0.1302, 41.8645



# Rectangle

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



167.1340, -26.6881, 20.0535



161.7530, -15.6542, -19.0774



164.7720, 29.1994, -32.2490



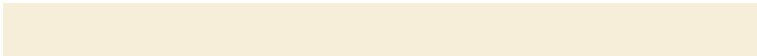
172.4640, 16.5332, 17.1331

# Sweetspot

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



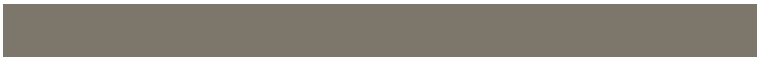
167.1340, -26.6881, 20.0535



238.4110, -10.0626, 7.5326



138.7590, -0.8672, 44.9384



119.4260, -6.1260, 4.8884



252.0000, 0.0000, 0.0000



125.0000, 0.0000, 0.0000



# Same Dimension

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



167.1340, -26.6881, 20.0535



211.4870, -42.1451, 31.1449



177.0360, -31.5697, -0.9086



91.2130, -3.0630, 2.4442



111.2250, -54.8339, 41.0217



21.5960, -10.6468, 8.2473



# Inverse Universe

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



135.8660, 26.6881, -20.0535



162.1000, 41.8557, -31.6597



125.9640, 31.5697, 0.9086



87.7870, 3.0630, -2.4442



46.7750, 54.8339, -41.0217

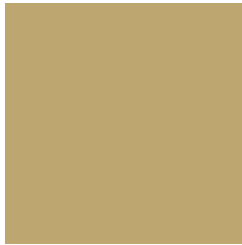


9.4040, 10.6468, -8.2473



# Previews

## White Background



This preview shows how the YUV color 167.1340, -26.6881, 20.0535 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

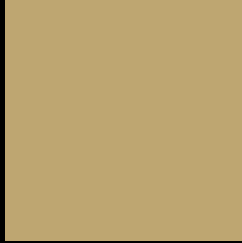
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 167.1340, -26.6881, 20.0535 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 167.1340, -26.6881, 20.0535

## Background



This preview shows how black text looks on a background with the YUV color 167.1340, -26.6881, 20.0535.



This preview shows how white text looks on a background with the YUV color 167.1340, -26.6881,



# 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

167.1340, -26.6881, 20.0535

### Protanopia

166.9160, -26.0876, 14.1057

### Deuteranopia

167.9010, -26.5732, 29.9048



## Tritanopia

171.4310, -0.2125, 21.5470

# Trichromacy



## Original Color

167.1340, -26.6881, 20.0535

## Protanomaly

167.2260, -26.2404, 16.4648

## Deuteranomaly

167.8790, -26.5623, 26.4161

## Tritanomaly

170.2000, -9.9586, 20.8726

# Monochromacy



## Original Color

167.1340, -26.6881, 20.0535

## Achromatopsia

167.0000, 0.0000, 0.0000

## Achromatomaly

167.1120, -9.9152, 6.9178

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 167.1340, -26.6881, 20.0535 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(190, 166, 113)` looks like.

```
.text, #text, p{  
    color:rgb(190, 166, 113)  
}
```

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(190, 166, 113) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 166, 113) }
```

## Border

The CSS property to change the border of an element to YUV 167.1340, -26.6881, 20.0535 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(190, 166, 113) }
```



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

```
.border{ border-color:rgb(190, 166, 113) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 166, 113)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 166, 113); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 166, 113);  
box-shadow:4px 4px 4px 4px rgb(190, 166,  
113) }
```

# Background

The CSS property to change the background color of an element to YUV 167.1340, -26.6881, 20.0535 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 166, 113) }
```

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

```
.background{ background-color: rgb(190,  
166, 113) }
```

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