

# Converting Colors

YUV(142.1760, -16.8488,  
37.5566)

Have a look what the booklet for  
YUV(142.1760, -16.8488, 37.5566)  
contains.

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# Color

**YUV(142.1760, -16.8488,  
37.5566)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	B97F6C
RGB	185, 127, 108
RGB Percent	73%, 50%, 42%
CMY	0.2745, 0.5020, 0.5765
CMYK	0.00, 0.31, 0.42, 0.27
HSL	15°, 35%, 57%
HSV	15°, 42%, 73%
XYZ	30.3037, 26.5757, 17.7198
YIQ	142.1760, 40.6670, 6.3870

# Conversions

## Conversions Part 2

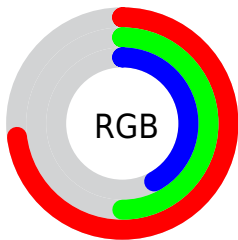
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	185, 133, 108
Decimal	12156780
CIE <sub>Lab</sub>	58.58, 20.11, 19.39
CIE <sub>LCh</sub>	59, 27.940, 43.953
Yxy	26.5757, 0.4062, 0.3562
Android (android.graphics.Color)	4290346860 (0xFFB97F6C)
YUV	142.1760, -16.8488, 37.5566
Hunter-Lab	51.5517, 14.7126, 15.7065

# Details

The YUV color **142.1760, -16.8488, 37.5566** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **150.8240, 16.8488, -37.5566**, and the grayscale version is **142.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **196.5570, -18.0226, 40.7305**, and **90.9090, -15.2381, 34.2828** is the 20% darker color. If you saturate the color by 10%, you get **131.9060, -20.6597, 46.5634**, and if you desaturate by 10%, it is **152.5600, -12.6011, 28.4499**.

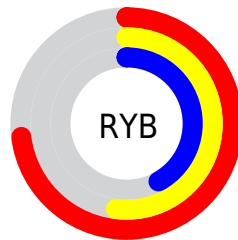
# Distribution



Red (73%)

Green (50%)

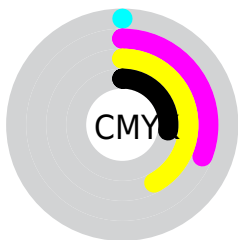
Blue (42%)



Red (73%)

Yellow (52%)

Blue (42%)

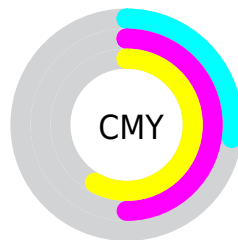


Cyan (0%)

Magenta (31%)

Yellow (42%)

Black (27%)



Cyan (27%)

Magenta (50%)

Yellow (58%)


# Brightness & Saturation Gradients

These gradients show how the YUV color 142.1760, -16.8488, 37.5566 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 142.1760, -16.8488, 37.5566 by changing the saturation by 10% instead.




 142.1760,  
-16.8488, 37.5566


 142.1760,  
-16.8488, 37.5566


255.0000, 0.0000,  
0.0000


 116.3930,  
-15.9697, 35.6123


 196.5570,  
-18.0226, 40.7305


 90.9090, -15.2381,  
34.2828


 219.6590,  
-16.1009, 30.9941


 66.8270, -14.2117,  
31.7237

 239.1730,  
-12.4103, 13.8803

 43.8590, -12.7485,  
29.0647

 253.6320, -5.2416,  
1.1997

 21.4180, -10.5591,  
26.8204

 8.1870, -3.5432,  
16.4990

 0.0000, 0.0000,

0.0000

■ 142.1760,  
-16.8488, 37.5566

■ 142.1760,  
-16.8488, 37.5566

■ 131.9060,  
-20.6597, 46.5634

■ 152.5600,  
-12.6011, 28.4499

■ 121.5220,  
-24.9073, 55.6702

■ 162.8300, -8.7902,  
19.4431

■ 111.2520,  
-28.7182, 64.6770

■ 173.1000, -4.9793,  
10.4363

■ 100.8680,  
-32.9659, 73.7838

■ 183.4840, -0.7316,  
1.3295

■ 90.5980, -36.7768,  
82.7906

■ 193.8680, 3.5161,  
-7.7772

■ 82.3170, -40.5823,  
90.0530

■ 204.1380, 7.3270,  
-16.7840

■ 214.4080, 11.1379,  
-25.7908

■ 224.0910, 15.2381,  
-34.2828

■ 232.3090, 11.1867,  
-41.4900

# Harmonies

## Analogous

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



143.8310, -6.8187, 40.4902



142.1760, -16.8488, 37.5566



140.4920, -22.9206, 25.0015

# Triad

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



142.1760, -16.8488, 37.5566



131.1990, -2.0701, -36.1315



140.4000, 23.4668, -13.5058

# Complementary

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



142.1760, -16.8488, 37.5566



150.8240, 16.8488, -37.5566

# 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.



133.9190, 26.1689, -40.2710



142.1760, -16.8488, 37.5566



126.8620, 12.3930, -55.1300

# Square

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



142.1760, -16.8488, 37.5566



135.0140, -14.7969, -14.0443



127.0000, 23.1710, -58.7590



144.2030, 15.6759, 12.1000



# Rectangle

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



142.1760, -16.8488, 37.5566



139.0130, -23.1774, 14.0206



127.0000, 23.1710, -58.7590



138.6870, 24.8043, -22.5275

# Sweetspot

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



142.1760, -16.8488, 37.5566



223.7800, -6.3005, 14.2249



137.7490, 14.4207, 41.4391



110.4310, -3.6635, 8.3920



247.0000, 0.0000, 0.0000



120.0000, 0.0000, 0.0000



# Same Dimension

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



142.1760, -16.8488, 37.5566



172.9030, -26.0812, 58.8441



163.8950, -27.5562, 18.5091



86.8650, -1.9054, 4.5034



68.9500, -33.9923, 76.3429



12.4810, -6.1531, 13.6102



# Inverse Universe

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



150.8240, 16.8488, -37.5566



186.5100, 26.3706, -58.3293



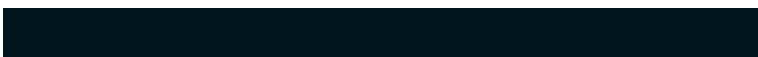
129.1050, 27.5562, -18.5091



88.1350, 1.9054, -4.5034



86.4630, 34.2817, -75.8281



15.5190, 6.1531, -13.6102



# Previews

## White Background



This preview shows how the YUV color 142.1760, -16.8488, 37.5566 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

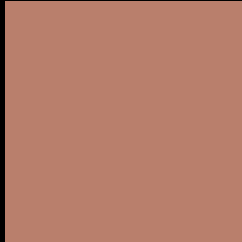
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 142.1760, -16.8488, 37.5566 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

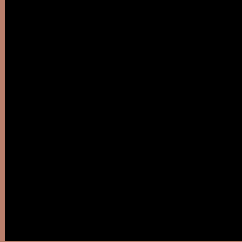
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

# YUV 142.1760, -16.8488, 37.5566

## Background



This preview shows how black text looks on a background with the YUV color 142.1760, -16.8488, 37.5566.



This preview shows how white text looks on a background with the YUV color 142.1760, -16.8488,

37.5566.

# 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

142.1760, -16.8488, 37.5566

### Protanopia

140.6130, -13.1202, 8.2324

### Deuteranopia

140.9630, -17.2368, 21.9574



## Tritanopia

143.2760, -5.0661, 38.3459

# Trichromacy



## Original Color

142.1760, -16.8488, 37.5566

## Protanomaly

141.3370, -14.4631, 18.9985

## Deuteranomaly

141.4090, -16.9636, 27.7053

## Tritanomaly

142.5380, -9.1392, 38.1162

# Monochromacy



## Original Color

142.1760, -16.8488, 37.5566

## Achromatopsia

142.0000, 0.0000, 0.0000

## Achromatomaly

142.4810, -6.1531, 13.6102

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 142.1760, -16.8488, 37.5566 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(185, 127, 108)` looks like.

```
.text, #text, p{  
    color:rgb(185, 127, 108)  
}
```

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(185, 127, 108) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 127, 108) }
```

## Border

The CSS property to change the border of an element to YUV 142.1760, -16.8488, 37.5566 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(185, 127, 108) }
```



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

```
.border{ border-color:rgb(185, 127, 108) }
```

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

Here you see how a box with a 4 pixel `rgb(185, 127, 108)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 127, 108); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 127, 108);  
box-shadow:4px 4px 4px 4px rgb(185, 127,  
108) }
```

# Background

The CSS property to change the background color of an element to YUV 142.1760, -16.8488, 37.5566 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 127, 108) }
```

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

```
.background{ background-color: rgb(185,  
127, 108) }
```

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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