

# Converting Colors

YUV(136.8180, -17.1653,  
45.7636)

Have a look what the booklet for  
YUV(136.8180, -17.1653, 45.7636)  
contains.

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# Color

**YUV(136.8180, -17.1653,  
45.7636)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	BD7566
RGB	189, 117, 102
RGB Percent	74%, 46%, 40%
CMY	0.2588, 0.5412, 0.6000
CMYK	0.00, 0.38, 0.46, 0.26
HSL	10°, 40%, 57%
HSV	10°, 46%, 74%
XYZ	29.7458, 24.5007, 15.7317
YIQ	136.8180, 47.7270, 10.5990

# Conversions

## Conversions Part 2

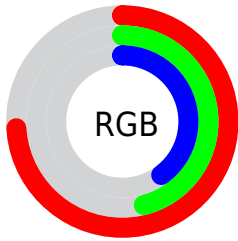
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	189, 120, 102
Decimal	12416358
CIE <sub>Lab</sub>	56.59, 26.60, 20.20
CIE <sub>LCh</sub>	57, 33.400, 37.215
Yxy	24.5007, 0.4251, 0.3501
Android (android.graphics.Color)	4290606438 (0xFFBD7566)
YUV	136.8180, -17.1653, 45.7636
Hunter-Lab	49.4982, 20.6474, 15.8050

# Details

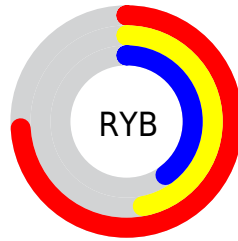
The YUV color **136.8180, -17.1653, 45.7636** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **154.1820, 17.1653, -45.7636**, and the grayscale version is **137.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **191.3840, -18.9233, 49.6522**, and **85.9530, -15.2598, 41.2602** is the 20% darker color. If you saturate the color by 10%, you get **125.2600, -20.8342, 55.9000**, and if you desaturate by 10%, it is **148.3760, -13.4964, 35.6272**.

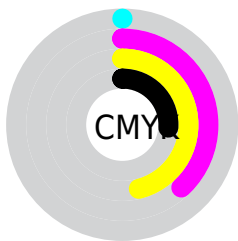
# Distribution



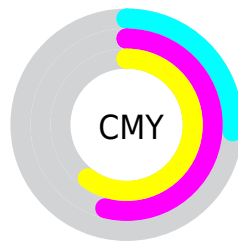
- Red (74%)
- Green (46%)
- Blue (40%)



- Red (74%)
- Yellow (47%)
- Blue (40%)



- Cyan (0%)
- Magenta (38%)
- Yellow (46%)
- Black (26%)



- Cyan (26%)
- Magenta (54%)
- Yellow (60%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 136.8180, -17.1653, 45.7636 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 136.8180, -17.1653, 45.7636 by changing the saturation by 10% instead.



■ 136.8180,  
-17.1653, 45.7636

■ 136.8180,  
-17.1653, 45.7636

■ 255.0000, 0.0000,  
0.0000

■ 111.0350,  
-16.2863, 43.8193

■ 191.3840,  
-18.9233, 49.6522

■ 85.9530, -15.2598,  
41.2602

■ 212.4040,  
-15.9752, 37.3567

■ 60.9850, -13.7966,  
38.6012

■ 231.9180,  
-12.2846, 20.2429

■ 37.3160, -12.4808,  
36.5569

■ 252.2470, -8.0098,  
2.4144

■ 15.8470, -7.8126,  
32.5832

■ 7.2900, -3.1010,  
14.6547

■ 0.0000, 0.0000,

0.0000

■ 136.8180,  
-17.1653, 45.7636

■ 136.8180,  
-17.1653, 45.7636

■ 125.2600,  
-20.8342, 55.9000

■ 148.3760,  
-13.4964, 35.6272

■ 114.2890,  
-24.7925, 65.5215

■ 159.3470, -9.5381,  
26.0057

■ 102.7310,  
-28.4614, 75.6579

■ 170.9050, -5.8692,  
15.8693

■ 91.1730, -32.1303,  
85.7943

■ 182.4630, -2.2003,  
5.7329

■ 80.3160, -35.6518,  
95.3159

■ 193.4340, 1.7580,  
-3.8886

■ 75.8820, -37.4098,  
99.2045

■ 204.8780, 4.9901,  
-13.9250

■ 215.8490, 8.9484,  
-23.5466

■ 227.4070, 12.6173,  
-33.6829

■ 235.2660, 9.7289,  
-40.5753

# Harmonies

## Analogous

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



138.2600, -4.0722, 46.2530



136.8180, -17.1653, 45.7636



135.1510, -25.7104, 33.1936

# Triad

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



136.8180, -17.1653, 45.7636



124.1510, -5.9904, -38.7204



132.9300, 29.6145, -25.3716

# Complementary

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



136.8180, -17.1653, 45.7636



154.1820, 17.1653, -45.7636

# 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.



121.3120, 33.3702, -63.4176



136.8180, -17.1653, 45.7636



114.9910, 13.3154, -71.0291

# Square

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



136.8180, -17.1653, 45.7636



129.2440, -20.3333, -11.6150



107.4300, 30.8470, -94.2161



138.9620, 21.2177, 7.9263



# Rectangle

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



136.8180, -17.1653, 45.7636



133.7920, -27.9985, 20.3534



107.4300, 30.8470, -94.2161



129.6080, 31.2523, -37.3672

# Sweetspot

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



136.8180, -17.1653, 45.7636



224.1010, -6.4588, 18.3284



136.2210, 18.6250, 46.2872



109.7410, -3.8163, 10.7511



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.



136.8180, -17.1653, 45.7636



163.8660, -26.5559, 71.1545



162.0590, -29.6091, 23.6273



88.8650, -1.9054, 4.5034



63.0910, -31.1039, 83.2352



12.2040, -6.0166, 16.4841



# Inverse Universe

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



154.1820, 17.1653, -45.7636



191.1340, 26.5559, -71.1545



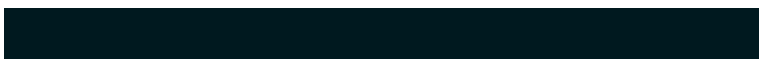
128.9410, 29.6091, -23.6273



90.7220, 1.6161, -5.0182



94.9090, 31.1039, -83.2352



18.2090, 6.3060, -15.9693



# Previews

## White Background



This preview shows how the YUV color 136.8180, -17.1653, 45.7636 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 136.8180, -17.1653, 45.7636 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 136.8180, -17.1653, 45.7636

## Background



This preview shows how black text looks on a background with the YUV color 136.8180, -17.1653, 45.7636.



This preview shows how white text looks on a background with the YUV color 136.8180, -17.1653,

45.7636.

# 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

136.8180, -17.1653, 45.7636

### Protanopia

135.5420, -12.0992, 7.4177

### Deuteranopia

135.8490, -17.6736, 22.0574



## Tritanopia

138.0490, -7.4192, 46.4380

# Trichromacy



## Original Color

136.8180, -17.1653, 45.7636

## Protanomaly

135.8750, -13.7424, 21.1576

## Deuteranomaly

136.0180, -17.2639, 30.6792

## Tritanomaly

137.4250, -11.0555, 46.1083

# Monochromacy



## Original Color

136.8180, -17.1653, 45.7636

## Achromatopsia

137.0000, 0.0000, 0.0000

## Achromatomaly

137.0900, -6.4534, 16.5841

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 136.8180, -17.1653, 45.7636 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(189, 117, 102)` looks like.

```
.text, #text, p{  
    color:rgb(189, 117, 102)  
}
```

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(189, 117, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 117, 102) }
```

## Border

The CSS property to change the border of an element to YUV 136.8180, -17.1653, 45.7636 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(189, 117, 102) }
```



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

```
.border{ border-color:rgb(189, 117, 102) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 117, 102)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 117, 102); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 117, 102);  
box-shadow:4px 4px 4px 4px rgb(189, 117,  
102) }
```

# Background

The CSS property to change the background color of an element to YUV 136.8180, -17.1653, 45.7636 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 117, 102) }
```

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

```
.background{ background-color: rgb(189,  
117, 102) }
```

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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