

Converting Colors

YUV(154.6690, -28.4308,
-27.7737)

Have a look what the booklet for
YUV(154.6690, -28.4308, -27.7737)
contains.

YUV(154.6690, -28.4308, -27.7737)	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(154.6690, -28.4308,
-27.7737)**

Conversions

Conversions Part 1

Format	Color
Hex	7BB661
RGB	123, 182, 97
RGB Percent	48%, 71%, 38%
CMY	0.5176, 0.2863, 0.6196
CMYK	0.32, 0.00, 0.47, 0.29
HSL	102°, 37%, 55%
HSV	102°, 47%, 71%
XYZ	27.0540, 38.5299, 17.3204
YIQ	154.6690, -7.8790, -38.9430

Conversions

Conversions Part 2

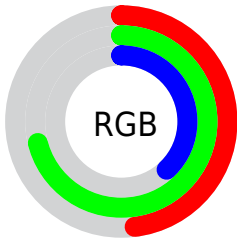
Format	Color
RYB	97, 182, 156
Decimal	8107617
CIELab	68.41, -34.93, 37.17
CIELCh	68, 51.005, 133.224
Yxy	38.5299, 0.3263, 0.4648
Android (android.graphics.Color)	4286297697 (0xFF7BB661)
YUV	154.6690, -28.4308, -27.7737
Hunter-Lab	62.0725, -30.8284, 26.9068

Details

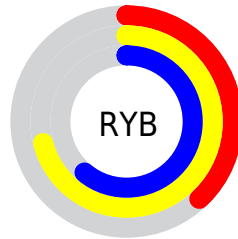
The YUV color **154.6690, -28.4308, -27.7737** is a dark color, and the websafe version is hex **99CC66**, and the color name is **bud green**. A complement of this color would be **124.3310, 28.4308, 27.7737**, and the grayscale version is **155.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **209.9140, -30.0306, -27.9886**, and **102.1250, -26.6836, -28.1736** is the 20% darker color. If you saturate the color by 10%, you get **148.7300, -34.3769, -33.9662**, and if you desaturate by 10%, it is **160.6080, -22.4847, -21.5812**.

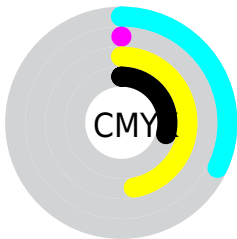
Distribution



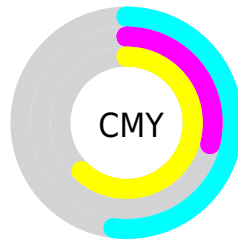
- Red (48%)
- Green (71%)
- Blue (38%)



- Red (38%)
- Yellow (71%)
- Blue (61%)



- Cyan (32%)
- Magenta (0%)
- Yellow (47%)
- Black (29%)



- Cyan (52%)
- Magenta (29%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the YUV color 154.6690, -28.4308, -27.7737 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 154.6690, -28.4308, -27.7737 by changing the saturation by 10% instead.

■ 154.6690,
-28.4308, -27.7737

■ 154.6690,
-28.4308, -27.7737

■ 255.0000, 0.0000,
0.0000

■ 127.8970,
-27.5572, -27.9737

■ 209.9140,
-30.0306, -27.9886

■ 102.1250,
-26.6836, -28.1736

■ 231.3430,
-27.2841, -22.2258

■ 76.2390, -26.2468,
-28.2736

■ 243.2060,
-19.3286, -7.1967

■ 50.2600, -24.7782,
-32.6770

■ 252.3780,
-10.0464, 2.2995

■ 32.2850, -15.9165,
-28.3139

■ 20.5450, -10.1287,
-18.0180

■ 0.0000, 0.0000,

0.0000

■ 154.6690,
-28.4308, -27.7737

■ 154.6690,
-28.4308, -27.7737

■ 148.7300,
-34.3769, -33.9662

■ 160.6080,
-22.4847, -21.5812

■ 143.0900,
-40.4704, -39.5439

■ 166.2480,
-16.3913, -16.0035

■ 137.0370,
-46.8532, -45.6364

■ 172.3010,
-10.0084, -9.9110

■ 131.0980,
-52.7993, -51.8289

■ 178.2400, -4.0623,
-3.7185

■ 125.4580,
-58.8928, -57.4067

■ 183.8800, 2.0312,
1.8592

■ 123.5780,
-60.9240, -59.2659

■ 189.8190, 7.9772,
8.0517

■ 195.4590, 14.0707,
13.6295

■ 201.5120, 20.4536,
19.7220

■ 206.7670, 23.7789,
26.5143

Harmonies

Analogous

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



160.7250, -43.2484, 11.6422



154.6690, -28.4308, -27.7737



139.6570, -0.3239, -83.0142

Triad

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



154.6690, -28.4308, -27.7737



134.1430, 59.5825, -117.6434



167.9540, -9.8373, 75.4623

Complementary

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



154.6690, -28.4308, -27.7737



124.3310, 28.4308, 27.7737

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.



170.5880, 12.0351, 59.9973



154.6690, -28.4308, -27.7737



163.5990, 45.0607, -32.9743

Square

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



154.6690, -28.4308, -27.7737



135.8750, 45.9106, -119.1624



171.8680, 30.6311, 22.0408



166.0460, -29.6027, 68.3657

Rectangle

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



154.6690, -28.4308, -27.7737



130.9100, 19.2714, -114.8081



171.8680, 30.6311, 22.0408



168.2940, -2.1169, 72.5332

Sweetspot

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



154.6690, -28.4308, -27.7737



226.3610, -11.0240, -10.8406



156.4610, -29.3143, 22.3977



113.4200, -7.1091, -6.5073



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.



154.6690, -28.4308, -27.7737



194.3300, -44.5327, -43.2624



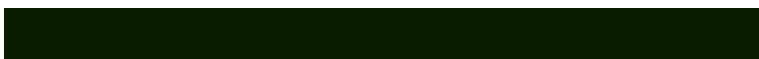
148.7190, -17.6095, -45.3576



88.8810, -2.8993, -3.4036



105.9240, -52.2205, -50.7993



19.1270, -9.4296, -8.8814

Inverse Universe

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



124.3310, 28.4308, 27.7737



146.9690, 44.3853, 43.8772



130.2810, 17.6095, 45.3576



85.8200, 3.0467, 2.7889



50.0760, 52.2205, 50.7993



8.8730, 9.4296, 8.8814

Previews

White Background



This preview shows how the YUV color 154.6690, -28.4308, -27.7737 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 154.6690, -28.4308, -27.7737 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

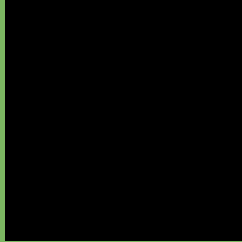
Any Text WCAG AA ✓ Pass

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 154.6690, -28.4308, -27.7737 Background



This preview shows how black text looks on a background with the YUV color 154.6690, -28.4308, -27.7737.



This preview shows how white text looks on a background with the YUV color 154.6690, -28.4308, -27.7737.

-27.7737.

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

154.6690, -28.4308, -27.7737

Protanopia

162.5330, -35.2658, 17.9496

Deuteranopia

165.1740, -30.6518, 31.4194



Tritanopia

163.4300, 11.1270, -22.3021

Trichromacy



Original Color

154.6690, -28.4308, -27.7737

Protanomaly

159.7050, -32.8856, 1.1357

Deuteranomaly

161.2700, -29.7131, 10.2872

Tritanomaly

160.6350, -3.2711, -24.2359

Monochromacy



Original Color

154.6690, -28.4308, -27.7737

Achromatopsia

155.0000, 0.0000, 0.0000

Achromatomaly

154.8880, -10.2978, -10.4258

CSS Examples

Text

The CSS property to change the color of the text to YUV 154.6690, -28.4308, -27.7737 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(123, 182, 97)` looks like.

```
.text, #text, p{  
    color:rgb(123, 182, 97)  
}
```

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(123, 182, 97) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(123, 182, 97) }
```

Border

The CSS property to change the border of an element to YUV 154.6690, -28.4308, -27.7737 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(123, 182, 97) }
```


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

```
.border{ border-color:rgb(123, 182, 97) }
```

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

Here you see how a box with a 4 pixel `rgb(123, 182, 97)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(123, 182, 97); -webkit-box-  
shadow:4px 4px 4px 4px rgb(123, 182, 97);  
box-shadow:4px 4px 4px 4px rgb(123, 182,  
97) }
```

Background

The CSS property to change the background color of an element to YUV 154.6690, -28.4308, -27.7737 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(123, 182, 97) }
```

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

```
.background{ background-color: rgb(123,  
182, 97) }
```

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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