

# Converting Colors

YUV(137.2630, -2.5947,  
-54.6047)

Have a look what the booklet for  
YUV(137.2630, -2.5947, -54.6047)  
contains.

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# Color

**YUV(137.2630, -2.5947,  
-54.6047)**

# Conversions

## Conversions Part 1

Format	Color
Hex	4BAA84
RGB	75, 170, 132
RGB Percent	29%, 67%, 52%
CMY	0.7059, 0.3333, 0.4824
CMYK	0.56, 0.00, 0.22, 0.33
HSL	156°, 39%, 48%
HSV	156°, 56%, 67%
XYZ	21.4412, 31.9112, 26.8592
YIQ	137.2630, -44.4220, -31.9580

# Conversions

## Conversions Part 2

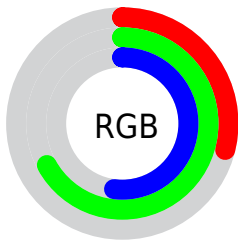
Format	Color
<a href="#">RYB</a>	<a href="#">75, 134, 170</a>
Decimal	<a href="#">4958852</a>
CIELab	<a href="#">63.27, -37.31, 11.24</a>
CIElCh	<a href="#">63, 38.961, 163.233</a>
Yxy	<a href="#">31.9112, 0.2673, 0.3978</a>
Android (android.graphics.Color)	<a href="#">4283148932 (0xFF4BAA84)</a>
YUV	<a href="#">137.2630, -2.5947, -54.6047</a>
Hunter-Lab	<a href="#">56.4900, -31.1065, 11.3525</a>

# Details

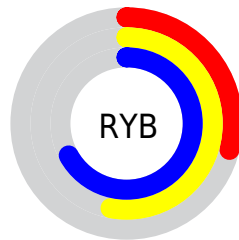
The YUV color **137.2630, -2.5947, -54.6047** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **107.7370, 2.5947, 54.6047**, and the grayscale version is **137.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **192.9210, -3.9051, -54.3047**, and **78.0270, 1.9587, -68.4297** is the 20% darker color. If you saturate the color by 10%, you get **131.3820, -3.1463, -64.3560**, and if you desaturate by 10%, it is **143.1440, -2.0430, -44.8533**.

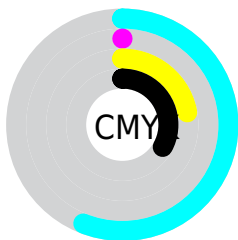
# Distribution



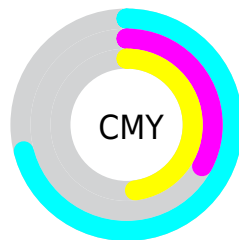
- Red (29%)
- Green (67%)
- Blue (52%)



- Red (29%)
- Yellow (53%)
- Blue (67%)



- Cyan (56%)
- Magenta (0%)
- Yellow (22%)
- Black (33%)



- Cyan (71%)
- Magenta (33%)
- Yellow (48%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 137.2630, -2.5947, -54.6047 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 137.2630, -2.5947, -54.6047 by changing the saturation by 10% instead.





 137.2630, -2.5947,  
-54.6047

 137.2630, -2.5947,  
-54.6047


255.0000, 0.0000,  
0.0000

 109.5940, -1.2788,  
-56.6489


 192.9210, -3.9051,  
-54.3047

 78.0270, 1.9587,  
-68.4297


 221.5080, -4.1944,  
-54.8195

 60.7300, -0.8529,  
-53.2602


 233.3710, 3.7611,  
-39.7904

 43.6610, -2.7909,  
-38.2907

 243.6380, 5.6015,  
-23.3615

 28.3530, -5.5970,  
-24.8656

 252.3090, 1.3267,  
-5.5330

 11.7400, -5.7878,  
-10.2960

 0.0000, 0.0000,

0.0000

■ 137.2630, -2.5947,  
-54.6047

■ 137.2630, -2.5947,  
-54.6047

■ 131.3820, -3.1463,  
-64.3560

■ 143.1440, -2.0430,  
-44.8533

■ 125.5010, -3.6980,  
-74.1074

■ 149.0250, -1.4913,  
-35.1019

■ 119.7340, -3.8129,  
-83.9587

■ 154.7920, -1.3765,  
-25.2506

■ 113.8530, -4.3645,  
-93.7101

■ 160.6730, -0.8248,  
-15.4992

■ 111.4180, -4.6431,  
-97.7136

■ 166.5540, -0.2731,  
-5.7479

■ 172.4350, 0.2785,  
4.0035

■ 178.3160, 0.8302,  
13.7549

■ 184.0830, 0.9451,  
23.6062

■ 189.9640, 1.4967,  
33.3576

# Harmonies

## Analogous

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



144.8470, -21.6166, -20.0368



137.2630, -2.5947, -54.6047



119.5290, 23.8962, -104.8269

# Triad

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



137.2630, -2.5947, -54.6047



151.3910, 33.8242, -22.2679



153.9560, -23.1493, 51.7816

# Complementary

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



137.2630, -2.5947, -54.6047



107.7370, 2.5947, 54.6047

# 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.



155.5880, -8.1779, 56.4893



137.2630, -2.5947, -54.6047



156.8860, 23.2272, 16.7630

# Square

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



137.2630, -2.5947, -54.6047



137.1030, 40.3752, -70.2503



157.1640, 8.3001, 44.5832



151.8540, -31.9730, 35.2080



# Rectangle

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



137.2630, -2.5947, -54.6047



121.4500, 33.7952, -106.5116



157.1640, 8.3001, 44.5832



153.9440, -18.2134, 55.3001

# Sweetspot

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



137.2630, -2.5947, -54.6047



208.9280, -0.9505, -21.8619



142.1270, -33.0936, -25.5444



104.3960, -0.6882, -12.6253



240.0000, 0.0000, 0.0000



112.0000, 0.0000, 0.0000



# Same Dimension

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



137.2630, -2.5947, -54.6047



170.6090, -4.2442, -85.6031



135.7250, 16.8976, -53.2558



81.2660, -0.1311, -4.6183



97.0220, -3.9548, -85.0883



13.1080, -0.5462, -11.4957



# Inverse Universe

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



107.7370, 2.5947, 54.6047



124.3910, 4.2442, 85.6031



108.6880, -16.6082, 53.7706



78.7340, 0.1311, 4.6183



50.9780, 3.9548, 85.0883



6.8920, 0.5462, 11.4957



# Previews

## White Background



This preview shows how the YUV color 137.2630, -2.5947, -54.6047 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 137.2630, -2.5947, -54.6047 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

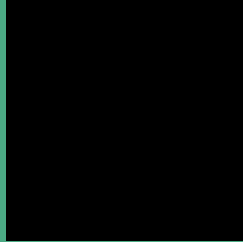
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# YUV 137.2630, -2.5947, -54.6047

## Background



This preview shows how black text looks on a background with the YUV color 137.2630, -2.5947, -54.6047.



This preview shows how white text looks on a background with the YUV color 137.2630, -2.5947, -54.6047.

-54.6047.

# 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

137.2630, -2.5947, -54.6047

### Protanopia

151.3850, -13.9938, 8.4324

### Deuteranopia

153.3350, -8.0532, 16.3692



## Tritanopia

143.0570, 16.7339, -47.4080

# Trichromacy



## Original Color

137.2630, -2.5947, -54.6047

## Protanomaly

146.5670, -10.1395, -14.5293

## Deuteranomaly

147.3380, -6.0826, -9.0664

## Tritanomaly

140.9120, 9.9034, -49.9118

# Monochromacy



## Original Color

137.2630, -2.5947, -54.6047

## Achromatopsia

137.0000, 0.0000, 0.0000

## Achromatomaly

136.9390, -0.9559, -20.1175

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 137.2630, -2.5947, -54.6047 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(75, 170, 132)` looks like.

```
.text, #text, p{  
    color:rgb(75, 170, 132)  
}
```

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(75, 170, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(75, 170, 132) }
```

## Border

The CSS property to change the border of an element to YUV 137.2630, -2.5947, -54.6047 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(75, 170, 132) }
```



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

```
.border{ border-color:rgb(75, 170, 132) }
```

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

Here you see how a box with a 4 pixel `rgb(75, 170, 132)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(75, 170, 132); -webkit-box-  
shadow:4px 4px 4px 4px rgb(75, 170, 132);  
box-shadow:4px 4px 4px 4px rgb(75, 170,  
132) }
```

# Background

The CSS property to change the background color of an element to YUV 137.2630, -2.5947, -54.6047 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(75, 170, 132) }
```

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

```
.background{ background-color: rgb(75, 170,  
132) }
```

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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