

# Converting Colors

YUV(167.6090, -37.2752,  
9.1129)

Have a look what the booklet for  
YUV(167.6090, -37.2752, 9.1129)  
contains.

<b>YUV(167.6090, -37.2752, 9.1129)</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(167.6090, -37.2752,  
9.1129)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B2B15C
RGB	178, 177, 92
RGB Percent	70%, 69%, 36%
CMY	0.3020, 0.3059, 0.6392
CMYK	0.00, 0.01, 0.48, 0.30
HSL	59°, 36%, 53%
HSV	59°, 48%, 70%
XYZ	36.0140, 41.6820, 16.2725
YIQ	167.6090, 27.8810, -26.2230

# Conversions

## Conversions Part 2

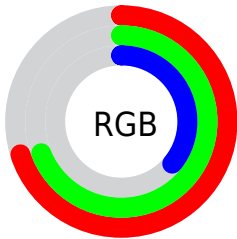
Format	Color
<a href="#">RYB</a>	<a href="#">93, 178, 92</a>
Decimal	<a href="#">11710812</a>
CIELab	<a href="#">70.65, -11.69, 43.26</a>
CIElCh	<a href="#">71, 44.813, 105.115</a>
Yxy	<a href="#">41.6820, 0.3833, 0.4436</a>
Android (android.graphics.Color)	<a href="#">4289900892 (0xFFB2B15C)</a>
YUV	<a href="#">167.6090, -37.2752, 9.1129</a>
Hunter-Lab	<a href="#">64.5616, -13.4111, 30.2493</a>

# Details

The YUV color  $167.6090, -37.2752, 9.1129$  is a light color, and the websafe version is hex  $CCCC66$ . A complement of this color would be  $102.3910, 37.2752, -9.1129$ , and the grayscale version is  $168.0000, 0.0000, 0.0000$ .

A 20% lighter version of the original color is  $223.4520, -39.1698, 10.1276$ , and  $114.9400, -35.9594, 7.0686$  is the 20% darker color. If you saturate the color by 10%, you get  $165.5570, -45.1376, 10.9125$ , and if you desaturate by 10%, it is  $169.6610, -29.4129, 7.3133$ .

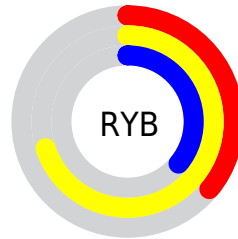
# Distribution



Red (70%)

Green (69%)

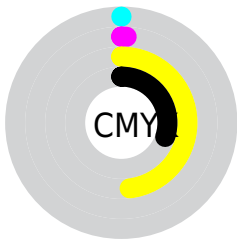
Blue (36%)



Red (36%)

Yellow (70%)

Blue (36%)

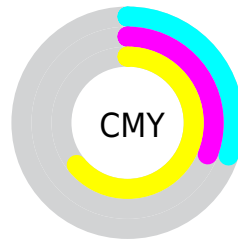


Cyan (0%)

Magenta (1%)

Yellow (48%)

Black (30%)



Cyan (30%)

Magenta (31%)

Yellow (64%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 167.6090, -37.2752, 9.1129 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 167.6090, -37.2752, 9.1129 by changing the saturation by 10% instead.



■ 167.6090,  
-37.2752, 9.1129

■ 167.6090,  
-37.2752, 9.1129

■ 255.0000, 0.0000,  
0.0000

■ 140.5380,  
-36.2542, 8.2982

■ 223.4520,  
-39.1698, 10.1276

■ 114.9400,  
-35.9594, 7.0686

■ 245.4240,  
-36.6910, 8.3982

■ 89.4130, -36.6856,  
6.6538

■ 248.6160,  
-24.4607, 5.5988

■ 66.1400, -32.6070,  
5.1392

■ 251.8080,  
-12.2303, 2.7994

■ 45.1640, -22.2659,  
1.6102

■ 25.6610, -12.6509,  
-2.3337

■ 2.3480, -1.1576,

-2.0592

■ 0.0000, 0.0000,  
0.0000

■ 167.6090,  
-37.2752, 9.1129

■ 167.6090,  
-37.2752, 9.1129

■ 165.5570,  
-45.1376, 10.9125

■ 169.6610,  
-29.4129, 7.3133

■ 163.5050,  
-53.0000, 12.7121

■ 171.7130,  
-21.5505, 5.5137

■ 160.9800,  
-60.1361, 14.9265

■ 174.2380,  
-14.4143, 3.2993

■ 158.9280,  
-67.9985, 16.7261

■ 176.2900, -6.5520,  
1.4997

■ 156.8760,  
-75.8609, 18.5257

■ 178.3420, 1.3104,  
-0.2999

■ 156.5340,  
-77.1713, 18.8257

■ 180.3940, 9.1728,  
-2.0995

■ 182.4460, 17.0351,  
-3.8991

■ 184.9710, 24.1713,  
-6.1136

■ 187.0230, 32.0337,  
-7.9132

# Harmonies

## Analogous

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



170.9810, -37.9516, 39.4817



167.6090, -37.2752, 9.1129



162.2330, -23.7789, -26.5143

# Triad

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



167.6090, -37.2752, 9.1129



138.2230, 44.7531, -121.2216



177.0450, 8.8518, 54.3345

# Complementary

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



167.6090, -37.2752, 9.1129



102.3910, 37.2752, -9.1129

# 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.



177.4290, 26.4105, 22.4258



167.6090, -37.2752, 9.1129



153.3770, 48.1281, -83.6456

# Square

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



167.6090, -37.2752, 9.1129



135.8800, 28.1602, -119.1668



171.7590, 39.0658, -23.4676



174.7850, -10.2470, 66.8406



# Rectangle

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



167.6090, -37.2752, 9.1129



156.4390, -9.5834, -53.0050



171.7590, 39.0658, -23.4676



177.8850, 14.8467, 44.8279

# Sweetspot

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



167.6090, -37.2752, 9.1129



228.3520, -13.9775, 3.1993



117.8280, -12.2402, 52.7708



114.7200, -8.7360, 1.9996



245.0000, 0.0000, 0.0000



117.0000, 0.0000, 0.0000



# Same Dimension

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



167.6090, -37.2752, 9.1129



215.4360, -58.3889, 14.5266



155.6380, -31.3735, -17.2225



87.9740, -3.9312, 0.8998



134.3840, -66.2513, 16.3262



22.4490, -11.0674, 3.1142



# Inverse Universe

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



102.3910, 37.2752, -9.1129



113.5640, 58.3889, -14.5266



114.3620, 31.3735, 17.2225



81.0260, 3.9312, -0.8998



18.6160, 66.2513, -16.3262



2.9640, 11.3567, -2.5994



# Previews

## White Background



This preview shows how the YUV color 167.6090, -37.2752, 9.1129 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 167.6090, -37.2752, 9.1129 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

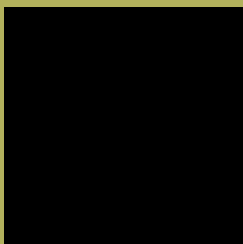
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

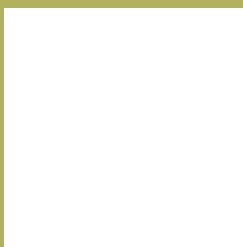
If you want to check with other color combinations, try the [Color Contrast Checker](#).

# YUV 167.6090, -37.2752, 9.1129

## Background



This preview shows how black text looks on a background with the YUV color 167.6090, -37.2752, 9.1129.



This preview shows how white text looks on a background with the YUV color 167.6090, -37.2752, 9.1129.



# 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

167.6090, -37.2752, 9.1129

### Protanopia

168.7350, -38.3234, 18.6494

### Deuteranopia

170.7740, -37.3566, 35.2782



## Tritanopia

174.4620, 2.7302, 10.9958

# Trichromacy



## Original Color

167.6090, -37.2752, 9.1129

## Protanomaly

168.1260, -38.0231, 15.6755

## Deuteranomaly

169.4200, -37.1821, 25.9417

## Tritanomaly

172.2650, -11.9626, 10.2916

# Monochromacy



## Original Color

167.6090, -37.2752, 9.1129

## Achromatopsia

168.0000, 0.0000, 0.0000

## Achromatomaly

167.7650, -13.6881, 3.7141

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 167.6090, -37.2752, 9.1129 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(178, 177, 92)` looks like.

```
.text, #text, p{  
    color:rgb(178, 177, 92)  
}
```

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(178, 177, 92) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 177, 92) }
```

## Border

The CSS property to change the border of an element to YUV 167.6090, -37.2752, 9.1129 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(178, 177, 92) }
```



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

```
.border{ border-color:rgb(178, 177, 92) }
```

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

Here you see how a box with a 4 pixel `rgb(178, 177, 92)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 177, 92); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 177, 92);  
box-shadow:4px 4px 4px 4px rgb(178, 177,  
92) }
```

# Background

The CSS property to change the background color of an element to YUV 167.6090, -37.2752, 9.1129 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 177, 92) }
```

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

```
.background{ background-color: rgb(178,  
177, 92) }
```

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