

# Converting Colors

YUV(132.8370, -53.1636,  
18.5600)

Have a look what the booklet for  
YUV(132.8370, -53.1636, 18.5600)  
contains.

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# Color

**YUV(132.8370, -53.1636,  
18.5600)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	9A8F19
RGB	154, 143, 25
RGB Percent	60%, 56%, 10%
CMY	0.3961, 0.4392, 0.9020
CMYK	0.00, 0.07, 0.84, 0.40
HSL	55°, 72%, 35%
HSV	55°, 84%, 60%
XYZ	23.3244, 26.5851, 4.8218
YIQ	132.8370, 44.4340, -34.3660

# Conversions

## Conversions Part 2

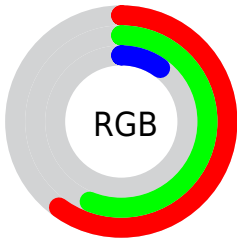
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	37, 154, 25
Decimal	10129177
CIE Lab	58.59, -8.47, 57.84
CIE LCh	59, 58.458, 98.327
Yxy	26.5851, 0.4262, 0.4857
Android (android.graphics.Color)	4288319257 (0xFF9A8F19)
YUV	132.8370, -53.1636, 18.5600
Hunter-Lab	51.5608, -9.4840, 30.5479

# Details

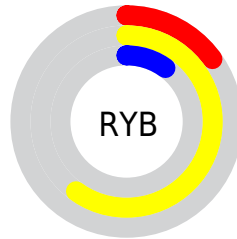
The YUV color **132.8370, -53.1636, 18.5600** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **46.1630, 53.1636, -18.5600**, and the grayscale version is **133.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **187.7880, -52.1535, 21.2339**, and **84.1920, -41.5067, 12.9866** is the 20% darker color. If you saturate the color by 10%, you get **130.5400, -59.4262, 20.5744**, and if you desaturate by 10%, it is **135.1340, -46.9011, 16.5455**.

# Distribution



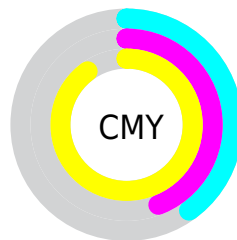
- Red (60%)
- Green (56%)
- Blue (10%)



- Red (15%)
- Yellow (60%)
- Blue (10%)



- Cyan (0%)
- Magenta (7%)
- Yellow (84%)
- Black (40%)



- Cyan (40%)
- Magenta (44%)
- Yellow (90%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 132.8370, -53.1636, 18.5600 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 132.8370, -53.1636, 18.5600 by changing the saturation by 10% instead.



■ 132.8370,  
-53.1636, 18.5600

■ 132.8370,  
-53.1636, 18.5600

■ 255.0000, 0.0000,  
0.0000

■ 106.9400,  
-52.7214, 16.7156

■ 187.7880,  
-52.1535, 21.2339

■ 84.1920, -41.5067,  
12.9866

■ 215.9730,  
-52.7377, 21.9487

■ 62.6180, -30.8707,  
8.2280

■ 240.2600,  
-51.4002, 12.9270

■ 41.9300, -20.6715,  
3.5694

■ 244.5120,  
-40.1854, 9.1980

■ 22.4270, -11.0565,  
-0.3745

■ 247.7040,  
-27.9551, 6.3986

■ 0.0000, 0.0000,  
0.0000

■ 251.0100,

-15.2879, 3.4992

254.3160, -2.6208,  
0.5999

■ 132.8370,  
-53.1636, 18.5600

■ 132.8370,  
-53.1636, 18.5600

■ 130.5400,  
-59.4262, 20.5744

■ 135.1340,  
-46.9011, 16.5455

■ 128.8130,  
-63.5048, 22.0890

■ 138.1320,  
-40.4911, 13.9162

■ 140.4290,  
-34.2285, 11.9018

■ 142.8400,  
-27.5291, 9.7873

■ 145.7240,  
-21.5559, 7.2581

■ 148.0210,  
-15.2934, 5.2436

■ 150.4320, -8.5940,  
3.1291

■ 153.3160, -2.6208,  
0.5999

■ 155.7270, 4.0786,  
-1.5146

# Harmonies

## Analogous

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



136.9520, -47.3043, 52.6621



132.8370, -53.1636, 18.5600



127.3290, -36.1512, -24.8445

# Triad

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



132.8370, -53.1636, 18.5600



119.4100, 41.2099, -104.7226



143.2060, 18.1394, 62.0863

# Complementary

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



132.8370, -53.1636, 18.5600



46.1630, 53.1636, -18.5600

# 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.



144.7730, 38.0729, 15.1081



132.8370, -53.1636, 18.5600



118.4760, 57.9393, -103.9035

# Square

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



132.8370, -53.1636, 18.5600



114.4110, 19.5174, -100.3384



127.2020, 57.0884, -64.1982



138.3770, -4.6229, 82.9844



# Rectangle

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



132.8370, -53.1636, 18.5600



116.3420, -15.9446, -66.0749



127.2020, 57.0884, -64.1982



144.3660, 25.4556, 48.7910

# Sweetspot

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



132.8370, -53.1636, 18.5600



192.9520, -20.6823, 7.0581



65.0530, -13.3371, 78.0065



96.7050, -12.6726, 4.6437



230.0000, 0.0000, 0.0000



102.0000, 0.0000, 0.0000



# Same Dimension

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



132.8370, -53.1636, 18.5600



168.1070, -82.8768, 28.8472



123.7460, -48.6818, -19.0712



75.5010, -3.2050, 1.3146



116.9960, -57.6790, 20.1745



10.9310, -5.3890, 1.8145



# Inverse Universe

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



46.1630, 53.1636, -18.5600



32.8930, 82.8768, -28.8472



55.2540, 48.6818, 19.0712



70.4990, 3.2050, -1.3146



23.0040, 57.6790, -20.1745



2.0690, 5.3890, -1.8145



# Previews

## White Background



This preview shows how the YUV color 132.8370, -53.1636, 18.5600 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 132.8370, -53.1636, 18.5600 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 132.8370, -53.1636, 18.5600

## Background



This preview shows how black text looks on a background with the YUV color 132.8370, -53.1636, 18.5600.



This preview shows how white text looks on a background with the YUV color 132.8370, -53.1636, 18.5600.



# 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

132.8370, -53.1636, 18.5600

### Protanopia

133.1580, -53.3219, 22.6634

### Deuteranopia

135.4140, -51.4761, 37.3479



## Tritanopia

143.1100, -0.0542, 17.4435

# Trichromacy



## Original Color

132.8370, -53.1636, 18.5600

## Protanomaly

133.1470, -53.3165, 20.9191

## Deuteranomaly

134.2560, -51.8912, 30.4705

## Tritanomaly

139.6590, -19.5519, 17.8391

# Monochromacy



## Original Color

132.8370, -53.1636, 18.5600

## Achromatopsia

133.0000, 0.0000, 0.0000

## Achromatomaly

133.2940, -19.3719, 6.7582

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 132.8370, -53.1636, 18.5600 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(154, 143, 25)` looks like.

```
.text, #text, p{  
    color:rgb(154, 143, 25)  
}
```

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(154, 143, 25) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 143, 25) }
```

## Border

The CSS property to change the border of an element to YUV 132.8370, -53.1636, 18.5600 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(154, 143, 25) }
```



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

```
.border{ border-color:rgb(154, 143, 25) }
```

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

Here you see how a box with a 4 pixel `rgb(154, 143, 25)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(154, 143, 25); -webkit-box-  
shadow:4px 4px 4px 4px rgb(154, 143, 25);  
box-shadow:4px 4px 4px 4px rgb(154, 143,  
25) }
```

# Background

The CSS property to change the background color of an element to YUV 132.8370, -53.1636, 18.5600 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(154, 143, 25) }
```

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

```
.background{ background-color: rgb(154,  
143, 25) }
```

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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