

# Converting Colors

YUV(151.5980, -33.8188,  
20.5236)

Have a look what the booklet for  
YUV(151.5980, -33.8188, 20.5236)  
contains.

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# Color

**YUV(151.5980, -33.8188,  
20.5236)**

# Conversions

## Conversions Part 1

Format	Color
Hex	AF9953
RGB	175, 153, 83
RGB Percent	69%, 60%, 33%
CMY	0.3137, 0.4000, 0.6745
CMYK	0.00, 0.13, 0.53, 0.31
HSL	46°, 37%, 51%
HSV	46°, 53%, 69%
XYZ	30.6318, 32.5210, 12.8463
YIQ	151.5980, 35.5820, -17.1060

# Conversions

## Conversions Part 2

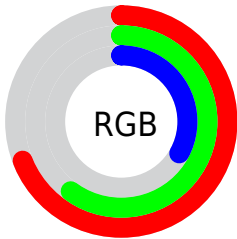
<b>Format</b>	<b>Color</b>
<b>RYB</b>	112, 175, 83
Decimal	11508051
CIELab	63.77, -1.04, 39.44
CIELCh	64, 39.457, 91.504
Yxy	32.5210, 0.4031, 0.4279
Android (android.graphics.Color)	4289698131 (0xFFAF9953)
YUV	151.5980, -33.8188, 20.5236
Hunter-Lab	57.0272, -3.9174, 26.5629

# Details

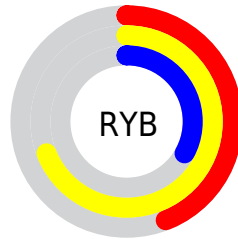
The YUV color **151.5980, -33.8188, 20.5236** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **106.4020, 33.8188, -20.5236**, and the grayscale version is **152.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **206.1530, -35.5714, 22.6678**, and **99.6300, -32.3556, 17.8645** is the 20% darker color. If you saturate the color by 10%, you get **147.3120, -40.0868, 24.2824**, and if you desaturate by 10%, it is **155.9980, -27.1140, 16.6648**.

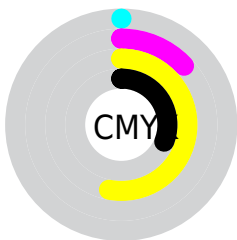
# Distribution



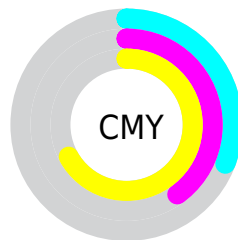
- Red (69%)
- Green (60%)
- Blue (33%)



- Red (44%)
- Yellow (69%)
- Blue (33%)



- Cyan (0%)
- Magenta (13%)
- Yellow (53%)
- Black (31%)



- Cyan (31%)
- Magenta (40%)
- Yellow (67%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 151.5980, -33.8188, 20.5236 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 151.5980, -33.8188, 20.5236 by changing the saturation by 10% instead.



■ 151.5980,  
-33.8188, 20.5236

■ 151.5980,  
-33.8188, 20.5236

■ 255.0000, 0.0000,  
0.0000

■ 125.2280,  
-32.6504, 19.0940

■ 206.1530,  
-35.5714, 22.6678

■ 99.6300, -32.3556,  
17.8645

■ 232.5440,  
-35.2712, 19.6939

■ 74.8040, -32.9344,  
16.8349

■ 247.3620,  
-29.2655, 6.6985

■ 53.5030, -26.3770,  
13.5909

■ 250.5540,  
-17.0351, 3.8991

■ 33.7010, -16.6146,  
9.0322

■ 253.8600, -4.3680,  
0.9998

■ 13.3010, -6.5574,  
3.2440

■ 0.0000, 0.0000,

0.0000

■ 151.5980,  
-33.8188, 20.5236

■ 151.5980,  
-33.8188, 20.5236

■ 147.3120,  
-40.0868, 24.2824

■ 155.9980,  
-27.1140, 16.6648

■ 142.9120,  
-46.7916, 28.1412

■ 160.2840,  
-20.8460, 12.9059

■ 137.9250,  
-53.2070, 32.5148

■ 165.2710,  
-14.4306, 8.5323

■ 133.6390,  
-59.4750, 36.2736

■ 169.5570, -8.1626,  
4.7735

■ 130.3960,  
-64.2852, 39.1177

■ 173.9570, -1.4578,  
0.9147

■ 178.2430, 4.8102,  
-2.8441

■ 182.6430, 11.5150,  
-6.7029

■ 186.9290, 17.7830,  
-10.4617

■ 191.9160, 24.1984,  
-14.8353

# Harmonies

## Analogous

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



154.3650, -30.2529, 43.5299



151.5980, -33.8188, 20.5236



147.5450, -26.8907, -8.3710

# Triad

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



151.5980, -33.8188, 20.5236



122.6240, 33.2164, -107.5412



158.8300, 14.8738, 36.1061

# Complementary

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



151.5980, -33.8188, 20.5236



106.4020, 33.8188, -20.5236

# 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.



157.3510, 27.9280, 2.3232



151.5980, -33.8188, 20.5236



122.5390, 45.5833, -107.4667

# Square

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



151.5980, -33.8188, 20.5236



128.7890, 12.9220, -84.8840



148.4920, 37.2254, -39.8965



157.2980, -1.6259, 54.9897



# Rectangle

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



151.5980, -33.8188, 20.5236



144.2310, -17.3689, -29.1436



148.4920, 37.2254, -39.8965



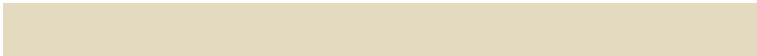
159.0290, 19.7057, 26.2846

# Sweetspot

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



151.5980, -33.8188, 20.5236



217.6130, -13.1202, 8.2324



113.1300, -3.5151, 54.2600



109.5570, -8.1626, 4.7735



242.0000, 0.0000, 0.0000



115.0000, 0.0000, 0.0000



# Same Dimension

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



151.5980, -33.8188, 20.5236



190.7400, -52.6228, 31.8000



157.6350, -36.7951, -4.9419



84.8000, -3.3524, 1.9294



111.7680, -55.1016, 33.5295



16.8560, -8.3100, 5.3883



# Inverse Universe

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



106.4020, 33.8188, -20.5236



120.2600, 52.6228, -31.8000



100.3650, 36.7951, 4.9419



80.2000, 3.3524, -1.9294



38.2320, 55.1016, -33.5295

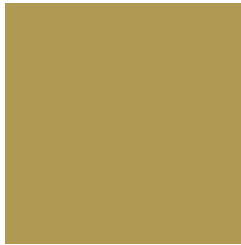


5.5570, 8.5994, -4.8735



# Previews

## White Background



This preview shows how the YUV color 151.5980, -33.8188, 20.5236 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 151.5980, -33.8188, 20.5236 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

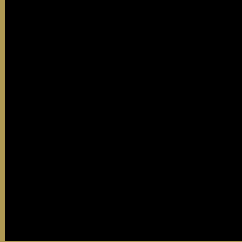
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# YUV 151.5980, -33.8188, 20.5236

## Background



This preview shows how black text looks on a background with the YUV color 151.5980, -33.8188, 20.5236.



This preview shows how white text looks on a background with the YUV color 151.5980, -33.8188, 20.5236.



# 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

151.5980, -33.8188, 20.5236

### Protanopia

151.3910, -33.2238, 16.3201

### Deuteranopia

152.3760, -33.7094, 32.1192



## Tritanopia

157.3170, -0.6493, 21.6470

# Trichromacy



## Original Color

151.5980, -33.8188, 20.5236

## Protanomaly

151.4020, -33.2292, 18.0644

## Deuteranomaly

152.0550, -33.5511, 28.0158

## Tritanomaly

155.1030, -12.8688, 20.9577

# Monochromacy



## Original Color

151.5980, -33.8188, 20.5236

## Achromatopsia

152.0000, 0.0000, 0.0000

## Achromatomaly

151.5420, -12.0992, 7.4177

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 151.5980, -33.8188, 20.5236 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(175, 153, 83)` looks like.

```
.text, #text, p{  
    color:rgb(175, 153, 83)  
}
```

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(175, 153, 83) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 153, 83) }
```

## Border

The CSS property to change the border of an element to YUV 151.5980, -33.8188, 20.5236 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(175, 153, 83) }
```



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

```
.border{ border-color:rgb(175, 153, 83) }
```

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

Here you see how a box with a 4 pixel `rgb(175, 153, 83)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 153, 83); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 153, 83);  
box-shadow:4px 4px 4px 4px rgb(175, 153,  
83) }
```

# Background

The CSS property to change the background color of an element to YUV 151.5980, -33.8188, 20.5236 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 153, 83) }
```

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

```
.background{ background-color: rgb(175,  
153, 83) }
```

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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