

# Converting Colors

YUV(133.2560, -18.3672,  
11.1765)

Have a look what the booklet for  
YUV(133.2560, -18.3672, 11.1765)  
contains.

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# Color

**YUV(133.2560, -18.3672,  
11.1765)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	928660
RGB	146, 134, 96
RGB Percent	57%, 53%, 38%
CMY	0.4275, 0.4745, 0.6235
CMYK	0.00, 0.08, 0.34, 0.43
HSL	46°, 21%, 47%
HSV	46°, 34%, 57%
XYZ	22.4905, 24.0057, 14.5145
YIQ	133.2560, 19.3500, -9.2740

# Conversions

## Conversions Part 2

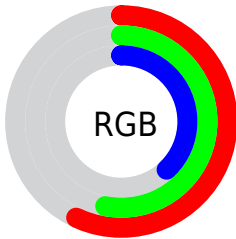
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">112, 146, 96</a>
Decimal	<a href="#">9602656</a>
CIELab	<a href="#">56.09, -1.49, 22.13</a>
CIElCh	<a href="#">56, 22.182, 93.847</a>
Yxy	<a href="#">24.0057, 0.3686, 0.3935</a>
Android (android.graphics.Color)	<a href="#">4287792736 (0xFF928660)</a>
YUV	<a href="#">133.2560, -18.3672, 11.1765</a>
Hunter-Lab	<a href="#">48.9956, -3.8054, 16.7328</a>

# Details

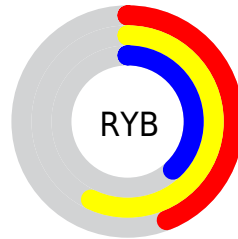
The YUV color  $133.2560, -18.3672, 11.1765$  is a dark color, and the websafe version is hex  $999966$ . A complement of this color would be  $108.7440, 18.3672, -11.1765$ , and the grayscale version is  $133.0000, 0.0000, 0.0000$ .

A 20% lighter version of the original color is  $186.6260, -19.5356, 12.6060$ , and  $83.8860, -17.1988, 9.7470$  is the 20% darker color. If you saturate the color by 10%, you get  $129.1980, -23.7616, 14.7354$ , and if you desaturate by 10%, it is  $137.3140, -12.9728, 7.6176$ .

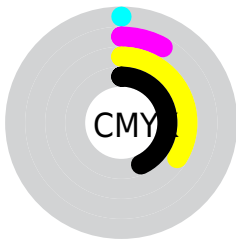
# Distribution



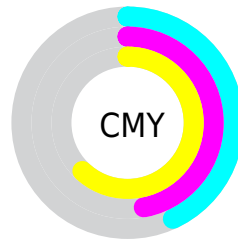
- Red (57%)
- Green (53%)
- Blue (38%)



- Red (44%)
- Yellow (57%)
- Blue (38%)



- Cyan (0%)
- Magenta (8%)
- Yellow (34%)
- Black (43%)



- Cyan (43%)
- Magenta (47%)
- Yellow (62%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 133.2560, -18.3672, 11.1765 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 133.2560, -18.3672, 11.1765 by changing the saturation by 10% instead.



■ 133.2560,  
-18.3672, 11.1765

■ 133.2560,  
-18.3672, 11.1765

■ 255.0000, 0.0000,  
0.0000

■ 108.0710,  
-17.7830, 10.4617

■ 186.6260,  
-19.5356, 12.6060

■ 83.8860, -17.1988,  
9.7470

■ 214.5120,  
-19.9724, 12.7060

■ 60.4020, -16.4672,  
8.4174

■ 241.8000,  
-20.1144, 11.5764

■ 37.8750, -17.1934,  
8.0026

■ 252.0360,  
-11.3567, 2.5994

■ 18.9160, -9.3256,  
4.4587

■ 0.0000, 0.0000,  
0.0000

■ 133.2560,  
-18.3672, 11.1765

■ 133.2560,  
-18.3672, 11.1765

■ 129.1980,  
-23.7616, 14.7354

■ 137.3140,  
-12.9728, 7.6176

■ 125.8410,  
-29.0086, 17.6794

■ 140.6710, -7.7258,  
4.6735

■ 121.7830,  
-34.4030, 21.2383

■ 144.7290, -2.3314,  
1.1147

■ 118.4260,  
-39.6500, 24.1824

■ 148.0860, 2.9156,  
-1.8294

■ 114.3680,  
-45.0444, 27.7413

■ 152.1440, 8.3100,  
-5.3883

■ 110.8970,  
-50.7282, 30.7853

■ 155.6150, 13.9938,  
-8.4324

■ 108.8110,  
-53.6438, 32.6148

■ 159.5590, 18.9514,  
-11.8912

■ 163.0300, 24.6352,

-14.9353

■ 166.9740, 29.5928,  
-18.3942

# Harmonies

## Analogous

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



135.2730, -17.3896, 24.3166



133.2560, -18.3672, 11.1765



131.1830, -14.3872, -5.4225

# Triad

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



133.2560, -18.3672, 11.1765



125.2210, 14.6810, -42.2898



137.6680, 7.0657, 20.4622

# Complementary

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



133.2560, -18.3672, 11.1765



108.7440, 18.3672, -11.1765

# 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.



136.8060, 14.3926, 3.6781



133.2560, -18.3672, 11.1765



128.5300, 19.4587, -34.6678

# Square

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



133.2560, -18.3672, 11.1765



125.7350, 5.0606, -36.6016



133.0530, 19.6939, -16.7095



137.0300, -1.9868, 30.6687



# Rectangle

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



133.2560, -18.3672, 11.1765



129.4850, -9.1131, -17.0883



133.0530, 19.6939, -16.7095



137.6180, 9.5553, 15.2440

# Sweetspot

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



133.2560, -18.3672, 11.1765



183.8990, -6.8522, 4.4736



112.3180, -2.1288, 29.5391



91.5720, -4.2260, 2.1294



222.0000, 0.0000, 0.0000



94.0000, 0.0000, 0.0000



# Same Dimension

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



133.2560, -18.3672, 11.1765



168.9550, -28.5718, 17.5795



136.4130, -19.9236, -2.9932



72.0280, -2.4788, 1.7294



102.8970, -50.7282, 30.7853



7.6860, -3.7892, 2.0294



# Inverse Universe

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



108.7440, 18.3672, -11.1765



131.0450, 28.5718, -17.5795



105.2880, 20.0710, 2.3784



68.3850, 2.7682, -1.2146



35.1030, 50.7282, -30.7853



2.3140, 3.7892, -2.0294



# Previews

## White Background



This preview shows how the YUV color 133.2560, -18.3672, 11.1765 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 133.2560, -18.3672, 11.1765 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

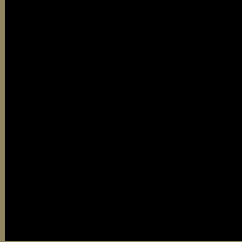
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

# YUV 133.2560, -18.3672, 11.1765

## Background



This preview shows how black text looks on a background with the YUV color 133.2560, -18.3672, 11.1765.



This preview shows how white text looks on a background with the YUV color 133.2560, -18.3672, 11.1765.



# 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

133.2560, -18.3672, 11.1765

### Protanopia

132.9570, -18.2198, 10.5617

### Deuteranopia

134.6210, -18.5472, 22.2574



## Tritanopia

136.1310, 1.4144, 13.0401

# Trichromacy



## Original Color

133.2560, -18.3672, 11.1765

## Protanomaly

132.9570, -18.2198, 10.5617

## Deuteranomaly

134.3000, -18.3889, 18.1539

## Tritanomaly

134.8830, -5.8583, 12.3806

# Monochromacy



## Original Color

133.2560, -18.3672, 11.1765

## Achromatopsia

133.0000, 0.0000, 0.0000

## Achromatomaly

133.0130, -6.4154, 4.3736

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 133.2560, -18.3672, 11.1765 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(146, 134, 96)` looks like.

```
.text, #text, p{  
    color:rgb(146, 134, 96)  
}
```

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(146, 134, 96) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(146, 134, 96) }
```

## Border

The CSS property to change the border of an element to YUV 133.2560, -18.3672, 11.1765 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(146, 134, 96) }
```



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

```
.border{ border-color:rgb(146, 134, 96) }
```

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

Here you see how a box with a 4 pixel `rgb(146, 134, 96)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(146, 134, 96); -webkit-box-  
shadow:4px 4px 4px 4px rgb(146, 134, 96);  
box-shadow:4px 4px 4px 4px rgb(146, 134,  
96) }
```

# Background

The CSS property to change the background color of an element to YUV 133.2560, -18.3672, 11.1765 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(146, 134, 96) }
```

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

```
.background{ background-color: rgb(146,  
134, 96) }
```

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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