

# Converting Colors

YUV(153.3440, -12.0016,  
-23.9807)

Have a look what the booklet for  
YUV(153.3440, -12.0016, -23.9807)  
contains.

<b>YUV(153.3440, -12.0016, -23.9807)</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(153.3440, -12.0016,  
-23.9807)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	7EAC81
RGB	126, 172, 129
RGB Percent	49%, 67%, 51%
CMY	0.5059, 0.3255, 0.4941
CMYK	0.27, 0.00, 0.25, 0.33
HSL	124°, 22%, 58%
HSV	124°, 27%, 67%
XYZ	27.3192, 35.5256, 26.1861
YIQ	153.3440, -13.6130, -23.1250

# Conversions

## Conversions Part 2

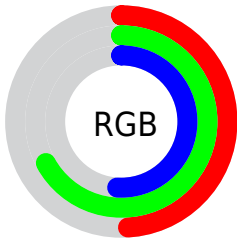
<b>Format</b>	<b>Color</b>
R <sub>YB</sub>	126, 169, 172
Decimal	8301697
CIE <sub>Lab</sub>	66.16, -24.15, 17.27
CIE <sub>LCh</sub>	66, 29.688, 144.422
Yxy	35.5256, 0.3069, 0.3990
Android (android.graphics.Color)	4286491777 (0xFF7EAC81)
YUV	153.3440, -12.0016, -23.9807
Hunter-Lab	59.6034, -22.4906, 15.6739

# Details

The YUV color **153.3440, -12.0016, -23.9807** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **144.6560, 12.0016, 23.9807**, and the grayscale version is **153.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **208.4040, -13.0172, -24.9103**, and **101.3980, -10.5492, -23.1510** is the 20% darker color. If you saturate the color by 10%, you get **146.4370, -16.4844, -32.8322**, and if you desaturate by 10%, it is **160.2510, -7.5187, -15.1291**.

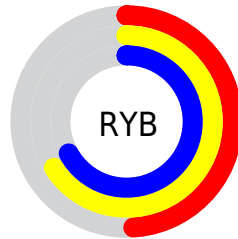
# Distribution



Red (49%)

Green (67%)

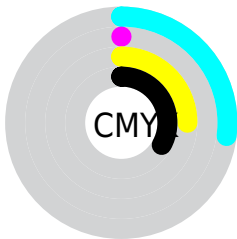
Blue (51%)



Red (49%)

Yellow (66%)

Blue (67%)

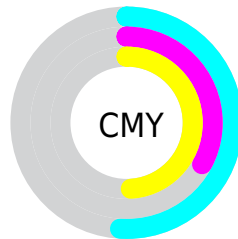


Cyan (27%)

Magenta (0%)

Yellow (25%)

Black (33%)



Cyan (51%)

Magenta (33%)

Yellow (49%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 153.3440, -12.0016, -23.9807 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 153.3440, -12.0016, -23.9807 by changing the saturation by 10% instead.



■ 153.3440,  
-12.0016, -23.9807

■ 153.3440,  
-12.0016, -23.9807

■ 255.0000, 0.0000,  
0.0000

■ 126.8710,  
-11.2754, -23.5659

■ 208.4040,  
-13.0172, -24.9103

■ 101.3980,  
-10.5492, -23.1510

■ 235.5180,  
-12.5804, -25.0103

■ 76.8110, -10.2598,  
-22.6362

■ 247.3810, -4.6248,  
-9.9811

■ 53.6260, -9.6756,  
-23.3510

■ 30.2560, -8.5072,  
-24.7805

■ 17.0230, -8.3923,  
-14.9292

■ 0.0000, 0.0000,

0.0000

■ 153.3440,  
-12.0016, -23.9807

■ 153.3440,  
-12.0016, -23.9807

■ 146.4370,  
-16.4844, -32.8322

■ 160.2510, -7.5187,  
-15.1291

■ 139.5300,  
-20.9673, -41.6838

■ 167.1580, -3.0359,  
-6.2776

■ 132.3240,  
-25.3027, -51.1501

■ 174.3640, 1.2995,  
3.1888

■ 125.4170,  
-29.7856, -60.0017

■ 181.2710, 5.7824,  
12.0403

■ 118.5100,  
-34.2684, -68.8533

■ 188.1780, 10.2652,  
20.8919

■ 111.6030,  
-38.7513, -77.7048

■ 195.0850, 14.7481,  
29.7435

■ 104.5820,  
-43.6709, -86.4564

■ 202.1060, 19.6677,  
38.4950

■ 102.2180,  
-44.9705, -89.6452

■ 206.2790, 24.0195,  
42.7283

# Harmonies

## Analogous

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



157.1530, -22.2604, -0.1342



153.3440, -12.0016, -23.9807



148.8000, 3.0566, -47.1826

# Triad

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



153.3440, -12.0016, -23.9807



156.4190, 27.8944, -33.6935



163.3000, -11.4869, 44.4639

# Complementary

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



153.3440, -12.0016, -23.9807



144.6560, 12.0016, 23.9807

# 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.



164.2960, 1.3331, 39.2054



153.3440, -12.0016, -23.9807



162.6400, 22.8555, -4.0693

# Square

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



153.3440, -12.0016, -23.9807



148.9230, 26.6600, -57.8145



164.9870, 13.3174, 21.9364



161.3240, -21.3587, 37.4269



# Rectangle

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



153.3440, -12.0016, -23.9807



146.0680, 13.2775, -58.8186



164.9870, 13.3174, 21.9364



163.7390, -7.2663, 44.0789

# Sweetspot

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



153.3440, -12.0016, -23.9807



216.7940, -4.3354, -9.4663



166.1580, -19.7979, 3.3694



107.5710, -2.7465, -5.7628



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.



153.3440, -12.0016, -23.9807



195.1330, -18.7996, -36.9506



155.8520, -2.3920, -26.1802



83.3970, -2.1677, -4.7332



89.1900, -39.0407, -78.2196



13.6150, -6.2192, -11.9404



# Inverse Universe

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



144.6560, 12.0016, 23.9807



181.8670, 18.7996, 36.9506



142.1480, 2.3920, 26.1802



81.6030, 2.1677, 4.7332



60.9240, 39.4775, 78.1197



9.2710, 5.7824, 12.0403



# Previews

## White Background



This preview shows how the YUV color 153.3440, -12.0016, -23.9807 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 153.3440, -12.0016, -23.9807 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

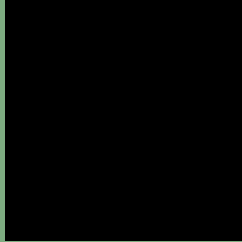
Any Text WCAG AA ✓ Pass

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 153.3440, -12.0016, -23.9807 Background



This preview shows how black text looks on a background with the YUV color 153.3440, -12.0016, -23.9807.



This preview shows how white text looks on a background with the YUV color 153.3440, -12.0016, -23.9807.

-23.9807.

# 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

153.3440, -12.0016, -23.9807

### Protanopia

159.0710, -17.7830, 10.4617

### Deuteranopia

160.8750, -13.7424, 21.1576



## Tritanopia

157.6260, 10.5374, -19.8430

# Trichromacy



## Original Color

153.3440, -12.0016, -23.9807

## Protanomaly

156.8630, -15.7085, -1.6339

## Deuteranomaly

158.5910, -13.1094, 4.7437

## Tritanomaly

156.4380, 2.2491, -21.4321

# Monochromacy



## Original Color

153.3440, -12.0016, -23.9807

## Achromatopsia

153.0000, 0.0000, 0.0000

## Achromatomaly

153.0930, -4.4828, -8.8516

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 153.3440, -12.0016, -23.9807 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(126, 172, 129)` looks like.

```
.text, #text, p{  
    color:rgb(126, 172, 129)  
}
```

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(126, 172, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(126, 172, 129) }
```

## Border

The CSS property to change the border of an element to YUV 153.3440, -12.0016, -23.9807 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(126, 172, 129) }
```



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

```
.border{ border-color:rgb(126, 172, 129) }
```

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

Here you see how a box with a 4 pixel `rgb(126, 172, 129)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(126, 172, 129); -webkit-box-  
shadow:4px 4px 4px 4px rgb(126, 172, 129);  
box-shadow:4px 4px 4px 4px rgb(126, 172,  
129) }
```

# Background

The CSS property to change the background color of an element to YUV 153.3440, -12.0016, -23.9807 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(126, 172, 129) }
```

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

```
.background{ background-color: rgb(126,  
172, 129) }
```

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