

# Converting Colors

YUV(173.8490, -7.8136,  
-13.8996)

Have a look what the booklet for  
YUV(173.8490, -7.8136, -13.8996)  
contains.

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# Color

**YUV(173.8490, -7.8136,  
-13.8996)**

# Conversions

## Conversions Part 1

Format	Color
Hex	9EB99E
RGB	158, 185, 158
RGB Percent	62%, 73%, 62%
CMY	0.3804, 0.2745, 0.3804
CMYK	0.15, 0.00, 0.15, 0.27
HSL	120°, 16%, 67%
HSV	120°, 15%, 73%
XYZ	37.6211, 44.4356, 38.9418
YIQ	173.8490, -7.4250, -14.1210

# Conversions

## Conversions Part 2

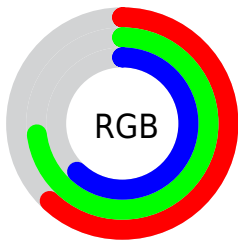
Format	Color
<a href="#">RYB</a>	<a href="#">158, 185, 185</a>
Decimal	<a href="#">10402206</a>
CIELab	<a href="#">72.52, -14.43, 10.65</a>
CIELCh	<a href="#">73, 17.938, 143.567</a>
Yxy	<a href="#">44.4356, 0.3109, 0.3672</a>
Android (android.graphics.Color)	<a href="#">4288592286 (0xFF9EB99E)</a>
YUV	<a href="#">173.8490, -7.8136, -13.8996</a>
Hunter-Lab	<a href="#">66.6601, -15.9147, 12.0257</a>

# Details

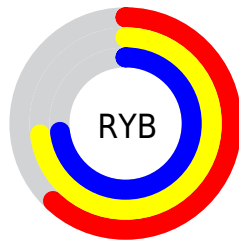
The YUV color **173.8490, -7.8136, -13.8996** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **169.1510, 7.8136, 13.8996**, and the grayscale version is **174.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **229.4360, -8.1029, -14.4144**, and **121.3760, -7.0874, -13.4848** is the 20% darker color. If you saturate the color by 10%, you get **166.4150, -13.0226, -23.1660**, and if you desaturate by 10%, it is **181.6960, -2.3151, -4.1184**.

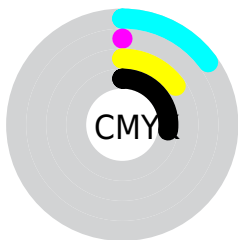
# Distribution



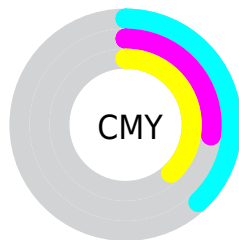
- Red (62%)
- Green (73%)
- Blue (62%)



- Red (62%)
- Yellow (73%)
- Blue (73%)



- Cyan (15%)
- Magenta (0%)
- Yellow (15%)
- Black (27%)



- Cyan (38%)
- Magenta (27%)
- Yellow (38%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 173.8490, -7.8136, -13.8996 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 173.8490, -7.8136, -13.8996 by changing the saturation by 10% instead.



■ 173.8490, -7.8136,  
-13.8996

■ 173.8490, -7.8136,  
-13.8996

255.0000, 0.0000,  
0.0000

■ 147.2620, -7.5242,  
-13.3848

■ 229.4360, -8.1029,  
-14.4144

■ 121.3760, -7.0874,  
-13.4848

■ 249.2180, -4.0515,  
-7.2072

■ 96.6750, -7.2348,  
-12.8700

■ 72.2020, -6.5086,  
-12.4552

■ 49.7290, -5.7824,  
-12.0403

■ 28.1420, -5.4930,  
-11.5255

■ 9.3920, -4.6303,

-8.2368

■ 0.0000, 0.0000,  
0.0000

■ 173.8490, -7.8136,  
-13.8996

■ 173.8490, -7.8136,  
-13.8996

■ 166.4150,  
-13.0226, -23.1660

■ 181.6960, -2.3151,  
-4.1184

■ 158.5680,  
-18.5210, -32.9471

■ 189.1300, 2.8939,  
5.1480

■ 151.1340,  
-23.7301, -42.2135

■ 196.5640, 8.1029,  
14.4144

■ 143.2870,  
-29.2285, -51.9947

■ 204.4110, 13.6014,  
24.1956

■ 135.8530,  
-34.4375, -61.2611

■ 212.2580, 19.0998,  
33.9767

■ 128.0060,  
-39.9360, -71.0423

■ 213.9100, 20.2574,  
36.0359

■ 120.5720,  
-45.1450, -80.3086

■ 112.7250,  
-50.6434, -90.0898

■ 108.5950,  
-53.5373, -95.2378

# Harmonies

## Analogous

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



176.0420, -13.8247, 0.8402



173.8490, -7.8136, -13.8996



172.0630, 0.9549, -26.3653

# Triad

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



173.8490, -7.8136, -13.8996



175.9450, 16.7891, -18.3688



180.2270, -7.5069, 27.8649

# Complementary

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



173.8490, -7.8136, -13.8996



169.1510, 7.8136, 13.8996

# 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.



181.2680, 0.3609, 24.3210



173.8490, -7.8136, -13.8996



179.0610, 14.2669, -2.6845

# Square

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



173.8490, -7.8136, -13.8996



173.4120, 15.0799, -30.1793



180.9660, 8.3978, 13.1848



179.0110, -13.3164, 24.5464



# Rectangle

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



173.8490, -7.8136, -13.8996



171.5230, 6.6442, -31.1537



180.9660, 8.3978, 13.1848



180.9110, -4.8861, 27.2651

# Sweetspot

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



173.8490, -7.8136, -13.8996



235.8700, -2.8939, -5.1480



181.9220, -11.7935, 2.6994



117.5220, -1.7363, -3.0888



247.0000, 0.0000, 0.0000



120.0000, 0.0000, 0.0000

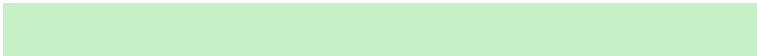


# Same Dimension

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



173.8490, -7.8136, -13.8996



222.2410, -12.4438, -22.1364



175.4450, -1.6984, -15.2993



88.2830, -2.6045, -4.6332



91.5720, -45.1450, -80.3086



16.4360, -8.1029, -14.4144



# Inverse Universe

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



169.1510, 7.8136, 13.8996



214.7590, 12.4438, 22.1364



167.6690, 2.1352, 15.1993



86.7170, 2.6045, 4.6332



64.4280, 45.1450, 80.3086

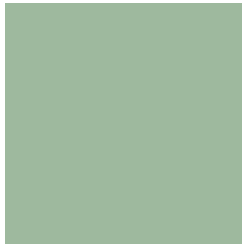


11.5640, 8.1029, 14.4144



# Previews

## White Background



This preview shows how the YUV color 173.8490, -7.8136, -13.8996 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

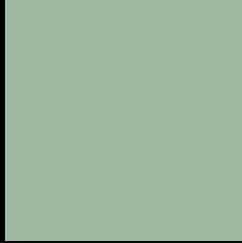
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 173.8490, -7.8136, -13.8996 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

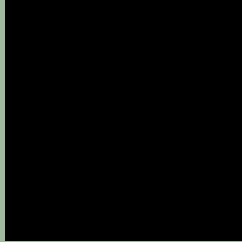
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

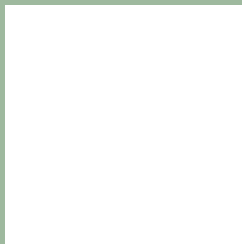
If you want to check with other color combinations, try the [Color Contrast Checker](#).

# YUV 173.8490, -7.8136, -13.8996

## Background



This preview shows how black text looks on a background with the YUV color 173.8490, -7.8136, -13.8996.



This preview shows how white text looks on a background with the YUV color 173.8490, -7.8136, -13.8996.

-13.8996.

# 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

173.8490, -7.8136, -13.8996

### Protanopia

177.0690, -11.3730, 7.8325

### Deuteranopia

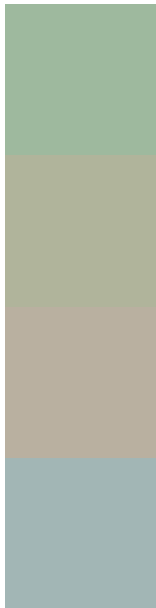
178.8300, -8.7902, 19.4431



## Tritanopia

176.8120, 8.4737, -11.2361

# Trichromacy



## Original Color

173.8490, -7.8136, -13.8996

## Protanomaly

175.9540, -10.3303, 0.0403

## Deuteranomaly

176.8670, -8.3154, 7.1326

## Tritanomaly

175.9060, 2.5113, -12.1956

# Monochromacy



## Original Color

173.8490, -7.8136, -13.8996

## Achromatopsia

174.0000, 0.0000, 0.0000

## Achromatomaly

173.8700, -2.8939, -5.1480

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 173.8490, -7.8136, -13.8996 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(158, 185, 158)` looks like.

```
.text, #text, p{  
    color:rgb(158, 185, 158)  
}
```

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(158, 185, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 185, 158) }
```

## Border

The CSS property to change the border of an element to YUV 173.8490, -7.8136, -13.8996 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".

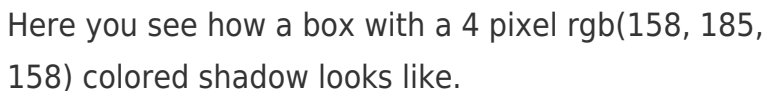
```
.border, #border, table{ border:4px solid rgb(158, 185, 158) }
```



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

```
.border{ border-color:rgb(158, 185, 158) }
```

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



Here you see how a box with a 4 pixel `rgb(158, 185, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(158, 185, 158); -webkit-box-shadow:4px 4px 4px 4px rgb(158, 185, 158); box-shadow:4px 4px 4px 4px rgb(158, 185, 158) }
```

# Background

The CSS property to change the background color of an element to YUV 173.8490, -7.8136, -13.8996 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 185, 158) }
```

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

```
.background{ background-color: rgb(158,  
185, 158) }
```

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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