

# Converting Colors

YUV(101.9250, 13.3480,  
-81.4952)

Have a look what the booklet for  
YUV(101.9250, 13.3480, -81.4952)  
contains.

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# Color

**YUV(101.9250, 13.3480,  
-81.4952)**

# Conversions

## Conversions Part 1

Format	Color
Hex	099081
RGB	9, 144, 129
RGB Percent	4%, 56%, 51%
CMY	0.9647, 0.4353, 0.4941
CMYK	0.94, 0.00, 0.10, 0.44
HSL	173°, 88%, 30%
HSV	173°, 94%, 56%
XYZ	14.0484, 21.5896, 24.1957
YIQ	101.9250, -75.6450, -33.2850

# Conversions

## Conversions Part 2

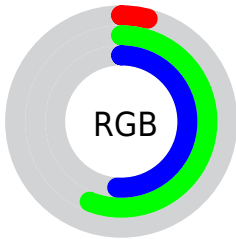
<b>Format</b>	<b>Color</b>
<b>RYB</b>	9, 80, 144
Decimal	626817
CIELab	53.59, -35.59, -1.16
CIELCh	54, 35.609, 181.866
Yxy	21.5896, 0.2348, 0.3608
Android (android.graphics.Color)	4278816897 (0xFF099081)
YUV	101.9250, 13.3480, -81.4952
Hunter-Lab	46.4646, -27.3443, 1.6509

# Details

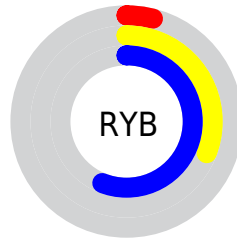
The YUV color **101.9250, 13.3480, -81.4952** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **51.0750, -13.3480, 81.4952**, and the grayscale version is **102.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **163.8730, 8.9366, -66.5406**, and **63.7110, 8.0305, -55.8745** is the 20% darker color. If you saturate the color by 10%, you get **99.1200, 14.2378, -86.9282**, and if you desaturate by 10%, it is **106.3390, 12.1579, -73.0883**.

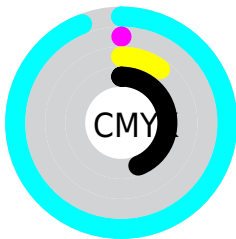
# Distribution



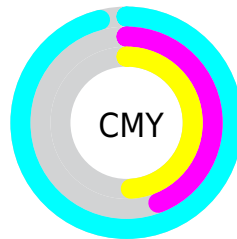
- Red (4%)
- Green (56%)
- Blue (51%)



- Red (4%)
- Yellow (31%)
- Blue (56%)



- Cyan (94%)
- Magenta (0%)
- Yellow (10%)
- Black (44%)



- Cyan (96%)
- Magenta (44%)
- Yellow (49%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 101.9250, 13.3480, -81.4952 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 101.9250, 13.3480, -81.4952 by changing the saturation by 10% instead.



101.9250, 13.3480,  
-81.4952

101.9250, 13.3480,  
-81.4952

255.0000, 0.0000,  
0.0000

81.1220, 11.2789,  
-71.1440

163.8730, 8.9366,  
-66.5406

63.7110, 8.0305,  
-55.8745

192.3570, 8.2050,  
-65.2111

46.4140, 5.2189,  
-40.7051

220.7700, 8.4944,  
-64.6963

30.5190, 2.7021,  
-26.7652

231.3790, 11.6452,  
-48.5674

14.0370, 0.4748,  
-12.3104

240.0500, 7.3704,  
-30.7388

0.0000, 0.0000,  
0.0000

249.0200, 2.9481,

-12.2955

■ 101.9250, 13.3480,  
-81.4952

■ 101.9250, 13.3480,  
-81.4952

■ 99.1200, 14.2378,  
-86.9282

■ 106.3390, 12.1579,  
-73.0883

■ 110.9380, 10.3836,  
-63.9666

■ 115.3520, 9.1935,  
-55.5597

■ 119.9510, 7.4192,  
-46.4380

■ 124.3650, 6.2291,  
-38.0311

■ 128.7790, 5.0390,  
-29.6242

■ 133.3780, 3.2646,  
-20.5025

■ 137.7920, 2.0745,  
-12.0956

■ 142.3910, 0.3002,  
-2.9739

# Harmonies

## Analogous

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



116.9510, -9.3428, -36.7910



101.9250, 13.3480, -81.4952



102.0670, 28.0680, -89.5128

# Triad

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



101.9250, 13.3480, -81.4952



130.1400, 24.5810, 2.5082



127.3580, -26.3055, 37.3970

# Complementary

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



101.9250, 13.3480, -81.4952



51.0750, -13.3480, 81.4952

# 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.



129.1820, -15.8657, 48.9524



101.9250, 13.3480, -81.4952



131.5260, 12.5587, 31.9877

# Square

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



101.9250, 13.3480, -81.4952



122.9610, 32.5572, -35.9228



130.2540, -1.6042, 48.0122



125.4280, -29.2980, 17.1646



# Rectangle

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



101.9250, 13.3480, -81.4952



102.7170, 35.6355, -90.0828



130.2540, -1.6042, 48.0122



127.9010, -23.1222, 43.0598

# Sweetspot

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



101.9250, 13.3480, -81.4952



169.7680, 5.0444, -31.3685



93.0290, -41.4263, -59.6614



84.0900, 3.4066, -19.3729



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.



101.9250, 13.3480, -81.4952



127.9920, 18.2449, -112.2490



73.1110, 34.9483, -56.2253



68.9070, 1.0318, -4.3034



92.9250, 13.3480, -81.4952



5.4940, 0.7425, -4.8182



# Inverse Universe

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



51.0750, -13.3480, 81.4952



58.0080, -18.2449, 112.2490



79.8890, -34.9483, 56.2253



66.2070, -0.5951, 4.2035



42.0750, -13.3480, 81.4952

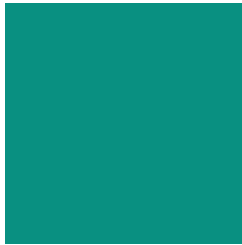


2.5060, -0.7425, 4.8182



# Previews

## White Background



This preview shows how the YUV color 101.9250, 13.3480, -81.4952 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

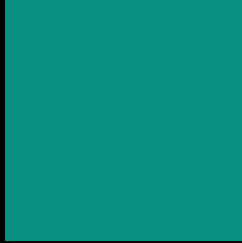
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 101.9250, 13.3480, -81.4952 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

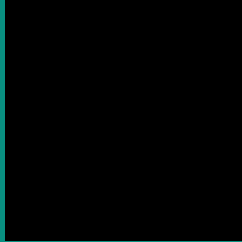
Any Text WCAG AA ✓ Pass

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 101.9250, 13.3480, -81.4952 Background



This preview shows how black text looks on a background with the YUV color 101.9250, 13.3480, -81.4952.



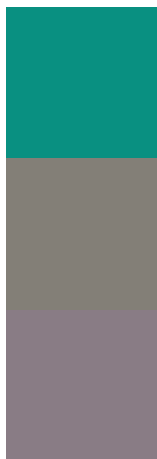
This preview shows how white text looks on a background with the YUV color 101.9250, 13.3480,

-81.4952.

# 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

101.9250, 13.3480, -81.4952

### Protanopia

127.2840, -4.0840, 3.2589

### Deuteranopia

128.9130, 2.0149, 7.0923



## Tritanopia

111.4570, 19.9877, -64.4218

# Trichromacy



## Original Color

101.9250, 13.3480, -81.4952

## Protanomaly

118.1060, 2.4127, -27.2800

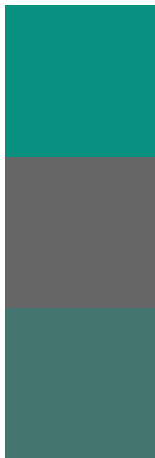
## Deuteranomaly

118.8550, 6.4805, -25.3058

## Tritanomaly

107.8430, 17.8254, -70.8993

# Monochromacy



## Original Color

101.9250, 13.3480, -81.4952

## Achromatopsia

102.0000, 0.0000, 0.0000

## Achromatomaly

101.7790, 5.0390, -29.6242

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 101.9250, 13.3480, -81.4952 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(9, 144, 129)` looks like.

```
.text, #text, p{  
    color:rgb(9, 144, 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(9, 144, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(9, 144, 129) }
```

## Border

The CSS property to change the border of an element to YUV 101.9250, 13.3480, -81.4952 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(9, 144, 129) }
```



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

```
.border{ border-color:rgb(9, 144, 129) }
```

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

Here you see how a box with a 4 pixel `rgb(9, 144, 129)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(9, 144, 129); -webkit-box-  
shadow:4px 4px 4px 4px rgb(9, 144, 129);  
box-shadow:4px 4px 4px 4px rgb(9, 144,  
129) }
```

# Background

The CSS property to change the background color of an element to YUV 101.9250, 13.3480, -81.4952 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(9, 144, 129) }
```

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

```
.background{ background-color: rgb(9, 144,  
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](#).

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