

# Converting Colors

YUV(113.9000, 7.9373,  
-72.7033)

Have a look what the booklet for  
YUV(113.9000, 7.9373, -72.7033)  
contains.

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# Color

**YUV(113.9000, 7.9373,  
-72.7033)**

# Conversions

## Conversions Part 1

Format	Color
Hex	1F9982
RGB	31, 153, 130
RGB Percent	12%, 60%, 51%
CMY	0.8784, 0.4000, 0.4902
CMYK	0.80, 0.00, 0.15, 0.40
HSL	169°, 66%, 36%
HSV	169°, 80%, 60%
XYZ	15.9856, 24.6855, 25.0413
YIQ	113.9000, -65.3290, -33.0170

# Conversions

## Conversions Part 2

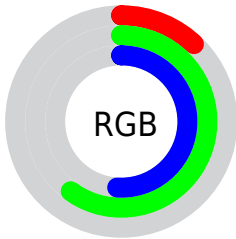
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	<b>31, 98, 153</b>
Decimal	2070914
CIE <sub>Lab</sub>	56.77, -37.66, 2.93
CIE <sub>LCh</sub>	57, 37.773, 175.557
Yxy	24.6855, 0.2433, 0.3757
Android (android.graphics.Color)	4280260994 (0xFF1F9982)
YUV	113.9000, 7.9373, -72.7033
Hunter-Lab	49.6845, -29.5169, 4.8965

# Details

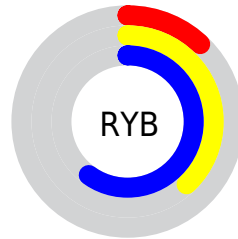
The YUV color **113.9000, 7.9373, -72.7033** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **70.1000, -7.9373, 72.7033**, and the grayscale version is **114.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **172.2600, 5.2948, -65.1260**, and **68.5210, 6.1521, -60.0929** is the 20% darker color. If you saturate the color by 10%, you get **109.0730, 8.8380, -81.6250**, and if you desaturate by 10%, it is **118.7270, 7.0366, -63.7816**.

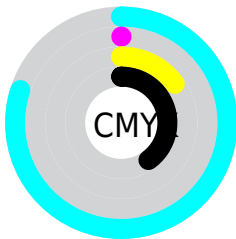
# Distribution



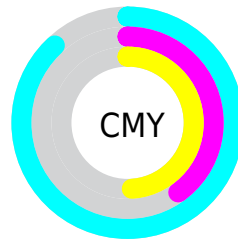
- Red (12%)
- Green (60%)
- Blue (51%)



- Red (12%)
- Yellow (38%)
- Blue (60%)



- Cyan (80%)
- Magenta (0%)
- Yellow (15%)
- Black (40%)



- Cyan (88%)
- Magenta (40%)
- Yellow (49%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 113.9000, 7.9373, -72.7033 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 113.9000, 7.9373, -72.7033 by changing the saturation by 10% instead.



■ 113.9000, 7.9373,  
-72.7033

■ 113.9000, 7.9373,  
-72.7033

■ 255.0000, 0.0000,  
0.0000

■ 86.5190, 9.1111,  
-75.8772

■ 172.2600, 5.2948,  
-65.1260

■ 68.5210, 6.1521,  
-60.0929

■ 201.0320, 4.4212,  
-64.9261

■ 51.2240, 3.3406,  
-44.9234

■ 223.5750, 7.6045,  
-59.2633

■ 34.6280, 0.6764,  
-30.3688

■ 234.0700, 10.3185,  
-43.0344

■ 20.4940, -2.7085,  
-17.9732

■ 243.0400, 5.8963,  
-24.5911

■ 0.0000, 0.0000,  
0.0000

■ 252.0100, 1.4741,

-6.1478

■ 113.9000, 7.9373,  
-72.7033

■ 113.9000, 7.9373,  
-72.7033

■ 109.0730, 8.8380,  
-81.6250

■ 118.7270, 7.0366,  
-63.7816

■ 103.9470, 9.8861,  
-91.1615

■ 123.8530, 5.9885,  
-54.2451

■ 128.6800, 5.0878,  
-45.3234

■ 133.5070, 4.1870,  
-36.4016

■ 138.2200, 2.8495,  
-27.3799

■ 143.3460, 1.8014,  
-17.8434

■ 148.1730, 0.9007,  
-8.9217

■ 153.0000, 0.0000,  
0.0000

■ 158.1260, -1.0481,  
9.5365

# Harmonies

## Analogous

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



125.8330, -13.7217, -32.3025



113.9000, 7.9373, -72.7033



108.3930, 26.9213, -95.0607

# Triad

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



113.9000, 7.9373, -72.7033



137.5350, 28.8232, -4.8542



136.1030, -26.1798, 43.7597

# Complementary

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



113.9000, 7.9373, -72.7033



70.1000, -7.9373, 72.7033

# 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.



137.7850, -13.6980, 53.6856



113.9000, 7.9373, -72.7033



140.2420, 16.6427, 28.7288

# Square

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



113.9000, 7.9373, -72.7033



127.2090, 36.3790, -48.4183



139.0630, 1.4479, 49.0567



134.1900, -31.6457, 23.5124



# Rectangle

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



113.9000, 7.9373, -72.7033



109.3850, 35.7992, -95.9306



139.0630, 1.4479, 49.0567



136.4610, -22.4123, 48.7077

# Sweetspot

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



113.9000, 7.9373, -72.7033



183.6220, 3.1444, -28.6095



109.7900, -38.8435, -48.0508



90.0580, 1.9434, -16.7139



227.0000, 0.0000, 0.0000



99.0000, 0.0000, 0.0000

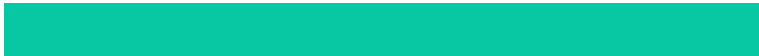


# Same Dimension

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



113.9000, 7.9373, -72.7033



137.7870, 12.4300, -113.8232



94.8030, 28.6911, -55.9552



74.3800, 0.3057, -4.7183



95.1760, 9.2802, -83.4694



8.7710, 0.6059, -7.6922



# Inverse Universe

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



70.1000, -7.9373, 72.7033



69.2130, -12.4300, 113.8232



89.1970, -28.6911, 55.9552



71.5060, -0.7425, 4.8182



44.8240, -9.2802, 83.4694

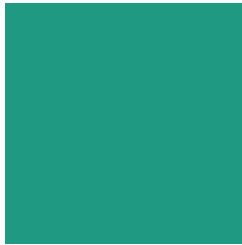


4.1150, -1.0427, 7.7921



# Previews

## White Background



This preview shows how the YUV color 113.9000, 7.9373, -72.7033 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 113.9000, 7.9373, -72.7033 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

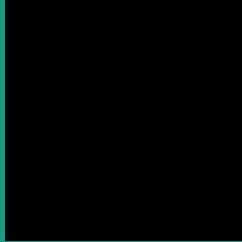
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

# YUV 113.9000, 7.9373, -72.7033

## Background



This preview shows how black text looks on a background with the YUV color 113.9000, 7.9373, -72.7033.



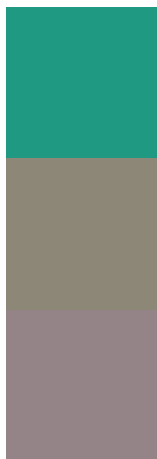
This preview shows how white text looks on a background with the YUV color 113.9000, 7.9373,



# 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

113.9000, 7.9373, -72.7033

### Protanopia

135.0840, -7.4364, 5.1883

### Deuteranopia

136.5390, -0.7587, 10.0513



## Tritanopia

121.0660, 19.6875, -61.4479

# Trichromacy



## Original Color

113.9000, 7.9373, -72.7033

## Protanomaly

127.6890, -1.8187, -23.4063

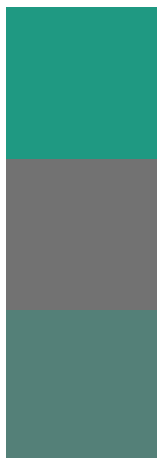
## Deuteranomaly

128.1500, 2.3911, -20.3025

## Tritanomaly

118.3060, 15.6251, -65.1664

# Monochromacy



## Original Color

113.9000, 7.9373, -72.7033

## Achromatopsia

114.0000, 0.0000, 0.0000

## Achromatomaly

113.9320, 2.9915, -26.2504

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 113.9000, 7.9373, -72.7033 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(31, 153, 130)` looks like.

```
.text, #text, p{  
    color:rgb(31, 153, 130)  
}
```

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(31, 153, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(31, 153, 130) }
```

## Border

The CSS property to change the border of an element to YUV 113.9000, 7.9373, -72.7033 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(31, 153, 130) }
```



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

```
.border{ border-color:rgb(31, 153, 130) }
```

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

Here you see how a box with a 4 pixel `rgb(31, 153, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(31, 153, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(31, 153, 130);  
box-shadow:4px 4px 4px 4px rgb(31, 153,  
130) }
```

# Background

The CSS property to change the background color of an element to YUV 113.9000, 7.9373, -72.7033 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(31, 153, 130) }
```

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

```
.background{ background-color: rgb(31, 153,  
130) }
```

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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