

# Converting Colors

YUV(125.4450, 31.3326,  
-110.0153)

Have a look what the booklet for  
YUV(125.4450, 31.3326, -110.0153)  
contains.

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# Color

**YUV(125.4450, 31.3326,  
-110.0153)**

# Conversions

## Conversions Part 1

Format	Color
Hex	00B1BD
RGB	0, 177, 189
RGB Percent	0%, 69%, 74%
CMY	1.0000, 0.3059, 0.2588
CMYK	1.00, 0.06, 0.00, 0.26
HSL	184°, 100%, 37%
HSV	184°, 100%, 74%
XYZ	24.9074, 35.1184, 53.6099
YIQ	125.4450, -109.3440, -33.7920

# Conversions

## Conversions Part 2

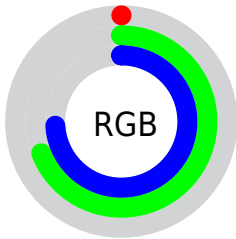
Format	Color
<a href="#">RYB</a>	0, 91, 189
Decimal	45501
CIELab	65.84, -32.80, -16.82
CIElCh	66, 36.861, 207.154
Yxy	35.1184, 0.2192, 0.3090
Android (android.graphics.Color)	4278235581 (0xFF00B1BD)
YUV	125.4450, 31.3326, -110.0153
Hunter-Lab	59.2608, -28.6824, -12.1538

# Details

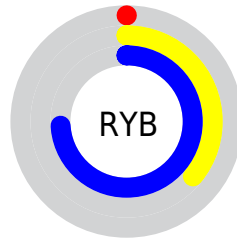
The YUV color **125.4450, 31.3326, -110.0153** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **63.5550, -31.3326, 110.0153**, and the grayscale version is **125.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **194.6010, 24.8467, -82.9651**, and **88.2920, 23.5200, -77.4321** is the 20% darker color. If you saturate the color by 10%, you get **125.4450, 31.3326, -110.0153**, and if you desaturate by 10%, it is **131.7130, 28.2425, -98.8493**.

# Distribution



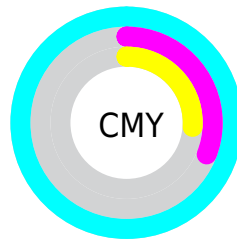
- Red (0%)
- Green (69%)
- Blue (74%)



- Red (0%)
- Yellow (36%)
- Blue (74%)



- Cyan (100%)
- Magenta (6%)
- Yellow (0%)
- Black (26%)



- Cyan (100%)
- Magenta (31%)
- Yellow (26%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 125.4450, 31.3326, -110.0153 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 125.4450, 31.3326, -110.0153 by changing the saturation by 10% instead.



■ 125.4450, 31.3326,  
-110.0153

■ 125.4450, 31.3326,  
-110.0153

■ 255.0000, 0.0000,  
0.0000

■ 106.5180, 27.3526,  
-93.4163

■ 194.6010, 24.8467,  
-82.9651

■ 88.2920, 23.5200,  
-77.4321

■ 218.2230, 18.1311,  
-75.6176

■ 70.0660, 19.6875,  
-61.4479

■ 227.4920, 13.5614,  
-56.5595

■ 53.2420, 16.1497,  
-46.6932

■ 236.7610, 8.9918,  
-37.5014

■ 36.5320, 13.0487,  
-32.0386

■ 246.0300, 4.4222,  
-18.4433

■ 22.2840, 9.2270,  
-19.5431

■ 2.8670, 8.4466,

-2.5144

■ 0.0000, 0.0000,  
0.0000

■ 125.4450, 31.3326,  
-110.0153

■ 131.7130, 28.2425,  
-98.8493

■ 137.9810, 25.1524,  
-87.6833

■ 144.8360, 21.7729,  
-77.0322

■ 151.1040, 18.6827,  
-65.8662

■ 157.3720, 15.5926,  
-54.7002

■ 163.3410, 12.6499,  
-44.1491

■ 169.6090, 9.5598,  
-32.9831

■ 176.4640, 6.1802,  
-22.3319

■ 182.7320, 3.0901,  
-11.1660

# Harmonies

## Analogous

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



141.4170, 7.1894, -66.1407



125.4450, 31.3326, -110.0153



138.3200, 37.8032, -85.3496

# Triad

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



125.4450, 31.3326, -110.0153



164.6120, 15.4743, 30.1583



157.7770, -31.9351, 22.9976

# Complementary

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



125.4450, 31.3326, -110.0153



63.5550, -31.3326, 110.0153

# 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.



159.8750, -27.0534, 43.9596



125.4450, 31.3326, -110.0153



163.1340, 0.4269, 49.8715

# Square

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



125.4450, 31.3326, -110.0153



162.3180, 27.9442, -2.9099



161.7420, -15.1558, 54.6003



154.5780, -26.9070, -3.1379



# Rectangle

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



125.4450, 31.3326, -110.0153



148.9800, 36.9849, -56.1105



161.7420, -15.1558, 54.6003



158.6470, -31.3780, 31.0046

# Sweetspot

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



125.4450, 31.3326, -110.0153



219.9390, 12.3551, -42.9195



111.9690, -50.7637, -98.1968



107.6700, 7.0647, -26.0206



250.0000, 0.0000, 0.0000



122.0000, 0.0000, 0.0000

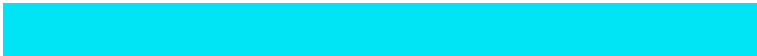


# Same Dimension

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



125.4450, 31.3326, -110.0153



162.3530, 40.7450, -142.3836



71.4410, 57.9566, -62.6538



91.3090, 1.3267, -5.5330



104.8880, 26.1842, -91.9868



20.5570, 5.1484, -18.0285



# Inverse Universe

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



76.6890, 49.4533, 98.4967



99.3610, 63.9120, 127.7254



117.5590, -57.9566, 62.6538



88.7170, 2.6045, 4.6332



64.1140, 41.3558, 82.3380



12.5750, 8.0975, 16.1587



# Previews

## White Background



This preview shows how the YUV color 125.4450, 31.3326, -110.0153 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 125.4450, 31.3326, -110.0153 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

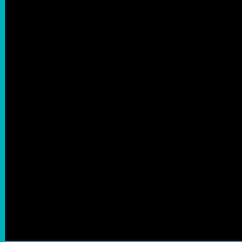
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

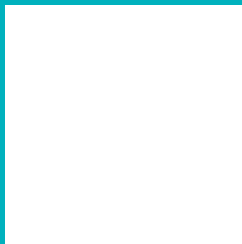
Any Text WCAG AAA ✓ Pass

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

# YUV 125.4450, 31.3326, -110.0153 Background



This preview shows how black text looks on a background with the YUV color 125.4450, 31.3326, -110.0153.



This preview shows how white text looks on a background with the YUV color 125.4450, 31.3326, -110.0153.



# 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



### Protanopia

159.7530, 8.0098, -2.4144

### Deuteranopia

160.6310, 16.4509, -3.1844

### Tritanopia

129.8590, 30.1425, -101.6083

# Trichromacy



## Protanomaly

147.3890, 16.5702, -41.5602

## Deuteranomaly

148.0560, 21.6644, -42.1451

## Tritanomaly

128.2500, 30.4428, -104.5823

# Monochromacy



## Achromatopsia

125.0000, 0.0000, 0.0000

## Achromatomaly

125.3200, 11.1812, -39.7456

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 125.4450, 31.3326, -110.0153 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(0, 177, 189)` looks like.

```
.text, #text, p{  
    color:rgb(0, 177, 189)  
}
```

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(0, 177, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 177, 189) }
```

## Border

The CSS property to change the border of an element to YUV 125.4450, 31.3326, -110.0153 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(0, 177, 189) }
```

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

```
.border{ border-color:rgb(0, 177, 189) }
```

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

Here you see how a box with a 4 pixel rgb(0, 177, 189) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 177, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 177, 189);  
box-shadow:4px 4px 4px 4px rgb(0, 177,  
189) }
```



# Background

The CSS property to change the background color of an element to YUV 125.4450, 31.3326, -110.0153 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 177, 189) }
```

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

```
.background{ background-color: rgb(0, 177,  
189) }
```

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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