

# Converting Colors

YUV(157.6820, 21.8488,  
-101.4531)

Have a look what the booklet for  
YUV(157.6820, 21.8488, -101.4531)  
contains.

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# Color

**YUV(157.6820, 21.8488,  
-101.4531)**

# Conversions

## Conversions Part 1

Format	Color
Hex	2AD0CA
RGB	42, 208, 202
RGB Percent	16%, 82%, 79%
CMY	0.8353, 0.1843, 0.2078
CMYK	0.80, 0.00, 0.03, 0.18
HSL	178°, 66%, 49%
HSV	178°, 80%, 82%
XYZ	34.1714, 49.8683, 63.7016
YIQ	157.6820, -97.0100, -37.0580

# Conversions

## Conversions Part 2

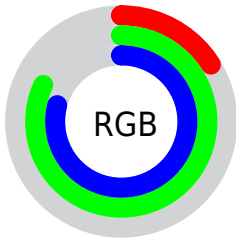
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	42, 127, 208
Decimal	2805962
CIE <sub>Lab</sub>	75.99, -40.97, -8.67
CIE <sub>LCh</sub>	76, 41.878, 191.952
Yxy	49.8683, 0.2313, 0.3375
Android (android.graphics.Color)	4280996042 (0xFF2AD0CA)
YUV	157.6820, 21.8488, -101.4531
Hunter-Lab	70.6175, -37.2054, -4.0513

# Details

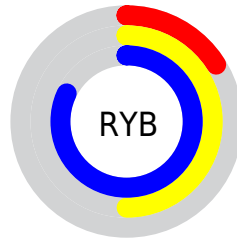
The YUV color **157.6820, 21.8488, -101.4531** is a light color, and the websafe version is hex **00CCCC**. The color can be described as light washed cyan. A complement of this color would be **92.3180, -21.8488, 101.4531**, and the grayscale version is **158.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **214.3360, 20.0474, -83.6097**, and **106.6830, 20.3693, -93.5610** is the 20% darker color. If you saturate the color by 10%, you get **151.2890, 24.5075, -114.2635**, and if you desaturate by 10%, it is **164.0750, 19.1900, -88.6428**.

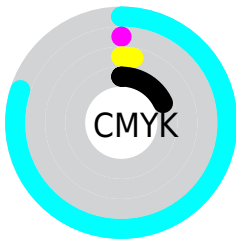
# Distribution



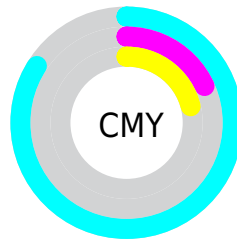
- Red (16%)
- Green (82%)
- Blue (79%)



- Red (16%)
- Yellow (50%)
- Blue (82%)



- Cyan (80%)
- Magenta (0%)
- Yellow (3%)
- Black (18%)



- Cyan (84%)
- Magenta (18%)
- Yellow (21%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 157.6820, 21.8488, -101.4531 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 157.6820, 21.8488, -101.4531 by changing the saturation by 10% instead.



■ 157.6820, 21.8488,  
-101.4531

■ 157.6820, 21.8488,  
-101.4531

■ 255.0000, 0.0000,  
0.0000

■ 125.6100, 24.3493,  
-110.1600

■ 214.3360, 20.0474,  
-83.6097

■ 106.6830, 20.3693,  
-93.5610

■ 223.9040, 15.3303,  
-63.9368

■ 87.8700, 16.8261,  
-77.0620

■ 233.1730, 10.7607,  
-44.8787

■ 70.4590, 13.5777,  
-61.7925

■ 242.4420, 6.1911,  
-25.8206

■ 53.0480, 10.3293,  
-46.5231

■ 251.7110, 1.6215,  
-6.7625

■ 36.3380, 7.2284,  
-31.8684

■ 21.0300, 4.4222,

-18.4433

■ 0.4560, 1.7472,  
-0.3999

■ 0.0000, 0.0000,  
0.0000

■ 157.6820, 21.8488,  
-101.4531

■ 157.6820, 21.8488,  
-101.4531

■ 151.2890, 24.5075,  
-114.2635

■ 164.0750, 19.1900,  
-88.6428

■ 144.8960, 27.1663,  
-127.0738

■ 170.4680, 16.5313,  
-75.8324

■ 176.4480, 13.5831,  
-63.5369

■ 182.8410, 10.9244,  
-50.7266

■ 189.2340, 8.2656,  
-37.9162

■ 195.6270, 5.6069,  
-25.1059

■ 201.9060, 2.5113,  
-12.1956

■ 208.0000, 0.0000,  
0.0000

■ 214.3930, -2.6587,  
12.8103

# Harmonies

## Analogous

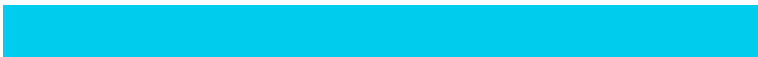
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



170.7850, -4.3310, -57.6934



157.6820, 21.8488, -101.4531



147.4670, 44.6328, -129.3286

# Triad

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



157.6820, 21.8488, -101.4531



191.9830, 26.1374, 16.6779



186.5620, -35.7731, 40.7261

# Complementary

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



157.6820, 21.8488, -101.4531



92.3180, -21.8488, 101.4531

# 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.



188.1310, -25.2076, 58.6441



157.6820, 21.8488, -101.4531



192.2400, 9.7417, 48.9015

# Square

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



157.6820, 21.8488, -101.4531



184.8960, 34.5613, -25.3418



188.1260, -7.4571, 58.6485



182.9730, -35.9757, 12.3017



# Rectangle

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



157.6820, 21.8488, -101.4531



164.6980, 44.5189, -92.6971



188.1260, -7.4571, 58.6485



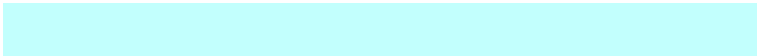
187.0020, -33.0320, 48.2332

# Sweetspot

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



157.6820, 21.8488, -101.4531



236.5330, 8.1182, -37.3014



141.8340, -49.2182, -80.5384



116.7090, 4.5805, -22.5468



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000



# Same Dimension

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



157.6820, 21.8488, -101.4531



180.7190, 32.1835, -149.7206



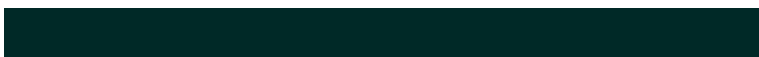
114.3410, 46.1739, -63.4431



101.5970, 1.1847, -6.6626



117.0840, 22.1436, -102.6827



28.5130, 5.1701, -25.0059



# Inverse Universe

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



92.3180, -21.8488, 101.4531



84.2810, -32.1835, 149.7206



135.6590, -46.1739, 63.4431



97.2890, -1.6215, 6.7625



50.9160, -22.1436, 102.6827

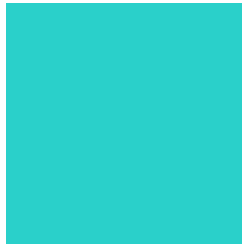


12.3730, -5.6069, 25.1059



# Previews

## White Background



This preview shows how the YUV color 157.6820, 21.8488, -101.4531 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

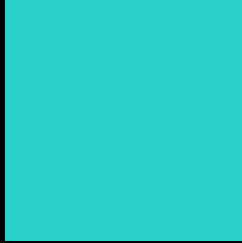
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 157.6820, 21.8488, -101.4531 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

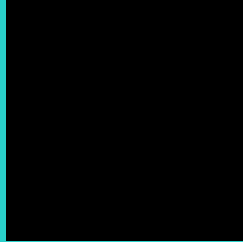
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

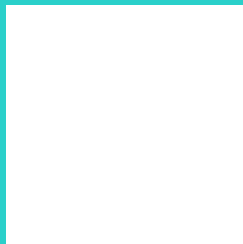
Any Text WCAG AAA ✓ Pass

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

# YUV 157.6820, 21.8488, -101.4531 Background



This preview shows how black text looks on a background with the YUV color 157.6820, 21.8488, -101.4531.



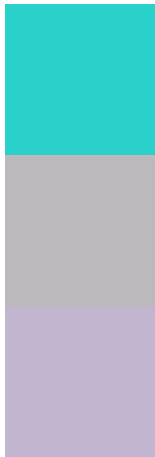
This preview shows how white text looks on a background with the YUV color 157.6820, 21.8488, -101.4531.

-101.4531.

# 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

157.6820, 21.8488, -101.4531

### Protanopia

186.2390, 0.8682, 1.5444

### Deuteranopia

187.6660, 10.0247, 4.6779



## Tritanopia

162.9850, 29.0944, -92.0718

# Trichromacy



## Original Color

157.6820, 21.8488, -101.4531



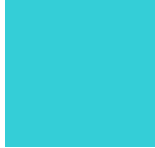
## Protanomaly

175.6580, 8.5496, -35.6571



## Deuteranomaly

176.8630, 14.3645, -34.0829



## Tritanomaly

160.9800, 26.6319, -95.5755

# Monochromacy



## Original Color

157.6820, 21.8488, -101.4531



## Achromatopsia

158.0000, 0.0000, 0.0000



## Achromatomaly

157.8320, 7.9708, -36.6867

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 157.6820, 21.8488, -101.4531 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(42, 208, 202)` looks like.

```
.text, #text, p{  
    color:rgb(42, 208, 202)  
}
```

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(42, 208, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(42, 208, 202) }
```

## Border

The CSS property to change the border of an element to YUV 157.6820, 21.8488, -101.4531 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(42, 208, 202) }
```



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

```
.border{ border-color:rgb(42, 208, 202) }
```

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

Here you see how a box with a 4 pixel `rgb(42, 208, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(42, 208, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(42, 208, 202);  
box-shadow:4px 4px 4px 4px rgb(42, 208,  
202) }
```

# Background

The CSS property to change the background color of an element to YUV 157.6820, 21.8488, -101.4531 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(42, 208, 202) }
```

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

```
.background{ background-color: rgb(42, 208,  
202) }
```

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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