

# Converting Colors

YUV(143.8260, 20.2988,  
-70.8844)

Have a look what the booklet for  
YUV(143.8260, 20.2988, -70.8844)  
contains.

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# Color

**YUV(143.8260, 20.2988,  
-70.8844)**

# Conversions

## Conversions Part 1

Format	Color
Hex	3FB1B9
RGB	63, 177, 185
RGB Percent	25%, 69%, 73%
CMY	0.7529, 0.3059, 0.2745
CMYK	0.66, 0.04, 0.00, 0.27
HSL	184°, 49%, 49%
HSV	184°, 66%, 73%
XYZ	26.5290, 36.0038, 51.4501
YIQ	143.8260, -70.5120, -21.6800

# Conversions

## Conversions Part 2

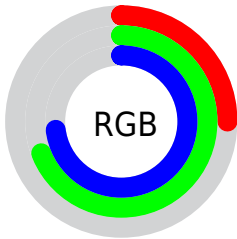
<b>Format</b>	<b>Color</b>
<b>RYB</b>	63, 122, 185
Decimal	4174265
CIELab	66.52, -28.94, -13.50
CIELCh	67, 31.933, 205.003
Yxy	36.0038, 0.2327, 0.3159
Android (android.graphics.Color)	4282364345 (0xFF3FB1B9)
YUV	143.8260, 20.2988, -70.8844
Hunter-Lab	60.0032, -26.0860, -8.8364

# Details

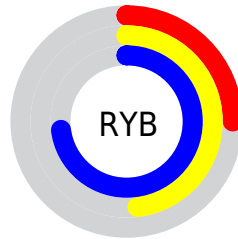
The YUV color **143.8260, 20.2988, -70.8844** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **104.1740, -20.2988, 70.8844**, and the grayscale version is **144.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **201.6200, 19.4143, -67.1957**, and **87.8360, 21.7729, -77.0322** is the 20% darker color. If you saturate the color by 10%, you get **137.8570, 23.2415, -81.4356**, and if you desaturate by 10%, it is **150.0940, 17.2087, -59.7184**.

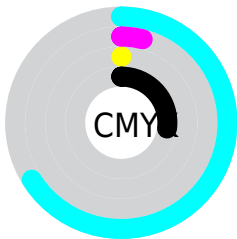
# Distribution



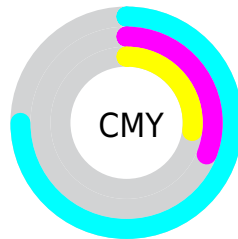
- Red (25%)
- Green (69%)
- Blue (73%)



- Red (25%)
- Yellow (48%)
- Blue (73%)



- Cyan (66%)
- Magenta (4%)
- Yellow (0%)
- Black (27%)



- Cyan (75%)
- Magenta (31%)
- Yellow (27%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 143.8260, 20.2988, -70.8844 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 143.8260, 20.2988, -70.8844 by changing the saturation by 10% instead.



■ 143.8260, 20.2988,  
-70.8844

■ 143.8260, 20.2988,  
-70.8844

■ 255.0000, 0.0000,  
0.0000

■ 111.7430, 22.8047,  
-81.3356

■ 201.6200, 19.4143,  
-67.1957

■ 87.8360, 21.7729,  
-77.0322

■ 225.1000, 14.7407,  
-61.4777

■ 70.3110, 18.0877,  
-61.6627

■ 234.0700, 10.3185,  
-43.0344

■ 52.9000, 14.8393,  
-46.3933

■ 242.7410, 6.0437,  
-25.2059

■ 36.7770, 11.4489,  
-32.2534

■ 252.0100, 1.4741,  
-6.1478

■ 23.1160, 7.3378,  
-20.2727

■ 2.5250, 7.1362,

-2.2144

■ 0.0000, 0.0000,  
0.0000

■ 143.8260, 20.2988,  
-70.8844

■ 143.8260, 20.2988,  
-70.8844

■ 137.8570, 23.2415,  
-81.4356

■ 150.0940, 17.2087,  
-59.7184

■ 131.5890, 26.3316,  
-92.6016

■ 156.0630, 14.2659,  
-49.1673

■ 125.0330, 29.5637,  
-102.6379

■ 162.9180, 10.8864,  
-38.5161

■ 122.6410, 30.7430,  
-107.5562

■ 168.8870, 7.9437,  
-27.9649

■ 175.1550, 4.8536,  
-16.7989

■ 181.1240, 1.9109,  
-6.2477

■ 187.3920, -1.1793,  
4.9182

■ 193.9480, -4.4114,  
14.9546

■ 199.9170, -7.3541,  
25.5058

# Harmonies

## Analogous

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



148.2940, 3.7991, -52.0008



143.8260, 20.2988, -70.8844



147.3890, 29.8812, -64.3622

# Triad

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



143.8260, 20.2988, -70.8844



165.9380, 14.3276, 24.6104



160.3300, -27.2777, 22.5126

# Complementary

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



143.8260, 20.2988, -70.8844



104.1740, -20.2988, 70.8844

# 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.



162.8790, -23.1113, 39.5711



143.8260, 20.2988, -70.8844



165.3180, 1.3222, 42.6941

# Square

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



143.8260, 20.2988, -70.8844



163.5090, 24.8921, -3.9544



163.7950, -12.2239, 47.5378



157.3980, -23.8602, -0.3490



# Rectangle

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



143.8260, 20.2988, -70.8844



153.8410, 31.1374, -47.2186



163.7950, -12.2239, 47.5378



161.1890, -26.7152, 28.7752

# Sweetspot

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



143.8260, 20.2988, -70.8844



223.8870, 7.9437, -27.9649



135.2980, -32.6849, -63.4053



110.1550, 4.8536, -16.7989



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.



143.8260, 20.2988, -70.8844



175.5590, 31.7694, -110.1152



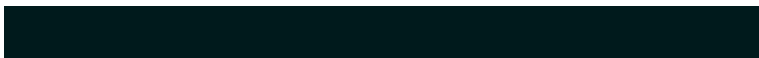
109.1930, 37.3729, -40.5113



88.7220, 1.6161, -5.0182



102.8990, 26.1788, -90.2424



18.4540, 4.7062, -16.1842



# Inverse Universe

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



112.4740, 31.8113, 63.6053



126.9880, 49.3059, 99.1115



138.8070, -37.3729, 40.5113



86.6030, 2.1677, 4.7332



63.1740, 40.3402, 81.4084



11.3360, 7.2294, 14.6143



# Previews

## White Background



This preview shows how the YUV color 143.8260, 20.2988, -70.8844 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

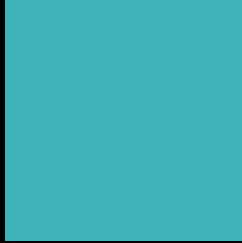
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 143.8260, 20.2988, -70.8844 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

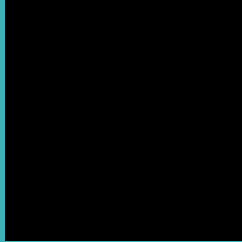
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# YUV 143.8260, 20.2988, -70.8844

## Background



This preview shows how black text looks on a background with the YUV color 143.8260, 20.2988, -70.8844.



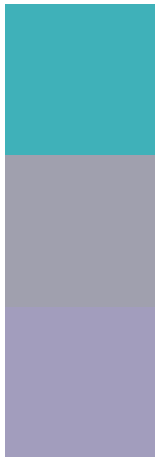
This preview shows how white text looks on a background with the YUV color 143.8260, 20.2988, -70.8844.

-70.8844.

# 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

143.8260, 20.2988, -70.8844

### Protanopia

161.5960, 6.1152, -1.3997

### Deuteranopia

162.1430, 13.2405, -0.1254



## Tritanopia

144.7060, 22.3299, -69.0252

# Trichromacy



## Original Color

143.8260, 20.2988, -70.8844

## Protanomaly

155.1090, 11.2853, -26.4056

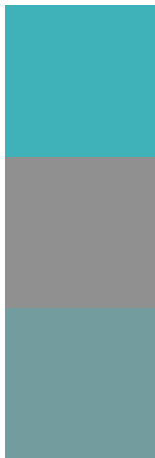
## Deuteranomaly

155.3740, 16.0846, -25.7610

## Tritanomaly

144.1790, 21.6038, -69.4400

# Monochromacy



## Original Color

143.8260, 20.2988, -70.8844

## Achromatopsia

144.0000, 0.0000, 0.0000

## Achromatomaly

144.0830, 7.3541, -25.5058

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 143.8260, 20.2988, -70.8844 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(63, 177, 185)` looks like.

```
.text, #text, p{  
    color:rgb(63, 177, 185)  
}
```

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(63, 177, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(63, 177, 185) }
```

## Border

The CSS property to change the border of an element to YUV 143.8260, 20.2988, -70.8844 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(63, 177, 185) }
```



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

```
.border{ border-color:rgb(63, 177, 185) }
```

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

Here you see how a box with a 4 pixel `rgb(63, 177, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(63, 177, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(63, 177, 185);  
box-shadow:4px 4px 4px 4px rgb(63, 177,  
185) }
```

# Background

The CSS property to change the background color of an element to YUV 143.8260, 20.2988, -70.8844 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(63, 177, 185) }
```

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

```
.background{ background-color: rgb(63, 177,  
185) }
```

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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