

# Converting Colors

YUV(139.3090, 30.9067,  
-113.4040)

Have a look what the booklet for  
YUV(139.3090, 30.9067, -113.4040)  
contains.

<b>YUV(139.3090, 30.9067, -113.4040)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	12
<b><i>Previews</i></b> .....	24
<b><i>Color Blindness Simulation</i></b> .....	28
<b><i>CSS Examples</i></b> .....	31

# Color

**YUV(139.3090, 30.9067,  
-113.4040)**

# Conversions

## Conversions Part 1

Format	Color
Hex	0AC1CA
RGB	10, 193, 202
RGB Percent	4%, 76%, 79%
CMY	0.9608, 0.2431, 0.2078
CMYK	0.95, 0.04, 0.00, 0.21
HSL	183°, 91%, 42%
HSV	183°, 95%, 79%
XYZ	29.8558, 42.4687, 62.5008
YIQ	139.3090, -111.9570, -35.9970

# Conversions

## Conversions Part 2

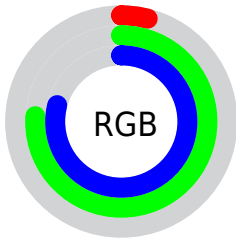
Format	Color
<a href="#">RYB</a>	<a href="#">10, 104, 202</a>
Decimal	<a href="#">704970</a>
CIELab	<a href="#">71.19, -35.95, -15.88</a>
CIELCh	<a href="#">71, 39.298, 203.839</a>
Yxy	<a href="#">42.4687, 0.2214, 0.3150</a>
Android (android.graphics.Color)	<a href="#">4278895050 (0xFF0AC1CA)</a>
YUV	<a href="#">139.3090, 30.9067, -113.4040</a>
Hunter-Lab	<a href="#">65.1680, -32.2668, -11.2458</a>

# Details

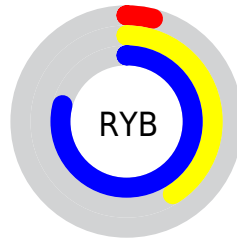
The YUV color **139.3090, 30.9067, -113.4040** is a dark color, and the websafe version is hex **33CCCC**. The color can be described as middle washed cyan. A complement of this color would be **72.6910, -30.9067, 113.4040**, and the grayscale version is **139.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **207.5140, 23.4106, -89.0278**, and **98.4650, 24.4208, -86.3538** is the 20% darker color. If you saturate the color by 10%, you get **136.3190, 32.3807, -119.5518**, and if you desaturate by 10%, it is **145.8760, 27.6691, -101.6233**.

# Distribution



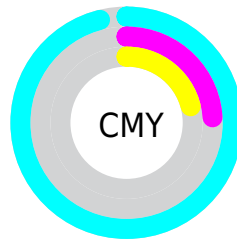
- Red (4%)
- Green (76%)
- Blue (79%)



- Red (4%)
- Yellow (41%)
- Blue (79%)



- Cyan (95%)
- Magenta (4%)
- Yellow (0%)
- Black (21%)



- Cyan (96%)
- Magenta (24%)
- Yellow (21%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 139.3090, 30.9067, -113.4040 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 139.3090, 30.9067, -113.4040 by changing the saturation by 10% instead.



139.3090, 30.9067,  
-113.4040

139.3090, 30.9067,  
-113.4040

255.0000, 0.0000,  
0.0000

117.3920, 28.4007,  
-102.9528

207.5140, 23.4106,  
-89.0278

98.4650, 24.4208,  
-86.3538

220.3160, 17.0992,  
-71.3141

80.2390, 20.5882,  
-70.3696

229.5850, 12.5296,  
-52.2560

62.7140, 16.9030,  
-55.0002

238.8540, 7.9600,  
-33.1980

46.0040, 13.8020,  
-40.3455

248.4220, 3.2430,  
-13.5251

29.8810, 10.4117,  
-26.2056

9.2900, 10.2100,

-8.1473

■ 0.2280, 0.8736,  
-0.2000

■ 0.0000, 0.0000,  
0.0000

■ 139.3090, 30.9067,  
-113.4040

■ 139.3090, 30.9067,  
-113.4040

■ 136.3190, 32.3807,  
-119.5518

■ 145.8760, 27.6691,  
-101.6233

■ 152.4430, 24.4316,  
-89.8425

■ 159.3090, 21.0467,  
-77.4470

■ 165.8760, 17.8091,  
-65.6663

■ 172.4430, 14.5716,  
-53.8855

■ 179.0100, 11.3341,  
-42.1048

■ 185.5770, 8.0965,  
-30.3240

■ 192.4430, 4.7116,  
-17.9285

■ 199.0100, 1.4741,  
-6.1478

# Harmonies

## Analogous

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



155.4230, 4.7215, -67.9000



139.3090, 30.9067, -113.4040



148.3400, 40.7514, -97.6452

# Triad

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



139.3090, 30.9067, -113.4040



179.1110, 18.6793, 28.8437



172.5280, -34.2773, 27.6009

# Complementary

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



139.3090, 30.9067, -113.4040



72.6910, -30.9067, 113.4040

# 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.



174.6800, -27.9432, 49.3926



139.3090, 30.9067, -113.4040



178.3130, 2.3107, 52.3455

# Square

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



139.3090, 30.9067, -113.4040



176.2080, 31.4495, -7.1984



176.5900, -14.5879, 59.1186



168.9760, -30.5542, 0.0210



# Rectangle

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



139.3090, 30.9067, -113.4040



160.7230, 40.0696, -65.5321



176.5900, -14.5879, 59.1186



172.9250, -32.9940, 36.0228

# Sweetspot

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



139.3090, 30.9067, -113.4040



231.1130, 11.7763, -43.9491



123.3880, -52.9423, -99.4413



112.7840, 7.5015, -26.1206



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.



139.3090, 30.9067, -113.4040



171.7110, 41.0615, -150.5905



84.7180, 57.8200, -65.5277



99.0100, 1.4741, -6.1478



111.6700, 26.7847, -97.9346



25.4640, 6.1802, -22.3319



# Inverse Universe

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



88.2700, 51.6319, 99.7412



103.9470, 68.5531, 132.4735



127.2820, -57.8200, 65.5277



96.1300, 2.8939, 5.1480



67.6460, 44.5445, 86.2565

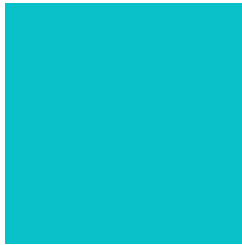


15.4660, 10.1233, 19.7623



# Previews

## White Background



This preview shows how the YUV color 139.3090, 30.9067, -113.4040 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

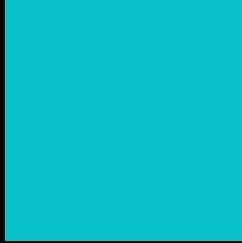
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 139.3090, 30.9067, -113.4040 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

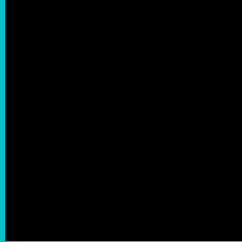
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

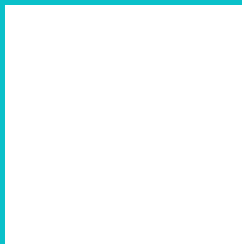
Any Text WCAG AAA ✓ Pass

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

# YUV 139.3090, 30.9067, -113.4040 Background



This preview shows how black text looks on a background with the YUV color 139.3090, 30.9067, -113.4040.



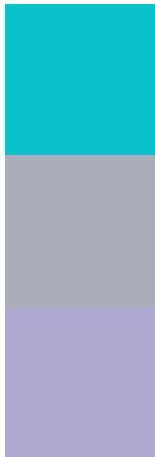
This preview shows how white text looks on a background with the YUV color 139.3090, 30.9067, -113.4040.



# 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

139.3090, 30.9067, -113.4040

### Protanopia

173.5250, 7.1362, -2.2144

### Deuteranopia

174.5280, 16.0087, -1.3401



## Tritanopia

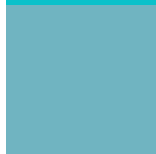
144.1900, 31.4583, -103.6526

# Trichromacy



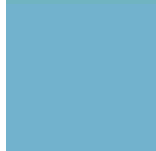
## Original Color

139.3090, 30.9067, -113.4040



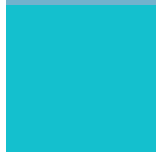
## Protanomaly

161.1500, 15.7020, -43.1046



## Deuteranomaly

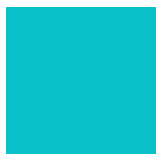
161.9420, 21.2276, -42.0451



## Tritanomaly

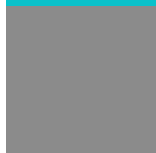
142.1680, 31.4692, -107.1413

# Monochromacy



## Original Color

139.3090, 30.9067, -113.4040



## Achromatopsia

139.0000, 0.0000, 0.0000



## Achromatomaly

139.3090, 11.1867, -41.4900

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 139.3090, 30.9067, -113.4040 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(10, 193, 202)` looks like.

```
.text, #text, p{  
    color:rgb(10, 193, 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(10, 193, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(10, 193, 202) }
```

## Border

The CSS property to change the border of an element to YUV 139.3090, 30.9067, -113.4040 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(10, 193, 202) }
```



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

```
.border{ border-color:rgb(10, 193, 202) }
```

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

Here you see how a box with a 4 pixel rgb(10, 193, 202) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(10, 193, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(10, 193, 202);  
box-shadow:4px 4px 4px 4px rgb(10, 193,  
202) }
```

# Background

The CSS property to change the background color of an element to YUV 139.3090, 30.9067, -113.4040 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(10, 193, 202) }
```

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

```
.background{ background-color: rgb(10, 193,  
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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