

# Converting Colors

YUV(138.0170, -2.9664,  
-75.4369)

Have a look what the booklet for  
YUV(138.0170, -2.9664, -75.4369)  
contains.

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# Color

**YUV(138.0170, -2.9664,  
-75.4369)**

# Conversions

## Conversions Part 1

Format	Color
Hex	34B784
RGB	52, 183, 132
RGB Percent	20%, 72%, 52%
CMY	0.7961, 0.2824, 0.4824
CMYK	0.72, 0.00, 0.28, 0.28
HSL	157°, 56%, 46%
HSV	157°, 72%, 72%
XYZ	22.5145, 36.2630, 27.6426
YIQ	138.0170, -61.7050, -43.6330

# Conversions

## Conversions Part 2

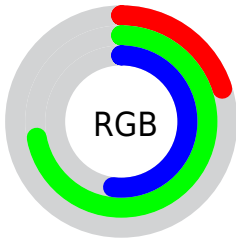
Format	Color
<a href="#">RYB</a>	<a href="#">52, 133, 183</a>
Decimal	<a href="#">3454852</a>
CIELab	<a href="#">66.72, -47.18, 15.98</a>
CIELCh	<a href="#">67, 49.817, 161.288</a>
Yxy	<a href="#">36.2630, 0.2605, 0.4196</a>
Android (android.graphics.Color)	<a href="#">4281644932 (0xFF34B784)</a>
YUV	<a href="#">138.0170, -2.9664, -75.4369</a>
Hunter-Lab	<a href="#">60.2188, -38.6454, 14.9368</a>

# Details

The YUV color **138.0170, -2.9664, -75.4369** is a dark color, and the websafe version is hex **33CC99**. A complement of this color would be **96.9830, 2.9664, 75.4369**, and the grayscale version is **138.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **196.6540, -5.7454, -70.7336**, and **85.0710, -1.5140, -74.6073** is the 20% darker color. If you saturate the color by 10%, you get **131.8370, -3.3706, -85.8030**, and if you desaturate by 10%, it is **144.1970, -2.5621, -65.0708**.

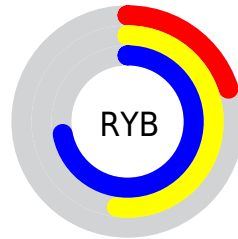
# Distribution



Red (20%)

Green (72%)

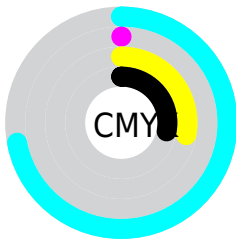
Blue (52%)



Red (20%)

Yellow (52%)

Blue (72%)

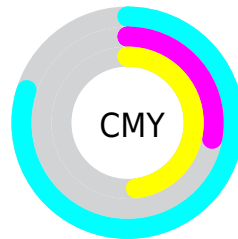


Cyan (72%)

Magenta (0%)

Yellow (28%)

Black (28%)



Cyan (80%)

Magenta (28%)


Yellow (48%)


# Brightness & Saturation Gradients

These gradients show how the YUV color 138.0170, -2.9664, -75.4369 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 138.0170, -2.9664, -75.4369 by changing the saturation by 10% instead.




 138.0170, -2.9664,  
-75.4369

 138.0170, -2.9664,  
-75.4369


255.0000, 0.0000,  
0.0000

 103.7700, 1.5924,  
-91.0063


 196.6540, -5.7454,  
-70.7336


 85.0710, -1.5140,  
-74.6073


 217.3220, -2.1307,  
-63.4264


 67.1870, -4.0362,  
-58.9230


 229.4840, 5.6774,  
-47.7825

 50.0040, -6.4110,  
-43.8535

 239.7510, 7.5178,  
-31.3536

 33.5220, -8.6383,  
-29.3988

 248.7210, 3.0955,  
-12.9103

 18.1970, -8.9711,  
-15.9588

 0.0000, 0.0000,

0.0000

■ 138.0170, -2.9664,  
-75.4369

■ 138.0170, -2.9664,  
-75.4369

■ 131.8370, -3.3706,  
-85.8030

■ 144.1970, -2.5621,  
-65.0708

■ 125.3580, -3.6275,  
-96.7840

■ 150.6760, -2.3053,  
-54.0899

■ 120.1890, -4.0372,  
-105.4058

■ 156.8560, -1.9010,  
-43.7237

■ 163.0360, -1.4967,  
-33.3576

■ 169.6290, -0.8031,  
-22.4766

■ 175.8090, -0.3988,  
-12.1105

■ 181.9890, 0.0054,  
-1.7444

■ 188.1690, 0.4097,  
8.6218

■ 194.6480, 0.6665,  
19.6027

# Harmonies

## Analogous

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



151.1640, -29.1679, -24.6998



138.0170, -2.9664, -75.4369



128.8870, 24.2127, -113.0339

# Triad

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



138.0170, -2.9664, -75.4369



157.9900, 45.3609, -35.9482



162.0890, -28.1449, 67.4509

# Complementary

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



138.0170, -2.9664, -75.4369



96.9830, 2.9664, 75.4369

# 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.



163.1000, -7.9373, 72.7033



138.0170, -2.9664, -75.4369



166.9600, 31.0787, 18.4521

# Square

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



138.0170, -2.9664, -75.4369



130.8830, 57.2457, -114.7844



166.3810, 12.6302, 55.7939



160.1020, -41.4623, 45.5145



# Rectangle

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



138.0170, -2.9664, -75.4369



131.6060, 37.1692, -115.4185



166.3810, 12.6302, 55.7939



162.1310, -21.7566, 71.7991

# Sweetspot

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



138.0170, -2.9664, -75.4369



219.8840, -0.9288, -28.8393



144.4450, -45.5754, -35.4703



109.6620, -0.8194, -17.2436



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.



138.0170, -2.9664, -75.4369



166.9980, -4.4360, -117.5162



136.2000, 23.0724, -73.8434



88.8530, -0.4205, -5.1331



102.4020, -3.6492, -89.8066



18.3740, -0.6774, -16.1140



# Inverse Universe

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



96.9830, 2.9664, 75.4369



103.1160, 4.8728, 117.4163



98.8000, -23.0724, 73.8434



86.0330, -0.0163, 5.2331



53.5980, 3.6492, 89.8066



9.6260, 0.6774, 16.1140



# Previews

## White Background



This preview shows how the YUV color 138.0170, -2.9664, -75.4369 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

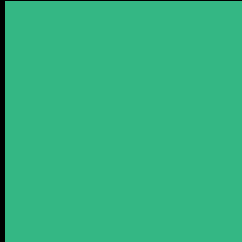
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 138.0170, -2.9664, -75.4369 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

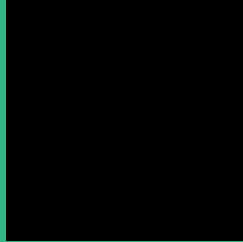
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# YUV 138.0170, -2.9664, -75.4369

## Background



This preview shows how black text looks on a background with the YUV color 138.0170, -2.9664, -75.4369.



This preview shows how white text looks on a background with the YUV color 138.0170, -2.9664, -75.4369.

-75.4369.

# 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

138.0170, -2.9664, -75.4369

### Protanopia

159.8430, -18.6566, 10.6617

### Deuteranopia

162.0320, -11.8478, 20.1429



## Tritanopia

147.9950, 20.7085, -62.2626

# Trichromacy



## Original Color

138.0170, -2.9664, -75.4369



## Protanomaly

151.8390, -12.7386, -20.9068



## Deuteranomaly

153.3220, -8.5397, -14.3144



## Tritanomaly

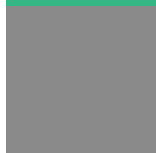
144.6710, 11.9942, -67.2405

# Monochromacy



## Original Color

138.0170, -2.9664, -75.4369



## Achromatopsia

138.0000, 0.0000, 0.0000



## Achromatomaly

137.8950, -0.9342, -27.0949

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 138.0170, -2.9664, -75.4369 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(52, 183, 132)` looks like.

```
.text, #text, p{  
    color:rgb(52, 183, 132)  
}
```

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(52, 183, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(52, 183, 132) }
```

## Border

The CSS property to change the border of an element to YUV 138.0170, -2.9664, -75.4369 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(52, 183, 132) }
```



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

```
.border{ border-color:rgb(52, 183, 132) }
```

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

Here you see how a box with a 4 pixel `rgb(52, 183, 132)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(52, 183, 132); -webkit-box-  
shadow:4px 4px 4px 4px rgb(52, 183, 132);  
box-shadow:4px 4px 4px 4px rgb(52, 183,  
132) }
```

# Background

The CSS property to change the background color of an element to YUV 138.0170, -2.9664, -75.4369 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(52, 183, 132) }
```

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

```
.background{ background-color: rgb(52, 183,  
132) }
```

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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